

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041124\
 Data File : VY017902.D
 Acq On : 11 Apr 2024 11:26
 Operator : SY/MD
 Sample : VY0411SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0411SBS01

Quant Time: Apr 12 04:57:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	139743	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	221164	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	193262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	92798	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	72675	60.099	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.200%	
35) Dibromofluoromethane	7.722	113	77179	60.391	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 120.780%	
50) Toluene-d8	10.185	98	283307	59.346	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 118.700%	
62) 4-Bromofluorobenzene	12.483	95	84584	58.236	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 116.480%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	19335	20.689	ug/l	99
3) Chloromethane	2.113	50	32854	18.012	ug/l	98
4) Vinyl Chloride	2.247	62	53466	22.429	ug/l	99
5) Bromomethane	2.643	94	51319	26.626	ug/l	100
6) Chloroethane	2.790	64	42334	27.219	ug/l	94
7) Trichlorofluoromethane	3.119	101	48295	20.775	ug/l	99
8) Diethyl Ether	3.527	74	12561	18.395	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.899	101	28037	20.111	ug/l	97
10) Methyl Iodide	4.088	142	23209	15.309	ug/l	99
11) Tert butyl alcohol	4.948	59	12536	130.439	ug/l #	87
12) 1,1-Dichloroethene	3.869	96	22660	17.370	ug/l	97
13) Acrolein	3.728	56	6905	81.504	ug/l	99
14) Allyl chloride	4.478	41	25288	15.800	ug/l #	85
15) Acrylonitrile	5.161	53	27460	95.267	ug/l	97
16) Acetone	3.948	43	24229	96.931	ug/l #	84
17) Carbon Disulfide	4.192	76	40498	10.970	ug/l	100
18) Methyl Acetate	4.472	43	10566	19.084	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	61188	20.485	ug/l	96
20) Methylene Chloride	4.710	84	30958	18.541	ug/l	95
21) trans-1,2-Dichloroethene	5.222	96	24306	17.411	ug/l	97
22) Diisopropyl ether	6.118	45	70298	19.004	ug/l	94
23) Vinyl Acetate	6.057	43	202518	89.668	ug/l	99
24) 1,1-Dichloroethane	6.015	63	48232	19.645	ug/l	99
25) 2-Butanone	6.984	43	33231	93.323	ug/l	95
26) 2,2-Dichloropropane	6.978	77	42741	20.155	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	32594	19.756	ug/l	98
28) Bromochloromethane	7.338	49	18271	18.299	ug/l	99
29) Tetrahydrofuran	7.356	42	19364	90.629	ug/l	99
30) Chloroform	7.508	83	55101	21.630	ug/l	94
31) Cyclohexane	7.789	56	31455	14.766	ug/l #	82
32) 1,1,1-Trichloroethane	7.709	97	45123	20.812	ug/l	96
36) 1,1-Dichloropropene	7.923	75	33218	17.814	ug/l	97
37) Ethyl Acetate	7.075	43	14439	17.944	ug/l	95
38) Carbon Tetrachloride	7.905	117	38487	19.882	ug/l	98
39) Methylcyclohexane	9.185	83	35813	15.376	ug/l	95
40) Benzene	8.161	78	106836	18.591	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	7296	17.945	ug/l	94
42) 1,2-Dichloroethane	8.240	62	28423	20.095	ug/l	98
43) Isopropyl Acetate	8.276	43	27883	19.094	ug/l	99
44) Trichloroethene	8.941	130	28721	19.210	ug/l	92
45) 1,2-Dichloropropane	9.221	63	25592	19.165	ug/l	98
46) Dibromomethane	9.307	93	15549	20.496	ug/l	98
47) Bromodichloromethane	9.502	83	41154	21.469	ug/l	97
48) Methyl methacrylate	9.295	41	11304	20.165	ug/l #	87
49) 1,4-Dioxane	9.313	88	3498	410.729	ug/l #	95
51) 4-Methyl-2-Pentanone	10.075	43	74768	111.656	ug/l	99
52) Toluene	10.252	92	67982	19.503	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	33914	19.925	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	41037	19.755	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	20937	20.712	ug/l	91
56) Ethyl methacrylate	10.514	69	24347	21.790	ug/l #	94
57) 1,3-Dichloropropane	10.794	76	35067	20.511	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.788	63	64277	110.800	ug/l	100
59) 2-Hexanone	10.837	43	51041	109.630	ug/l	97
60) Dibromochloromethane	10.989	129	27223	21.352	ug/l	97
61) 1,2-Dibromoethane	11.093	107	18728	20.318	ug/l	99
64) Tetrachloroethene	10.727	164	33219	19.707	ug/l	99
65) Chlorobenzene	11.520	112	78016	19.679	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.593	131	27307	20.286	ug/l	97
67) Ethyl Benzene	11.599	91	132938	19.506	ug/l	99
68) m/p-Xylenes	11.709	106	99968	38.678	ug/l	99
69) o-Xylene	12.038	106	46807	23.358	ug/l	100
70) Styrene	12.050	104	80177	23.448	ug/l	99
71) Bromoform	12.209	173	15392	20.628	ug/l #	98
73) Isopropylbenzene	12.337	105	126979	19.525	ug/l	100
74) N-amyl acetate	12.148	43	22546	20.394	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	22126	19.668	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	29229	34.565	ug/l #	100
77) Bromobenzene	12.611	156	29813	19.248	ug/l	99
78) n-propylbenzene	12.678	91	155760	19.629	ug/l	98
79) 2-Chlorotoluene	12.763	91	85142	19.588	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	99449	19.595	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.385	75	7269	21.941	ug/l	97
82) 4-Chlorotoluene	12.861	91	85685	19.038	ug/l	97
83) tert-Butylbenzene	13.080	119	90559	19.626	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	101613	20.102	ug/l	99
85) sec-Butylbenzene	13.257	105	141713	20.462	ug/l	99
86) p-Isopropyltoluene	13.373	119	112441	19.423	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	61283	19.940	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	60273	20.489	ug/l	99
89) n-Butylbenzene	13.702	91	105470	19.803	ug/l	98
90) Hexachloroethane	13.964	117	23736	20.620	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	52747	20.705	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3023	19.886	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	28731	20.590	ug/l	99
94) Hexachlorobutadiene	15.111	225	17077	20.188	ug/l	98
95) Naphthalene	15.239	128	43617	21.920	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	23245	19.721	ug/l	97

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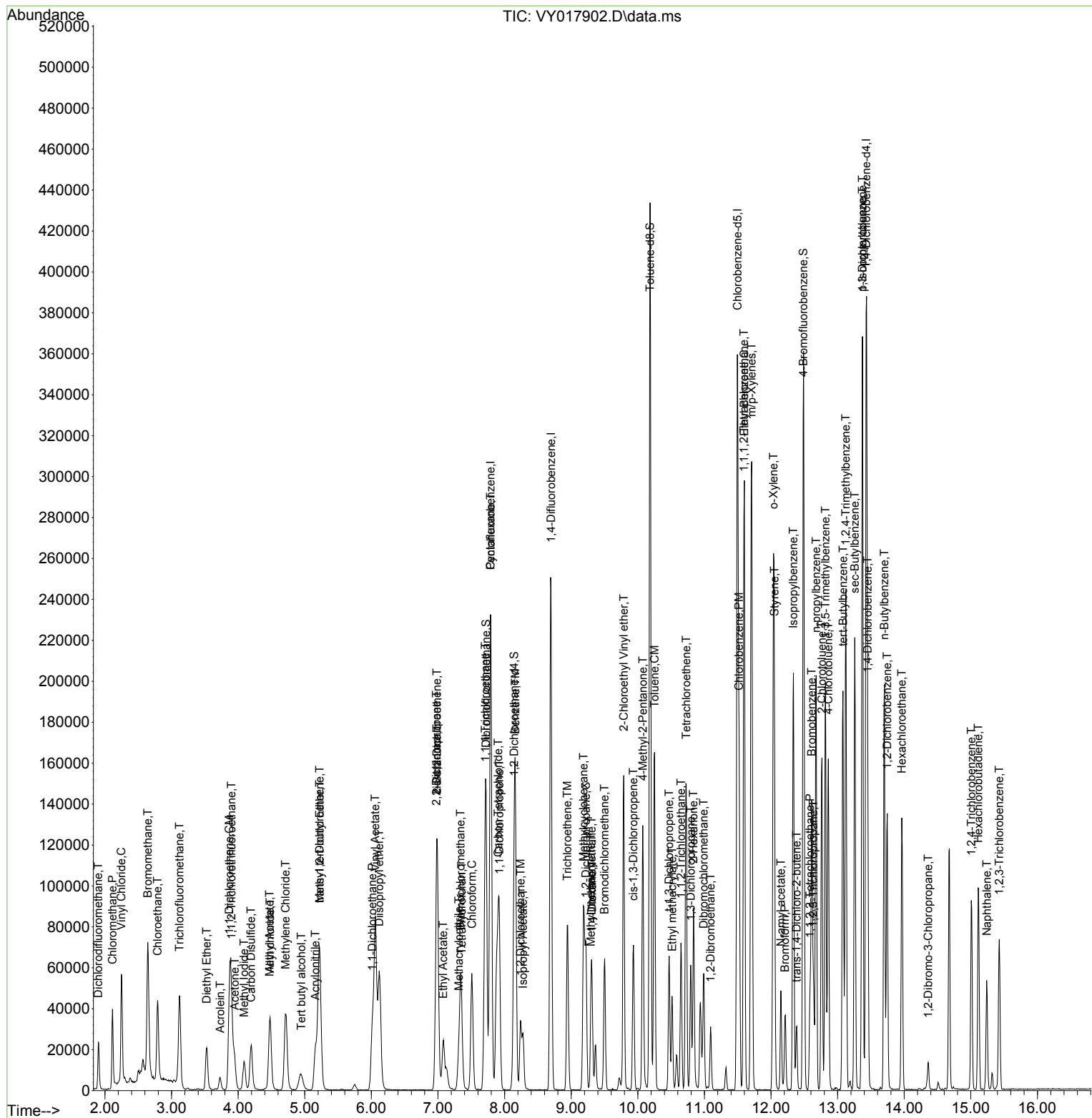
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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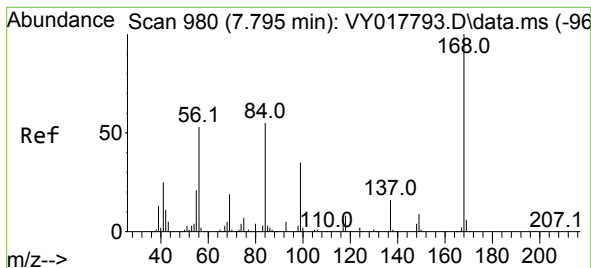
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY017902.D

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Instrument :

MSVOA_Y

ClientSampleId :

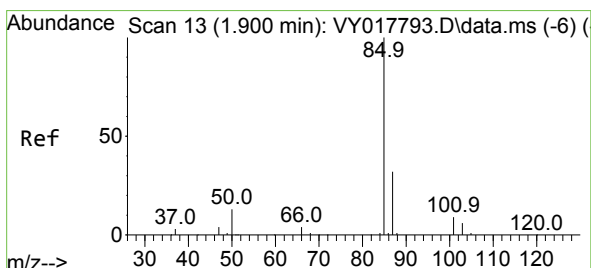
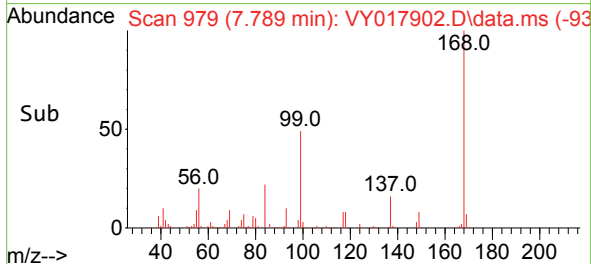
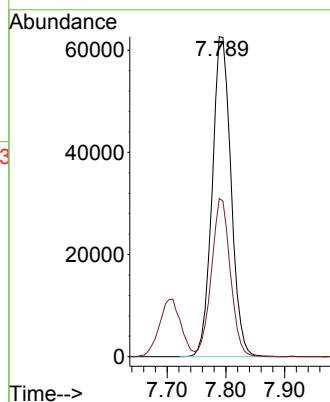
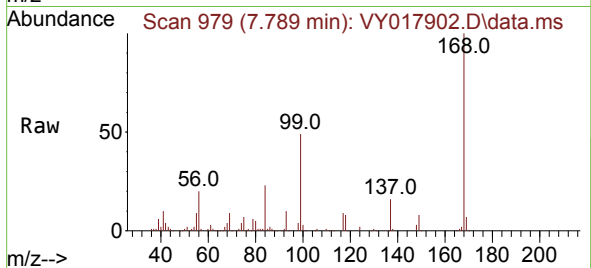
VY0411SBS01

Tgt Ion:168 Resp: 139743

Ion Ratio Lower Upper

168 100

99 49.4 39.1 58.7



#2

Dichlorodifluoromethane

Concen: 20.689 ug/l

RT: 1.900 min Scan# 13

Delta R.T. -0.000 min

Lab File: VY017902.D

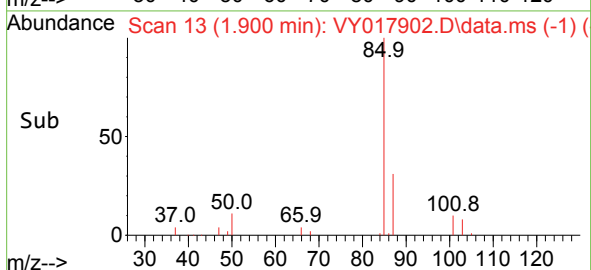
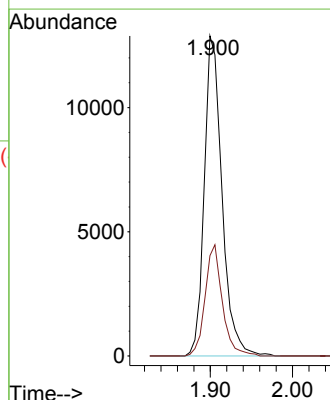
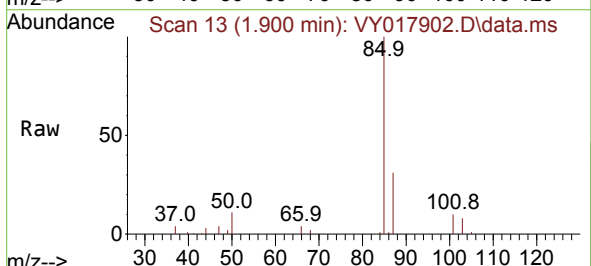
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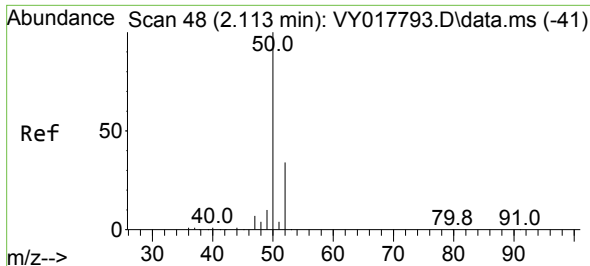
Tgt Ion: 85 Resp: 19335

Ion Ratio Lower Upper

85 100

87 31.4 16.0 48.0

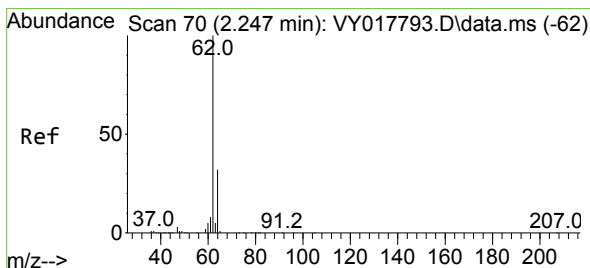
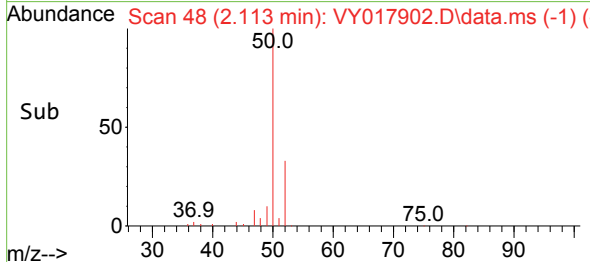
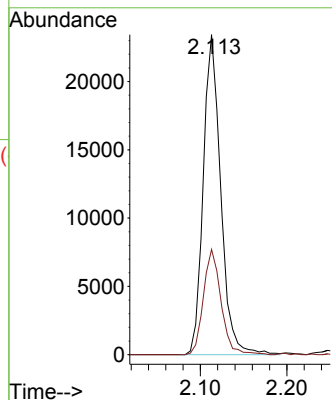
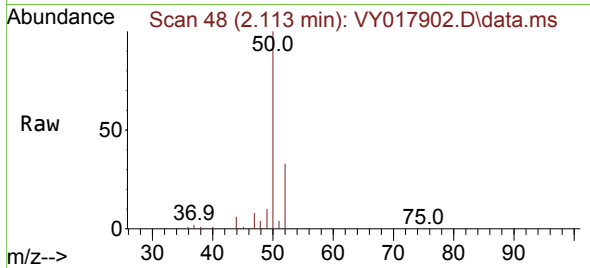




#3
Chloromethane
Concen: 18.012 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY017902.D
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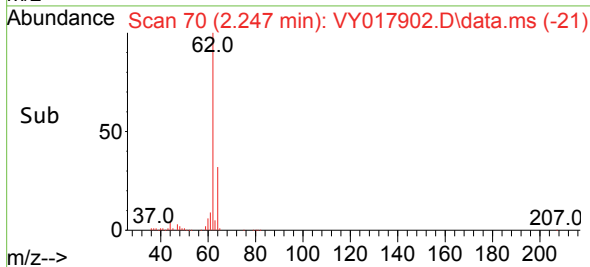
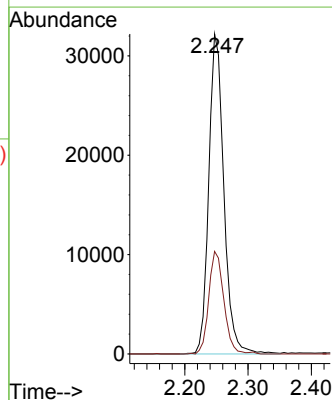
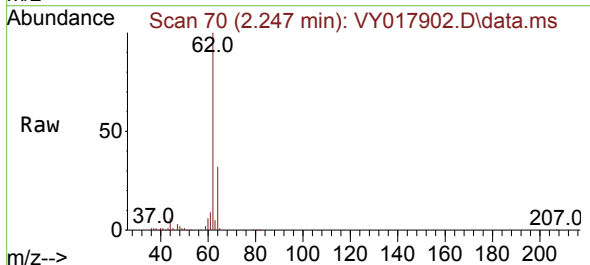
Instrument :
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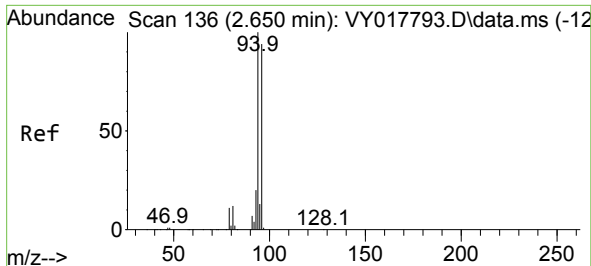
Tgt Ion: 50 Resp: 32854
Ion Ratio Lower Upper
50 100
52 32.9 25.6 38.4



#4
Vinyl Chloride
Concen: 22.429 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.000 min
Lab File: VY017902.D
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Tgt Ion: 62 Resp: 53466
Ion Ratio Lower Upper
62 100
64 32.0 26.1 39.1

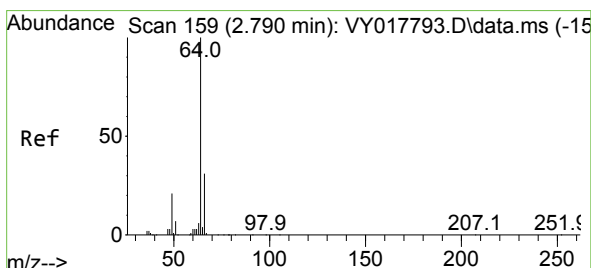
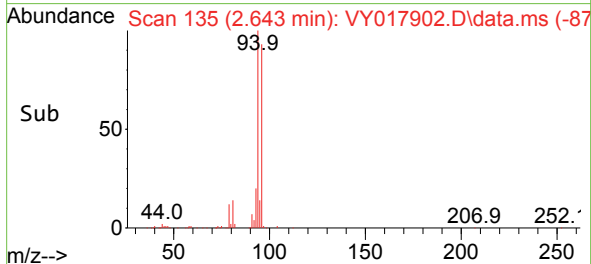
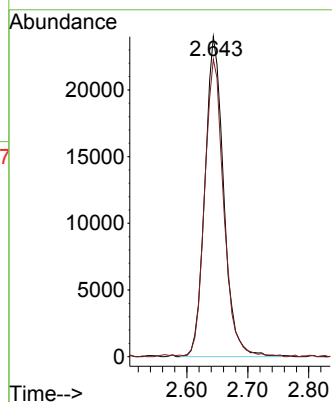
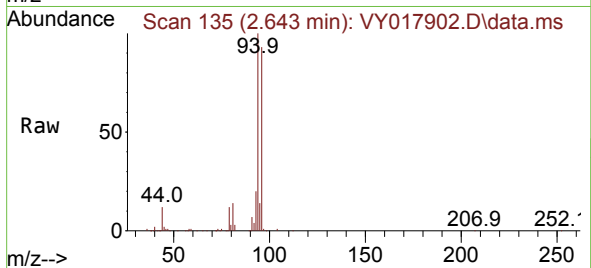




#5
Bromomethane
Concen: 26.626 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.006 min
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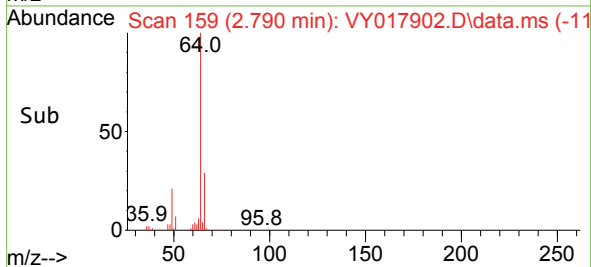
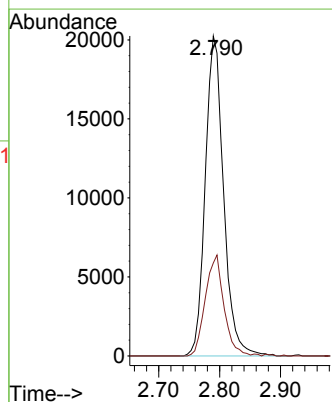
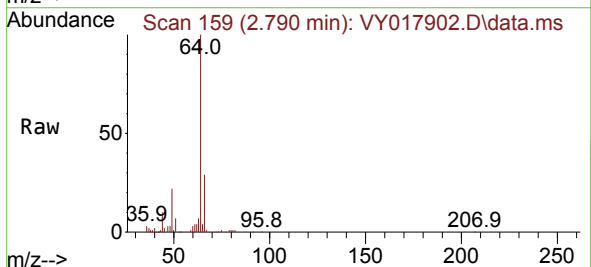
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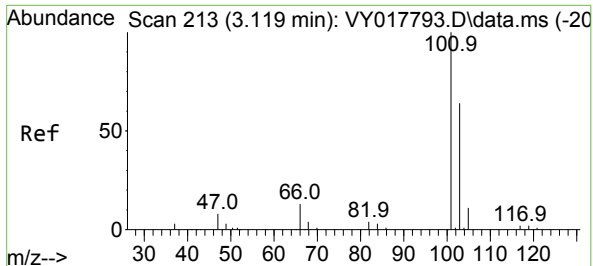
Tgt Ion: 94 Resp: 51319
Ion Ratio Lower Upper
94 100
96 92.4 74.1 111.1



#6
Chloroethane
Concen: 27.219 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 42334
Ion Ratio Lower Upper
64 100
66 29.0 26.1 39.1

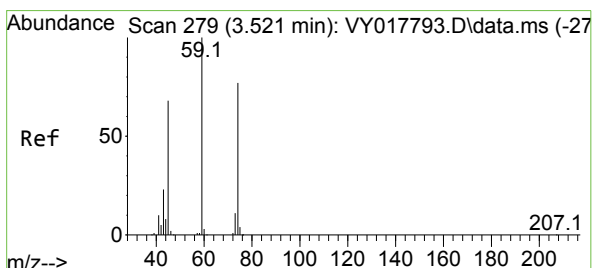
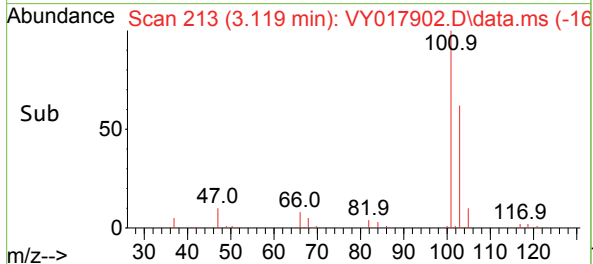
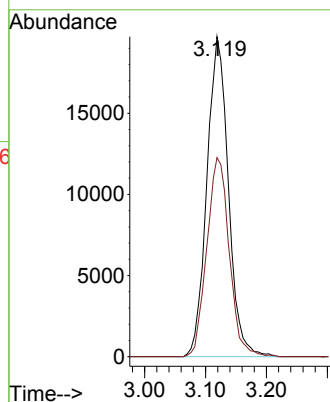
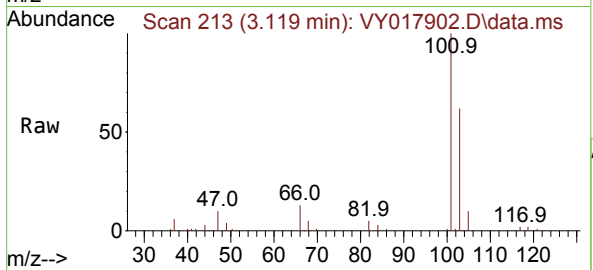




#7
Trichlorofluoromethane
Concen: 20.775 ug/l
RT: 3.119 min Scan# 213
Delta R.T. -0.000 min
Lab File: VY017902.D
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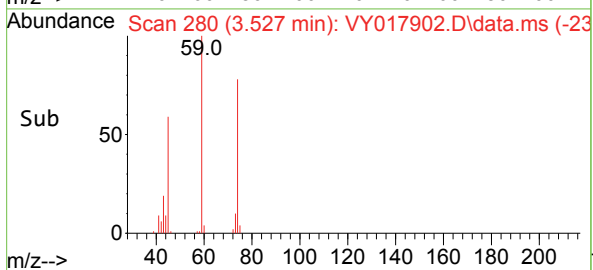
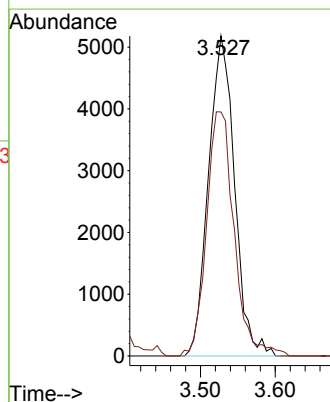
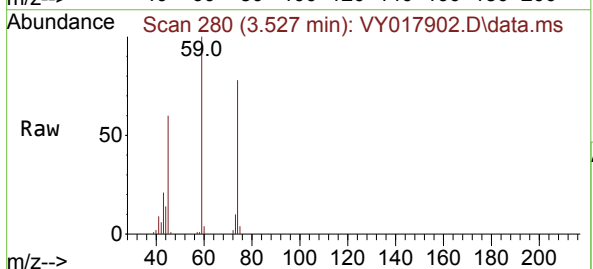
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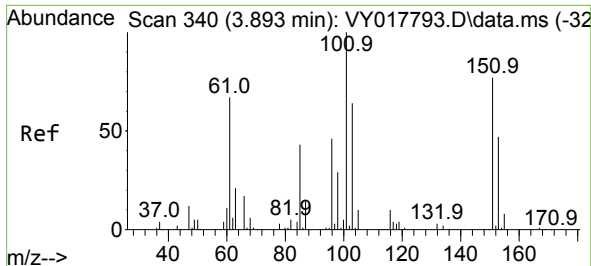
Tgt Ion:101 Resp: 48295
Ion Ratio Lower Upper
101 100
103 62.2 49.3 73.9



#8
Diethyl Ether
Concen: 18.395 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.006 min
Lab File: VY017902.D
Acq: 11 Apr 2024 11:26

Tgt Ion: 74 Resp: 12561
Ion Ratio Lower Upper
74 100
45 80.7 41.3 124.1

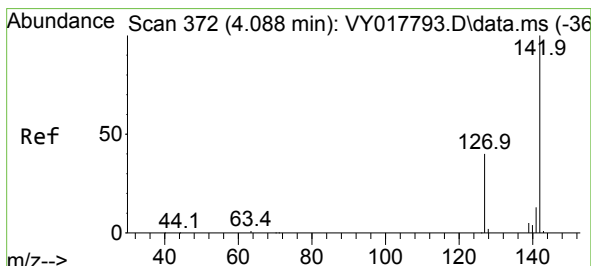
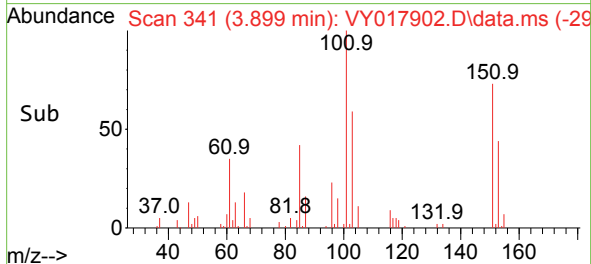
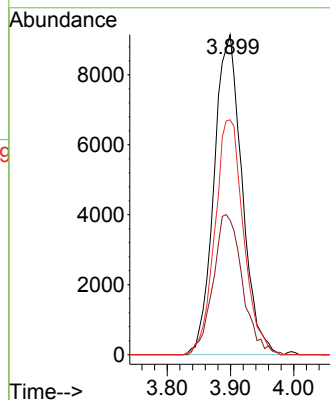
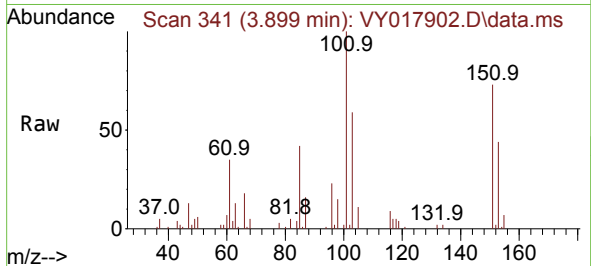




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.111 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY017902.D
Acq: 11 Apr 2024 11:26

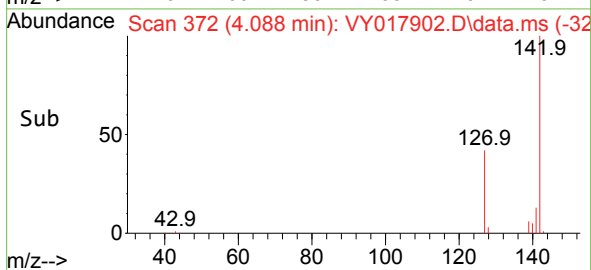
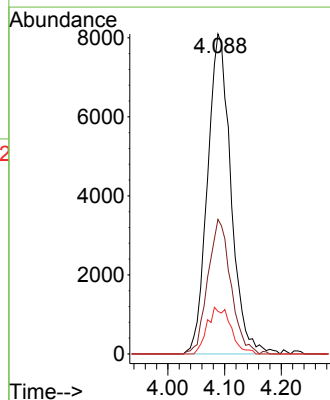
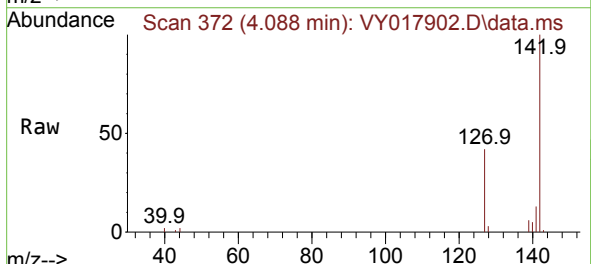
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

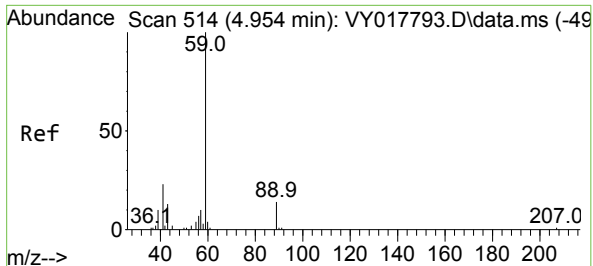
Tgt Ion:101 Resp: 28037
Ion Ratio Lower Upper
101 100
85 46.0 34.5 51.7
151 75.2 61.7 92.5



#10
Methyl Iodide
Concen: 15.309 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY017902.D
Acq: 11 Apr 2024 11:26

Tgt Ion:142 Resp: 23209
Ion Ratio Lower Upper
142 100
127 41.3 32.8 49.2
141 14.7 11.4 17.2





#11

Tert butyl alcohol

Concen: 130.439 ug/l

RT: 4.948 min Scan# 514

Delta R.T. -0.006 min

Lab File: VY017902.D

Acq: 11 Apr 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

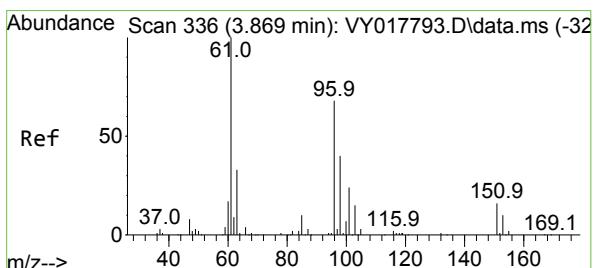
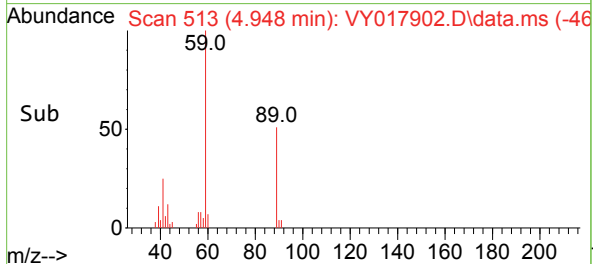
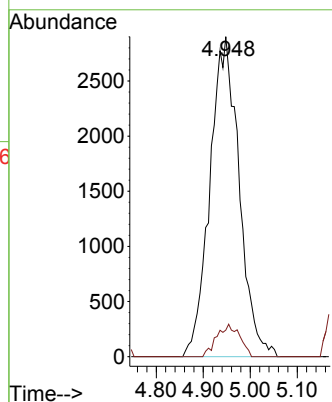
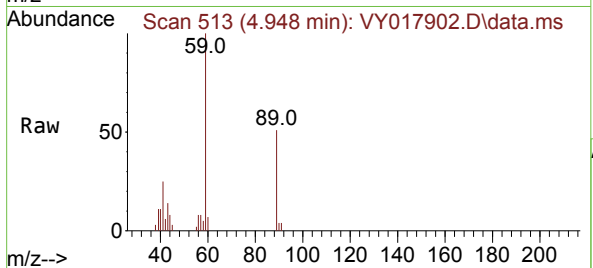
VY0411SBS01

Tgt Ion: 59 Resp: 12536

Ion Ratio Lower Upper

59 100

57 7.9 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 17.370 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.000 min

Lab File: VY017902.D

Acq: 11 Apr 2024 11:26

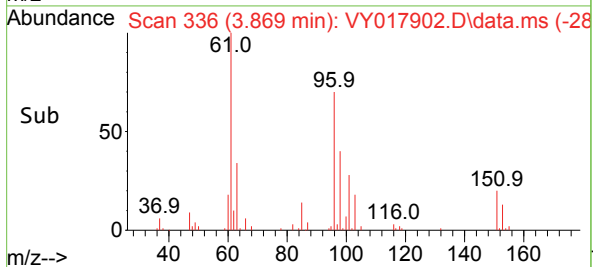
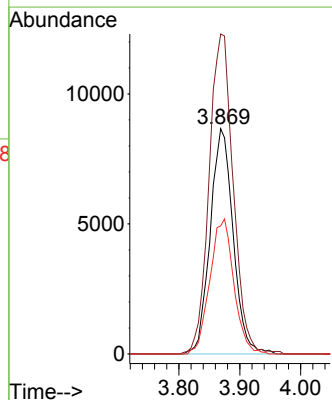
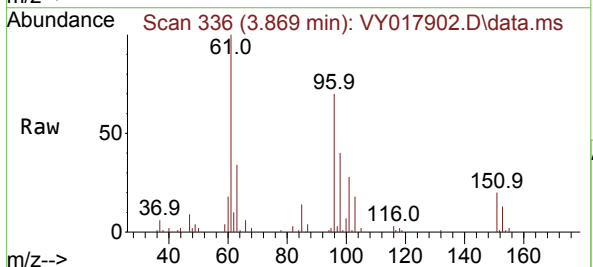
Tgt Ion: 96 Resp: 22660

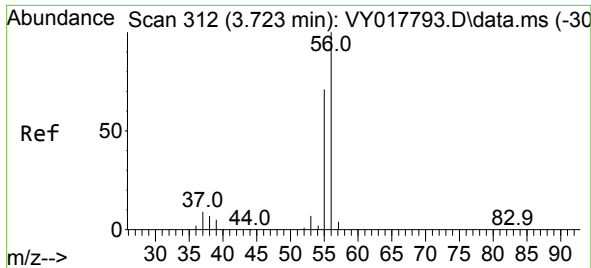
Ion Ratio Lower Upper

96 100

61 142.1 114.6 171.8

98 56.9 50.8 76.2





#13

Acrolein

Concen: 81.504 ug/l

RT: 3.728 min Scan# 312

Delta R.T. 0.006 min

Lab File: VY017902.D

Acq: 11 Apr 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

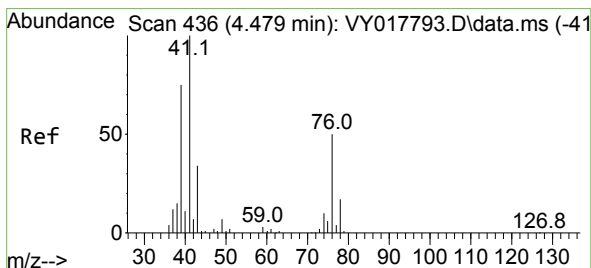
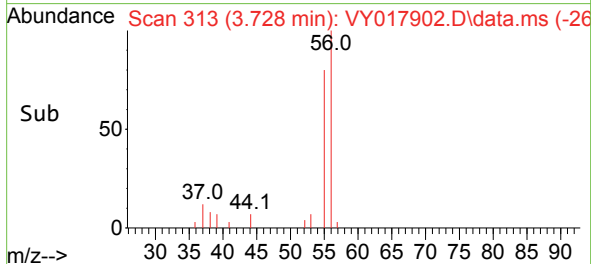
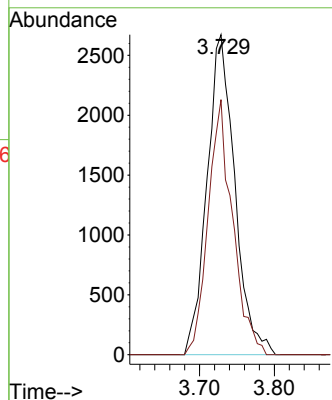
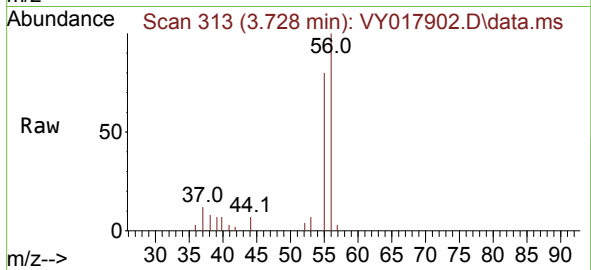
VY0411SBS01

Tgt Ion: 56 Resp: 6905

Ion Ratio Lower Upper

56 100

55 70.4 55.7 83.5



#14

Allyl chloride

Concen: 15.800 ug/l

RT: 4.478 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY017902.D

Acq: 11 Apr 2024 11:26

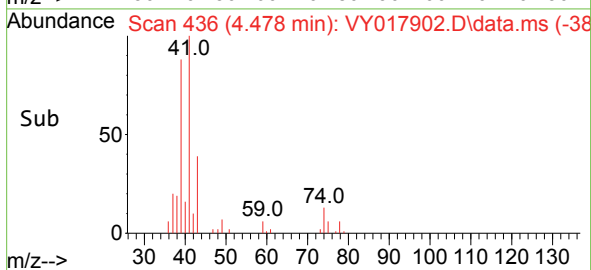
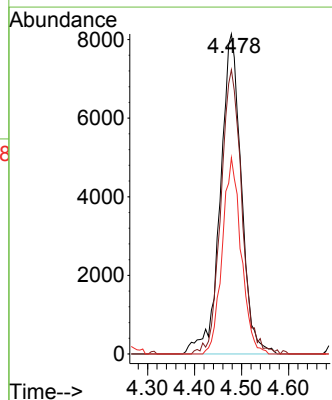
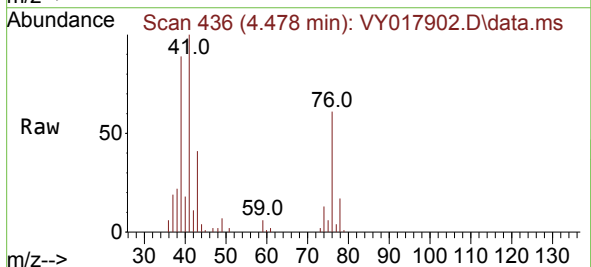
Tgt Ion: 41 Resp: 25288

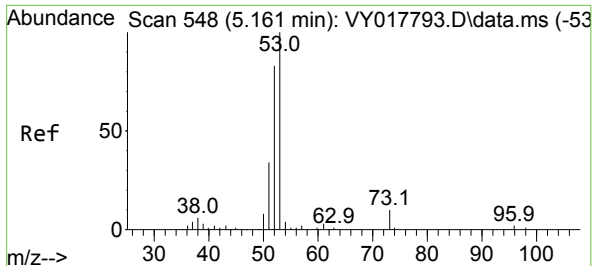
Ion Ratio Lower Upper

41 100

39 88.4 58.3 87.5#

76 55.2 39.0 58.6

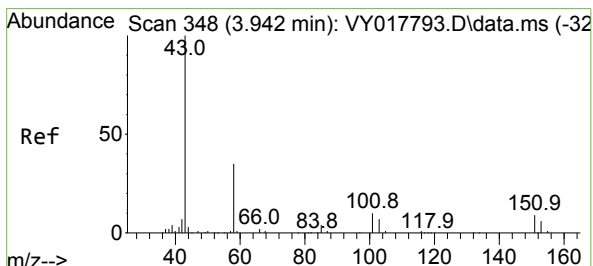
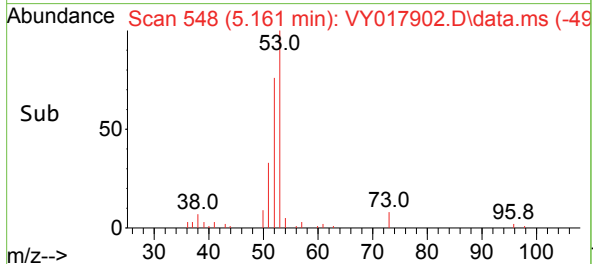
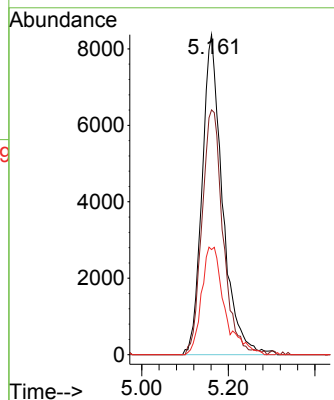
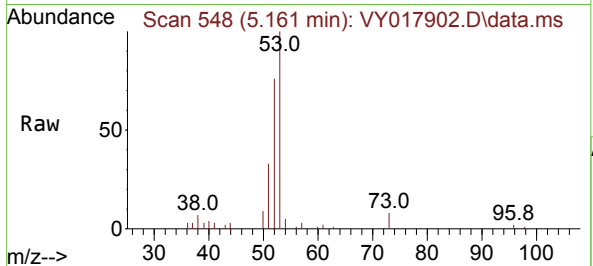




#15
Acrylonitrile
Concen: 95.267 ug/l
RT: 5.161 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY017902.D
Acq: 11 Apr 2024 11:26

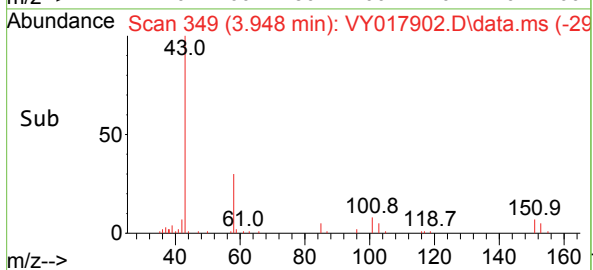
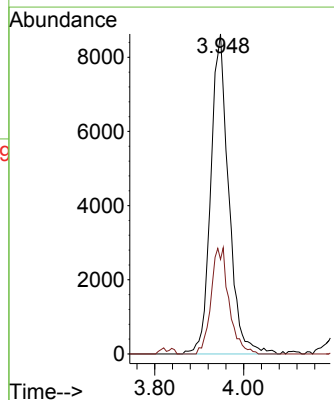
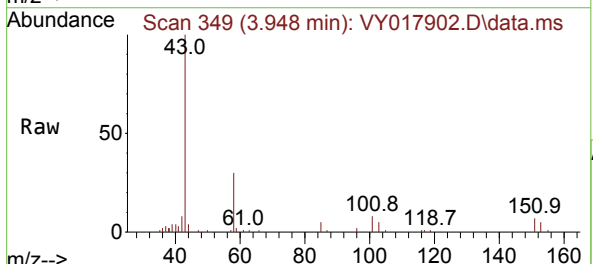
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

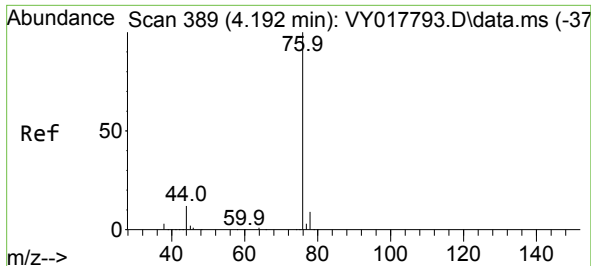
Tgt Ion:	53	Resp:	27460
Ion	Ratio	Lower	Upper
53	100		
52	78.9	64.7	97.1
51	37.9	28.4	42.6



#16
Acetone
Concen: 96.931 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY017902.D
Acq: 11 Apr 2024 11:26

Tgt Ion:	43	Resp:	24229
Ion	Ratio	Lower	Upper
43	100		
58	29.5	31.7	47.5#

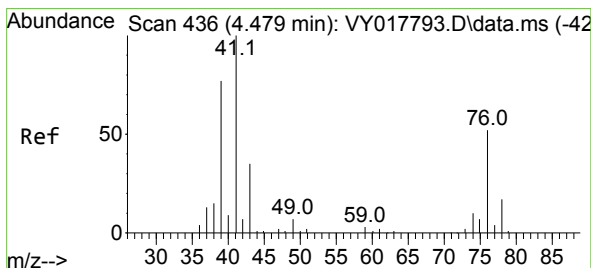
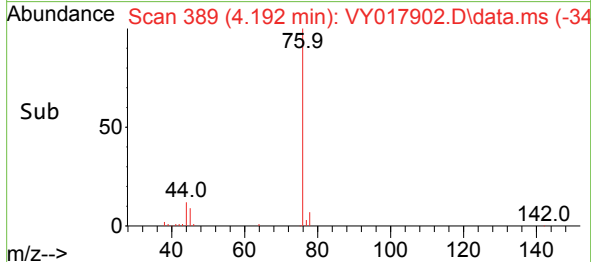
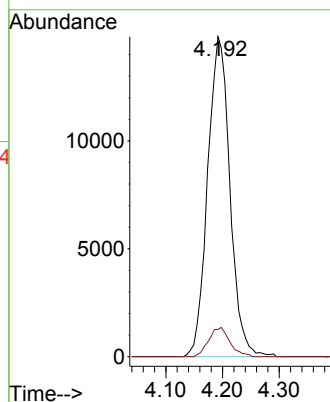
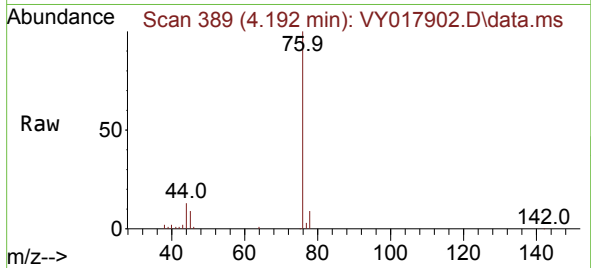




#17
Carbon Disulfide
Concen: 10.970 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY017902.D
Acq: 11 Apr 2024 11:26

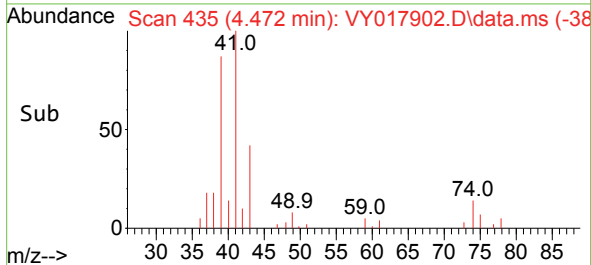
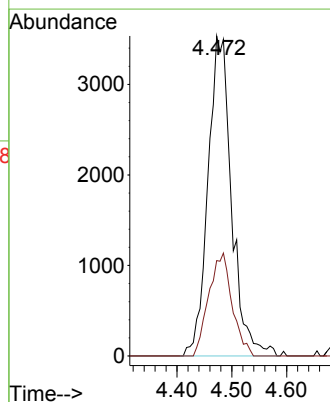
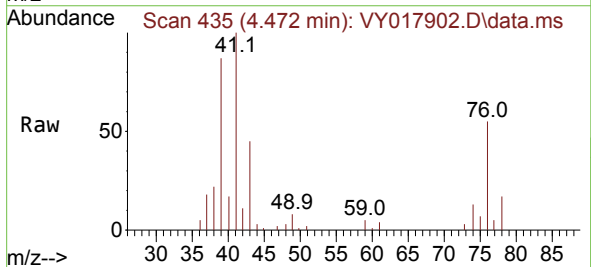
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

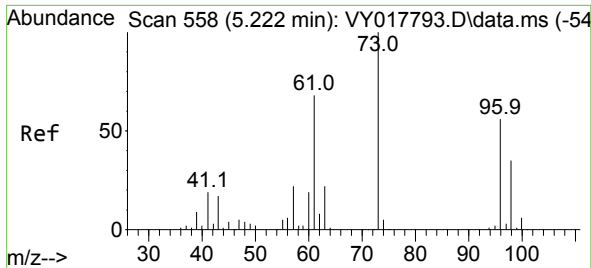
Tgt Ion: 76 Resp: 40498
Ion Ratio Lower Upper
76 100
78 8.5 6.8 10.2



#18
Methyl Acetate
Concen: 19.084 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY017902.D
Acq: 11 Apr 2024 11:26

Tgt Ion: 43 Resp: 10566
Ion Ratio Lower Upper
43 100
74 31.7 23.3 34.9

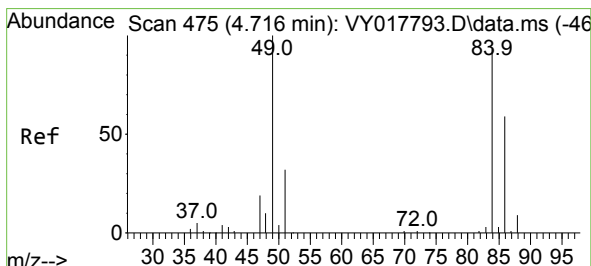
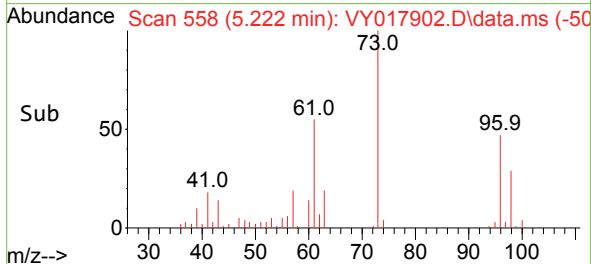
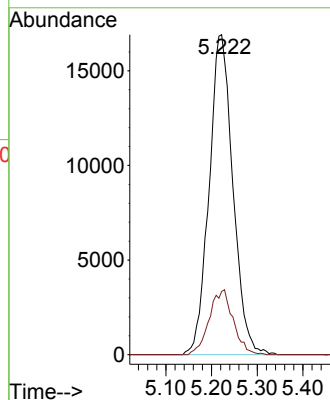
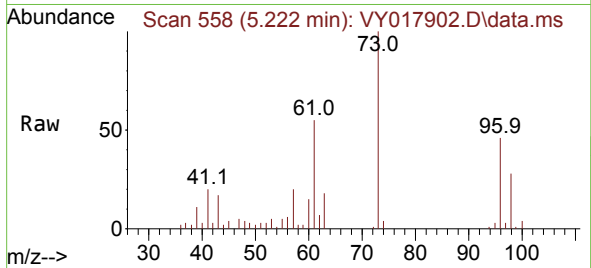




#19
Methyl tert-butyl Ether
Concen: 20.485 ug/l
RT: 5.222 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY017902.D
Acq: 11 Apr 2024 11:26

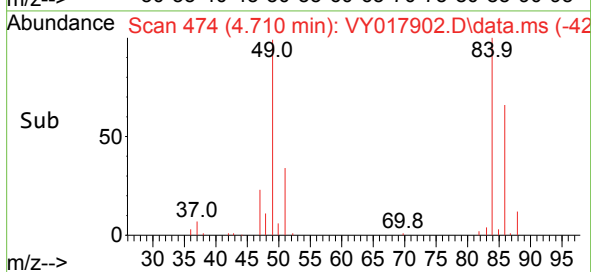
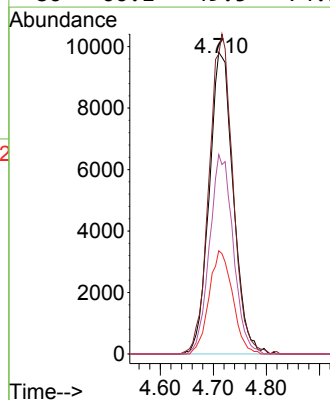
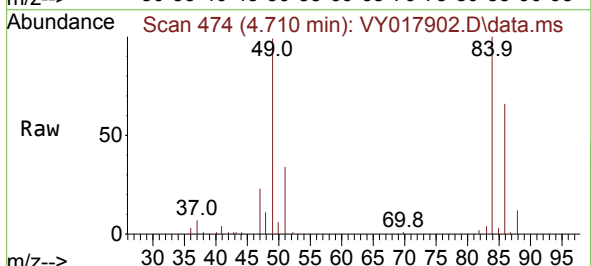
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

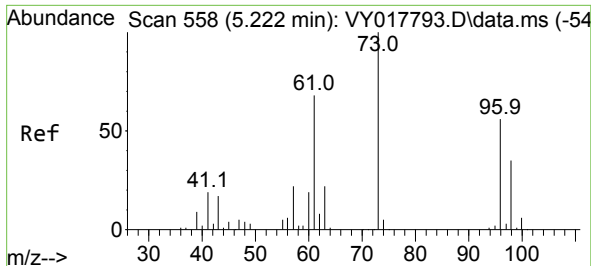
Tgt Ion: 73 Resp: 61188
Ion Ratio Lower Upper
73 100
57 19.7 17.3 25.9



#20
Methylene Chloride
Concen: 18.541 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY017902.D
Acq: 11 Apr 2024 11:26

Tgt Ion: 84 Resp: 30958
Ion Ratio Lower Upper
84 100
49 99.5 84.4 126.6
51 34.2 26.0 39.0
86 66.1 49.5 74.3

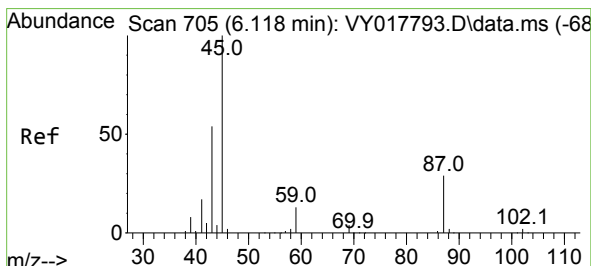
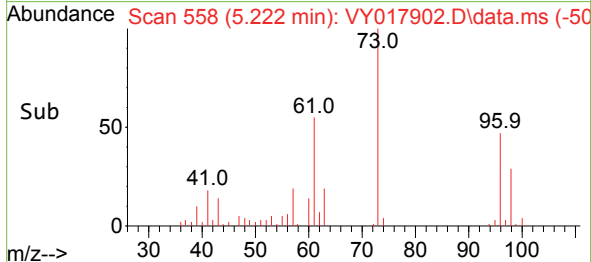
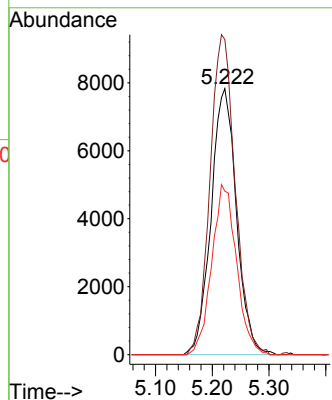
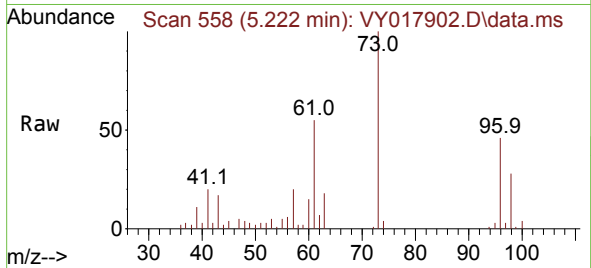




#21
trans-1,2-Dichloroethene
Concen: 17.411 ug/l
RT: 5.222 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY017902.D
Acq: 11 Apr 2024 11:26

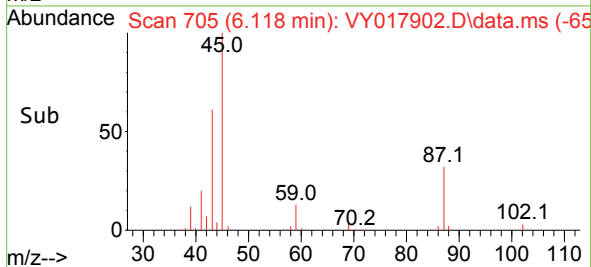
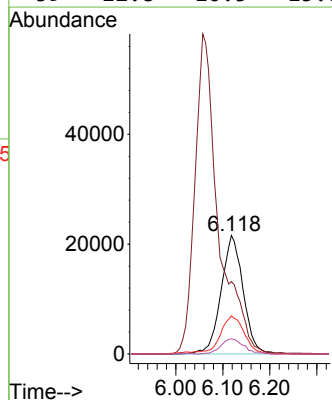
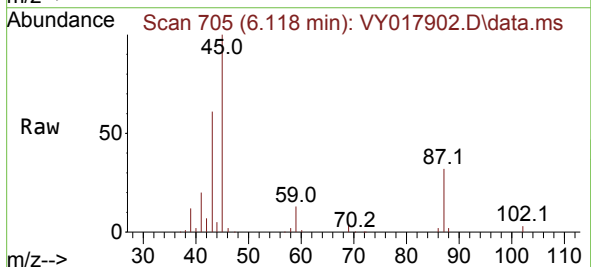
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

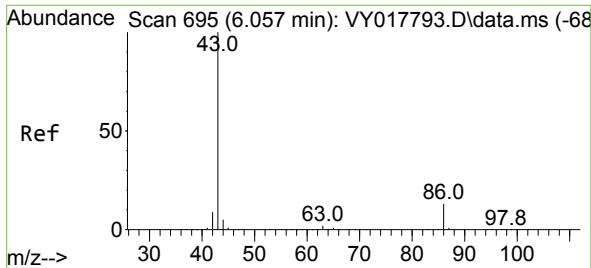
Tgt Ion: 96 Resp: 24306
Ion Ratio Lower Upper
96 100
61 118.5 97.5 146.3
98 61.4 50.5 75.7



#22
Diisopropyl ether
Concen: 19.004 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY017902.D
Acq: 11 Apr 2024 11:26

Tgt Ion: 45 Resp: 70298
Ion Ratio Lower Upper
45 100
43 59.9 42.2 63.2
87 32.1 25.0 37.6
59 12.8 10.5 15.7

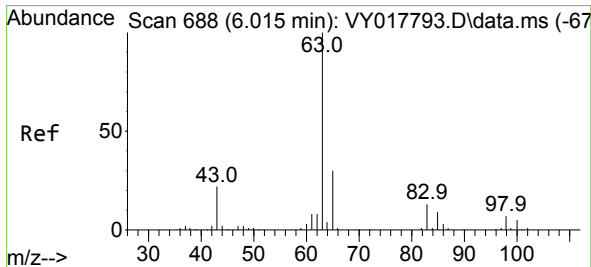
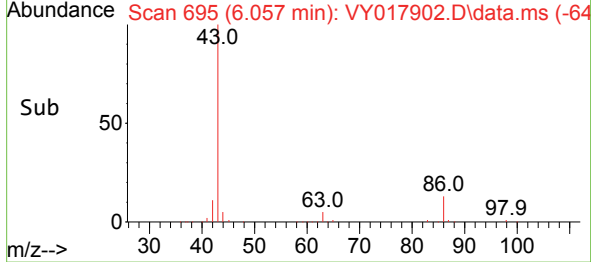
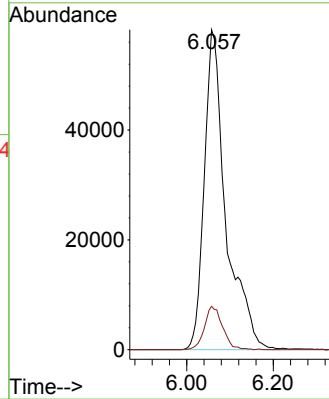
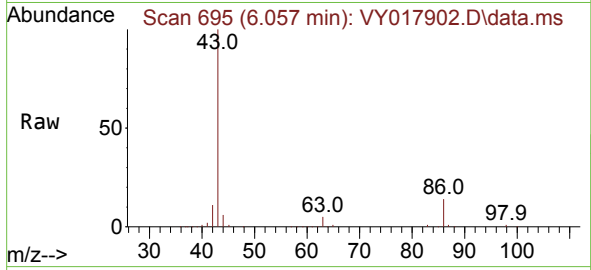




#23
 Vinyl Acetate
 Concen: 89.668 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY017902.D
 Acq: 11 Apr 2024 11:26

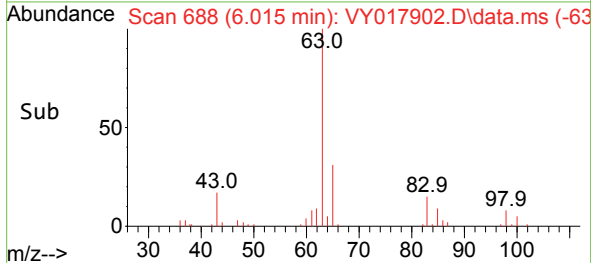
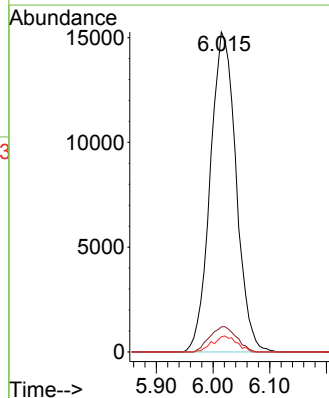
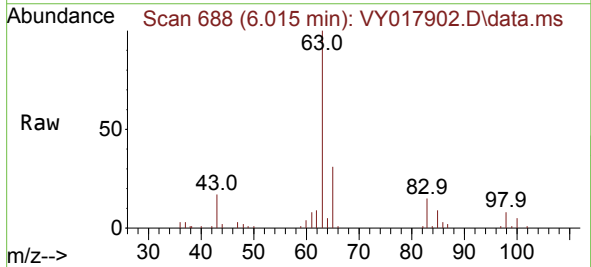
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0411SBS01

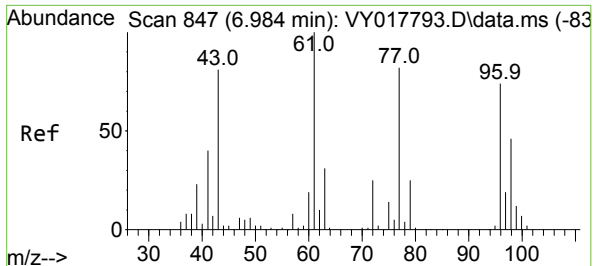
Tgt Ion: 43 Resp: 202518
 Ion Ratio Lower Upper
 43 100
 86 13.5 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 19.645 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY017902.D
 Acq: 11 Apr 2024 11:26

Tgt Ion: 63 Resp: 48232
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.0 12.2
 100 4.8 2.6 8.0





#25

2-Butanone

Concen: 93.323 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY017902.D

Acq: 11 Apr 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

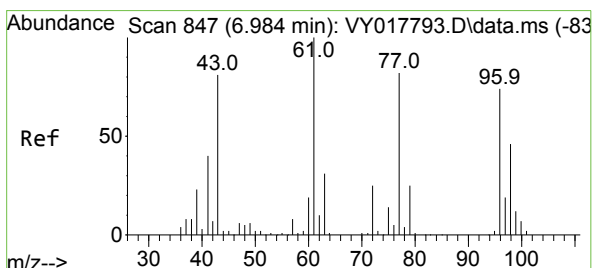
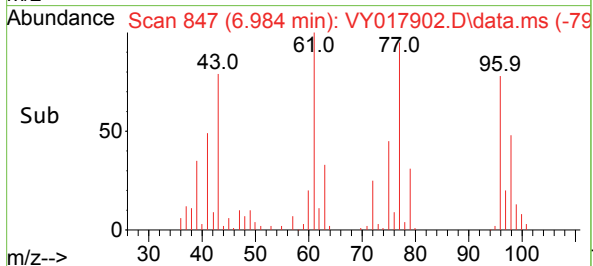
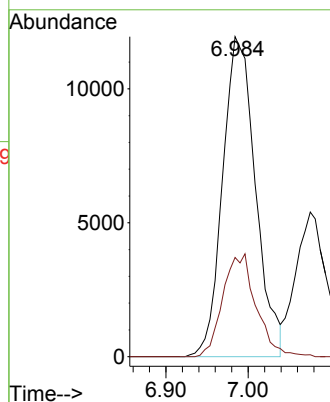
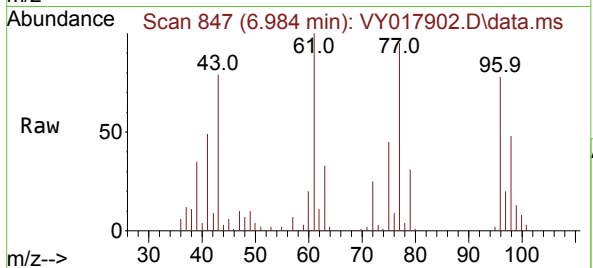
VY0411SBS01

Tgt Ion: 43 Resp: 33231

Ion Ratio Lower Upper

43 100

72 31.0 27.3 40.9



#26

2,2-Dichloropropane

Concen: 20.155 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY017902.D

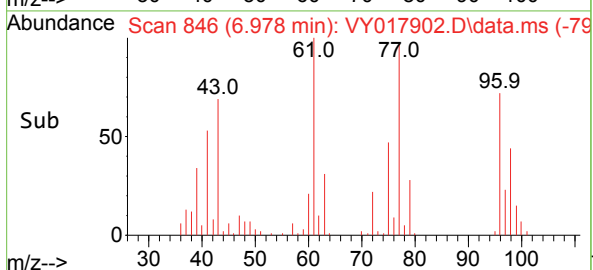
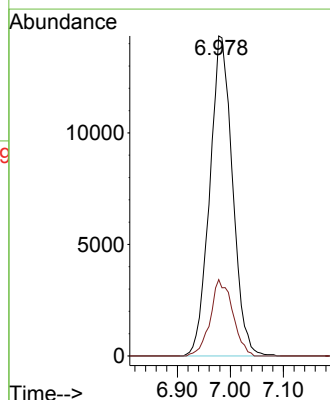
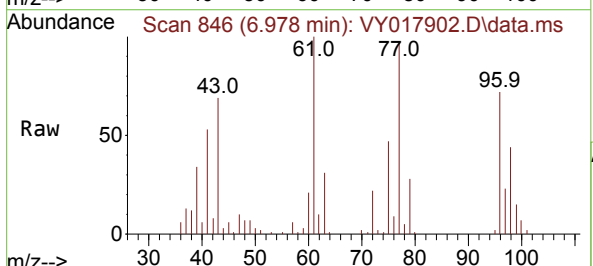
Acq: 11 Apr 2024 11:26

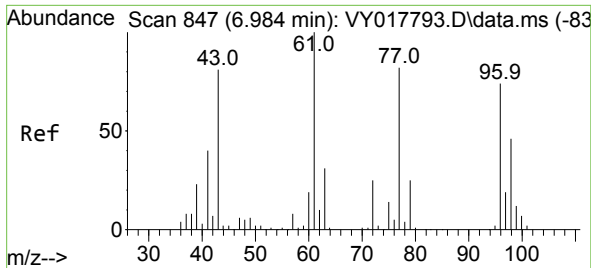
Tgt Ion: 77 Resp: 42741

Ion Ratio Lower Upper

77 100

97 23.5 12.0 36.1



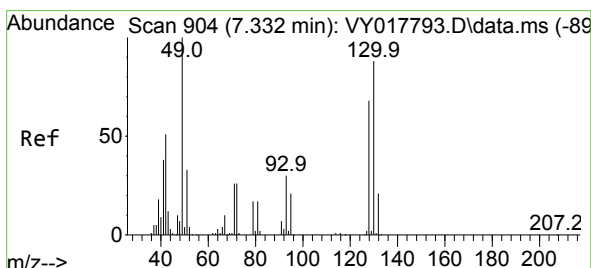
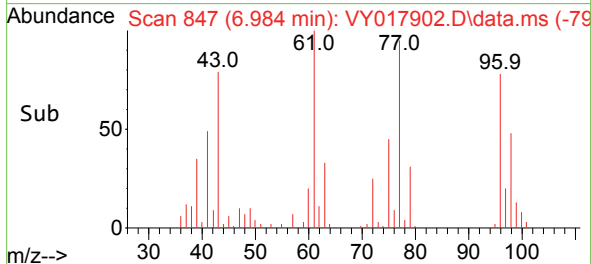
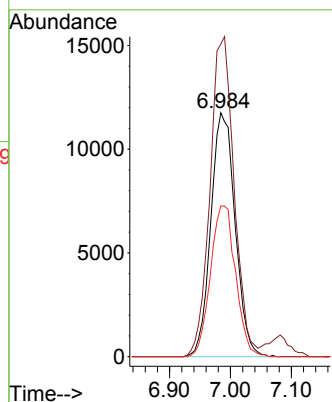
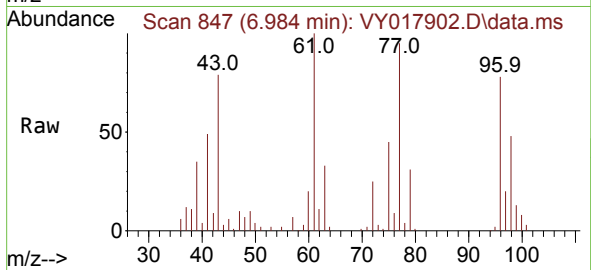


#27
 cis-1,2-Dichloroethene
 Concen: 19.756 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.000 min
 Lab File: VY017902.D
 Acq: 11 Apr 2024 11:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0411SBS01

Tgt Ion: 96 Resp: 32594

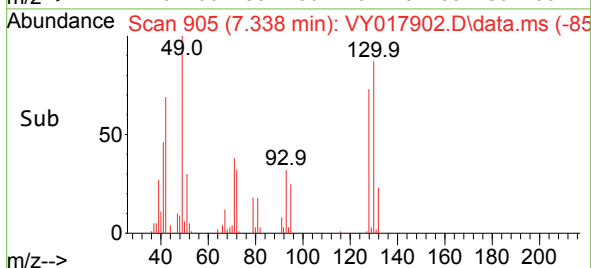
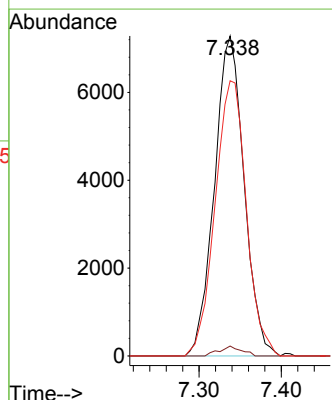
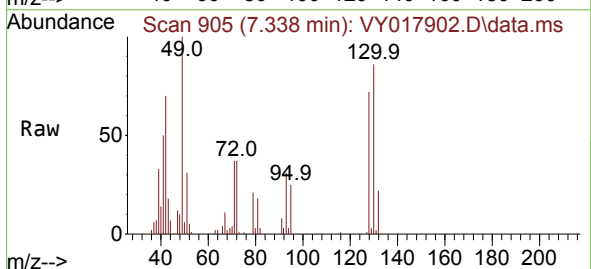
Ion	Ratio	Lower	Upper
96	100		
61	130.0	0.0	256.2
98	63.9	0.0	130.0

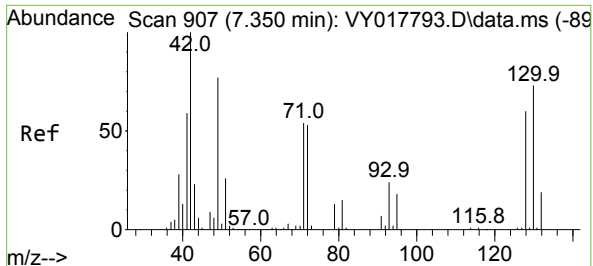


#28
 Bromochloromethane
 Concen: 18.299 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.006 min
 Lab File: VY017902.D
 Acq: 11 Apr 2024 11:26

Tgt Ion: 49 Resp: 18271

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	90.3	72.7	109.1





#29

Tetrahydrofuran

Concen: 90.629 ug/l

RT: 7.356 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY017902.D

Acq: 11 Apr 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBS01

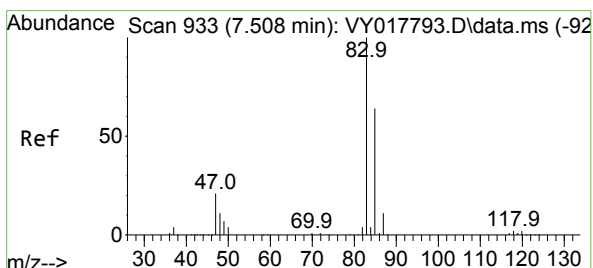
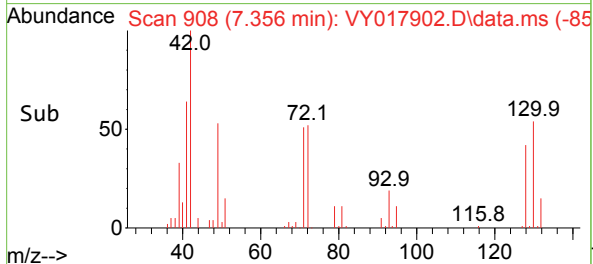
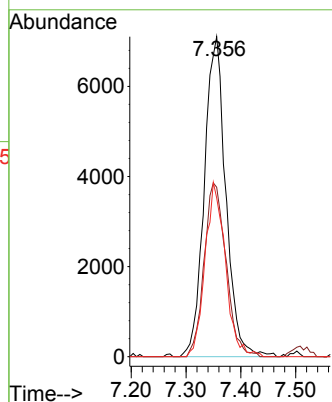
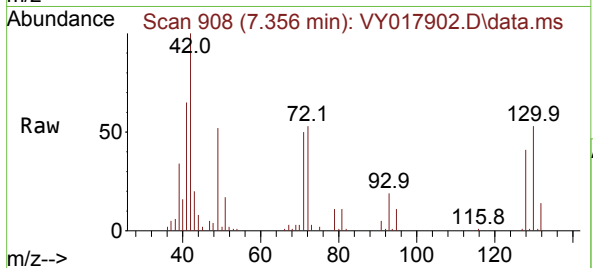
Tgt Ion: 42 Resp: 19364

Ion Ratio Lower Upper

42 100

72 55.2 43.0 64.4

71 50.8 40.8 61.2



#30

Chloroform

Concen: 21.630 ug/l

RT: 7.508 min Scan# 933

Delta R.T. -0.000 min

Lab File: VY017902.D

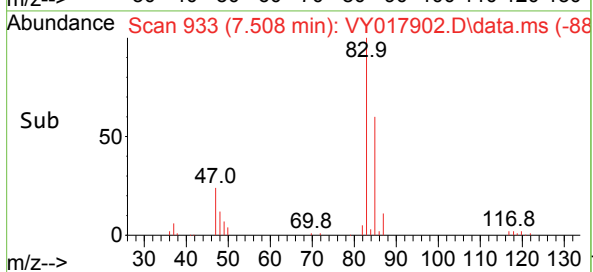
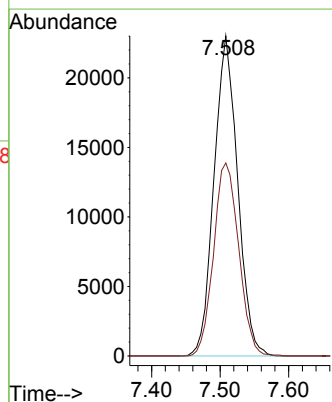
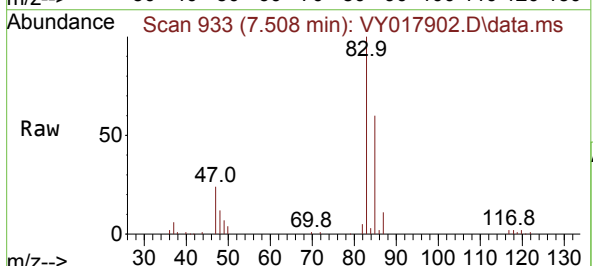
Acq: 11 Apr 2024 11:26

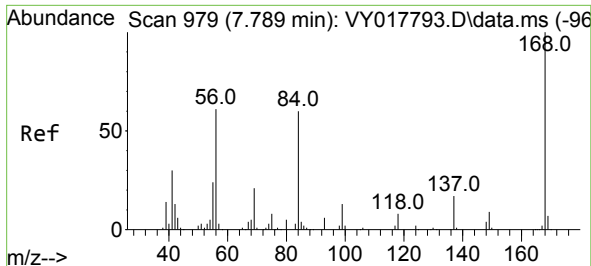
Tgt Ion: 83 Resp: 55101

Ion Ratio Lower Upper

83 100

85 60.3 52.2 78.4

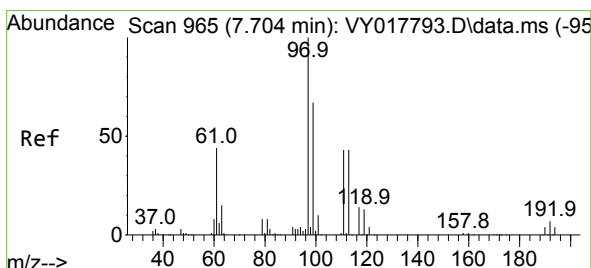
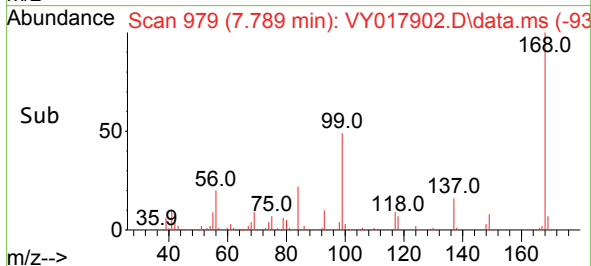
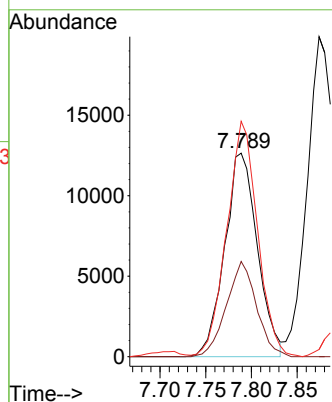
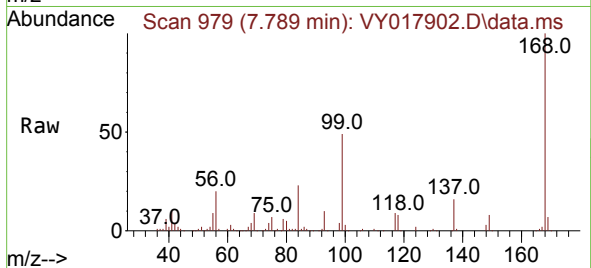




#31
Cyclohexane
Concen: 14.766 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017902.D
Acq: 11 Apr 2024 11:26

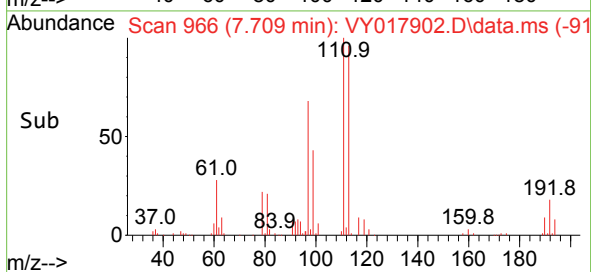
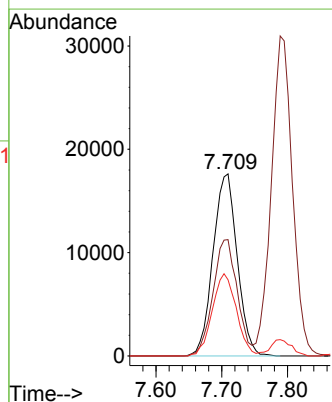
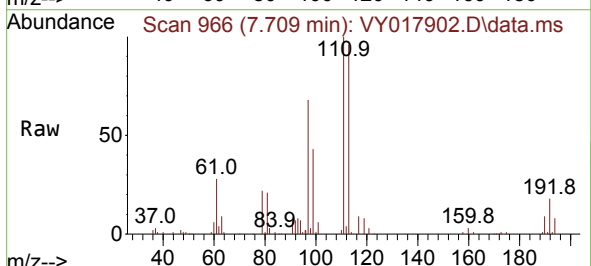
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

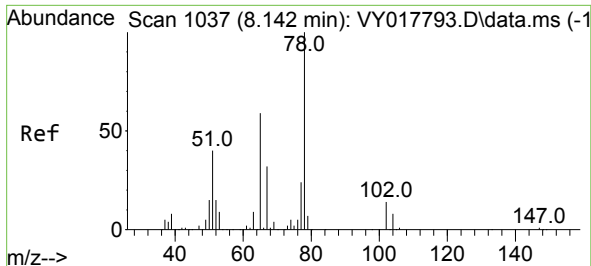
Tgt Ion: 56 Resp: 31455
Ion Ratio Lower Upper
56 100
69 46.8 28.7 43.1#
84 114.3 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 20.812 ug/l
RT: 7.709 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY017902.D
Acq: 11 Apr 2024 11:26

Tgt Ion: 97 Resp: 45123
Ion Ratio Lower Upper
97 100
99 64.0 50.3 75.5
61 44.9 32.6 48.8

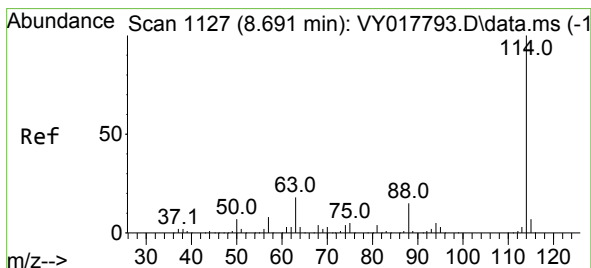
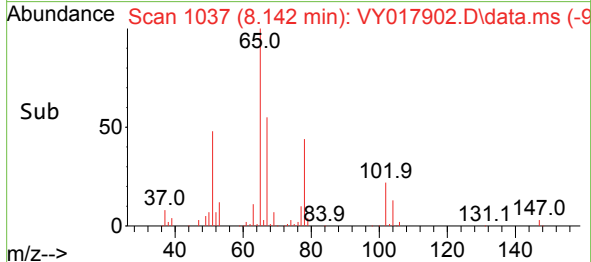
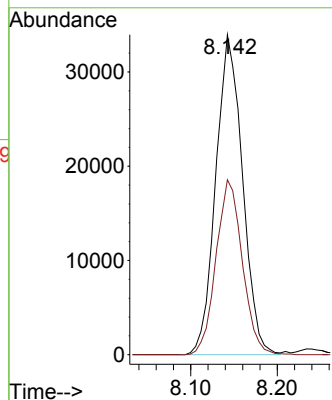
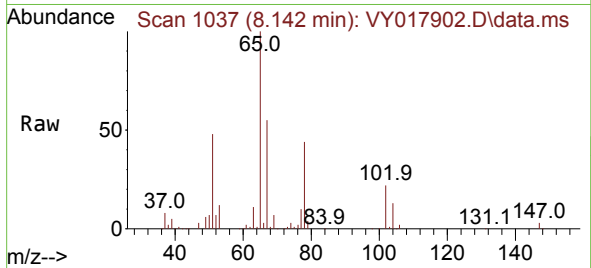




#33
 1,2-Dichloroethane-d4
 Concen: 60.099 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY017902.D
 Acq: 11 Apr 2024 11:26

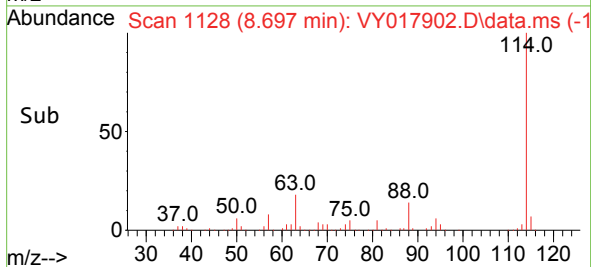
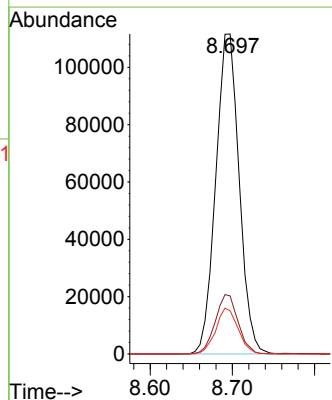
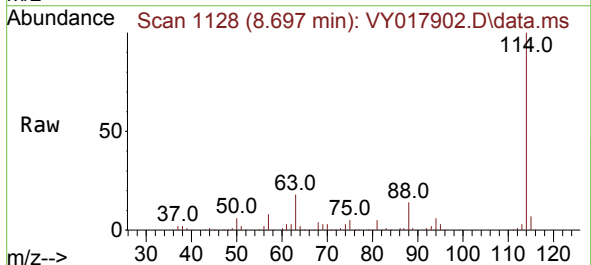
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0411SBS01

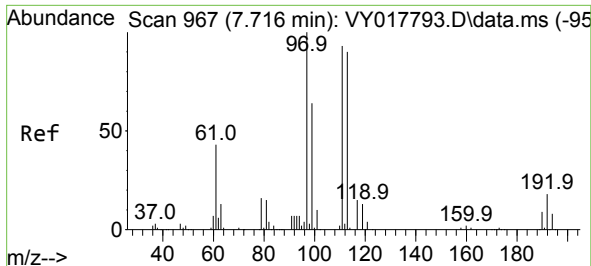
Tgt Ion: 65 Resp: 72675
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.006 min
 Lab File: VY017902.D
 Acq: 11 Apr 2024 11:26

Tgt Ion:114 Resp: 221164
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 35.0
 88 13.5 0.0 27.2

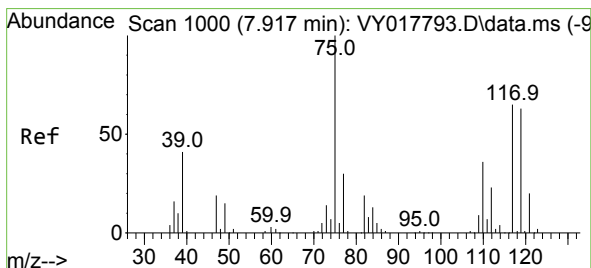
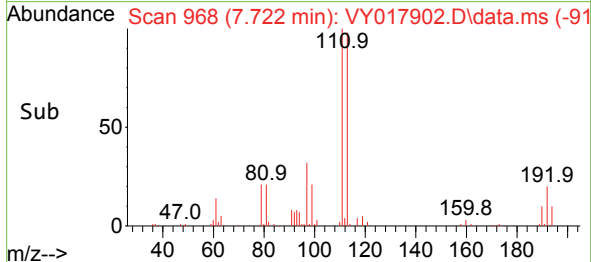
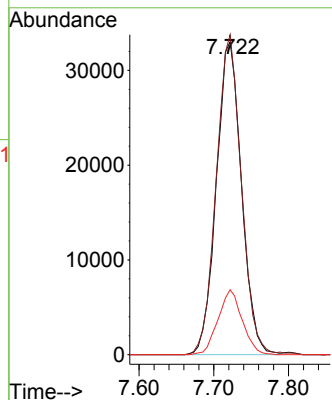
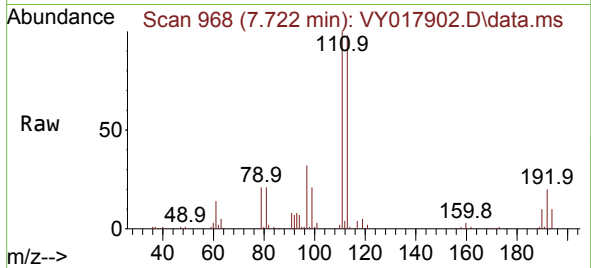




#35
Dibromofluoromethane
Concen: 60.391 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY017902.D
Acq: 11 Apr 2024 11:26

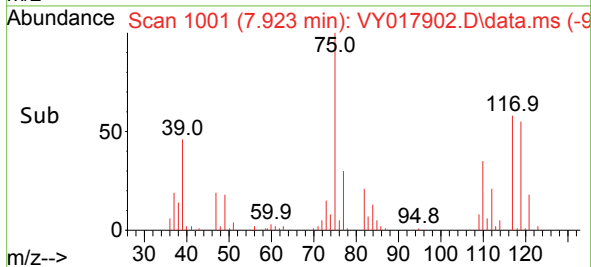
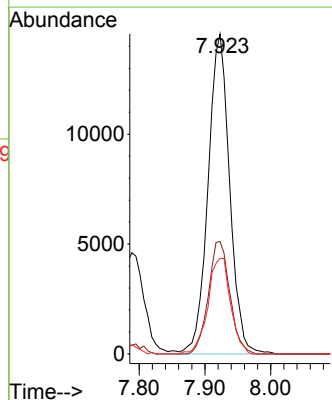
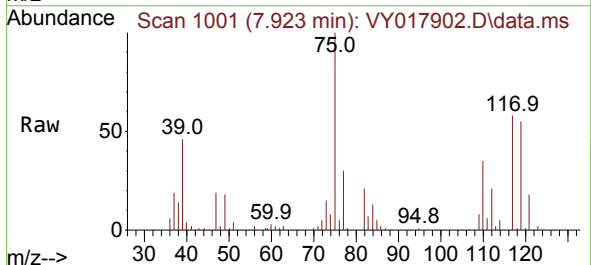
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

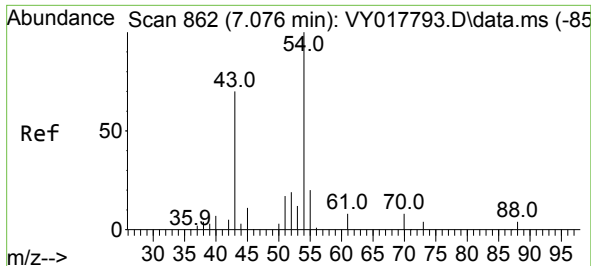
Tgt Ion:113 Resp: 77179
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 19.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 17.814 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY017902.D
Acq: 11 Apr 2024 11:26

Tgt Ion: 75 Resp: 33218
Ion Ratio Lower Upper
75 100
110 35.0 19.0 57.0
77 31.5 25.3 37.9





#37

Ethyl Acetate

Concen: 17.944 ug/l

RT: 7.075 min Scan# 862

Delta R.T. -0.000 min

Lab File: VY017902.D

Acq: 11 Apr 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBS01

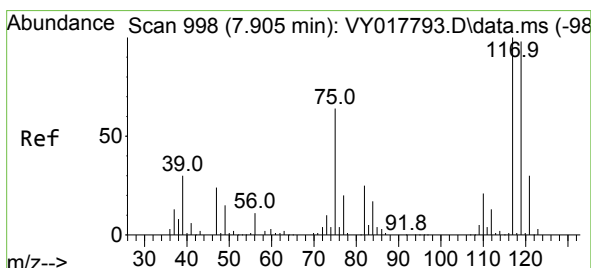
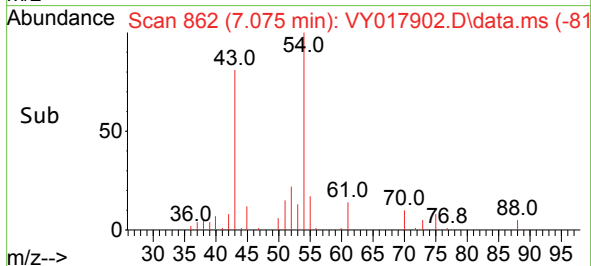
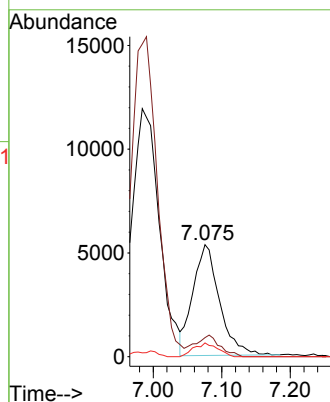
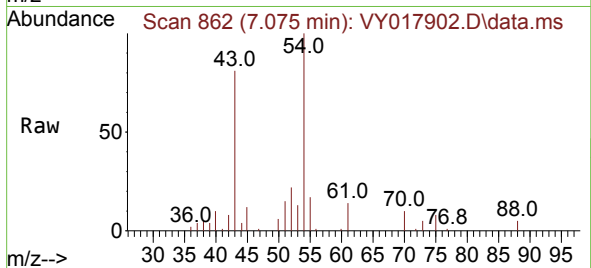
Tgt Ion: 43 Resp: 14439

Ion Ratio Lower Upper

43 100

61 18.1 12.6 19.0

70 11.0 7.8 11.8



#38

Carbon Tetrachloride

Concen: 19.882 ug/l

RT: 7.905 min Scan# 998

Delta R.T. -0.000 min

Lab File: VY017902.D

Acq: 11 Apr 2024 11:26

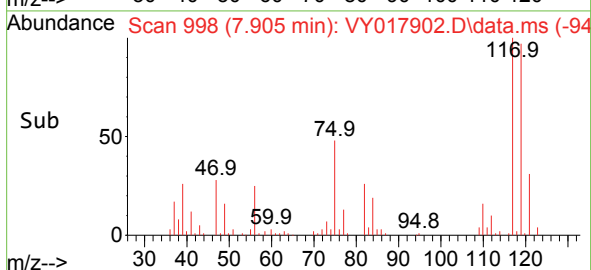
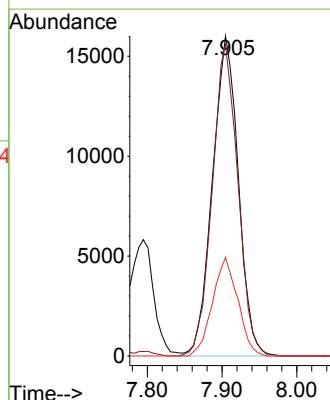
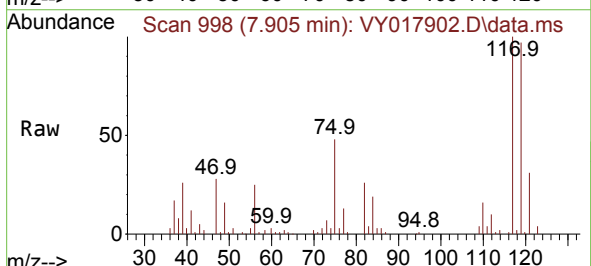
Tgt Ion: 117 Resp: 38487

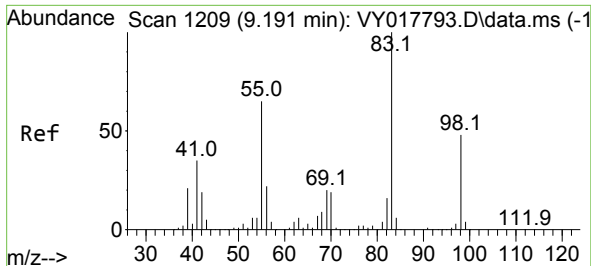
Ion Ratio Lower Upper

117 100

119 97.3 75.8 113.6

121 30.7 24.0 36.0





#39

Methylcyclohexane

Concen: 15.376 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017902.D

Acq: 11 Apr 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBS01

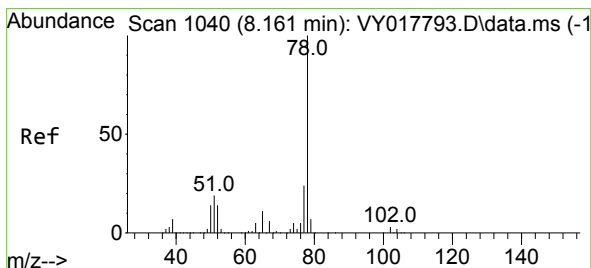
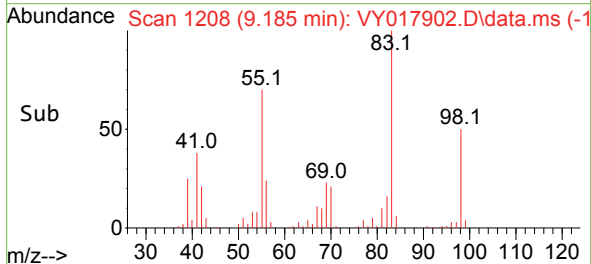
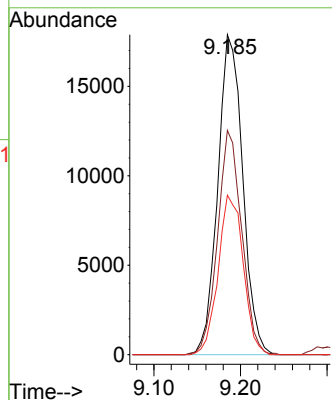
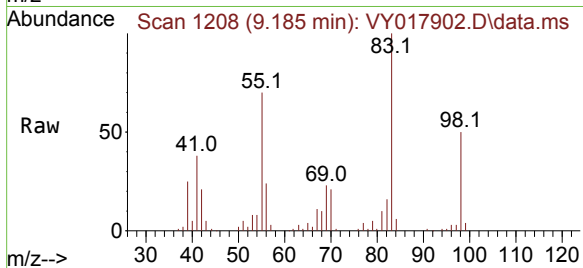
Tgt Ion: 83 Resp: 35813

Ion Ratio Lower Upper

83 100

55 70.1 51.5 77.3

98 49.9 40.5 60.7



#40

Benzene

Concen: 18.591 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY017902.D

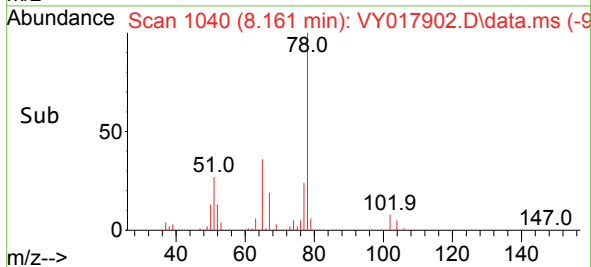
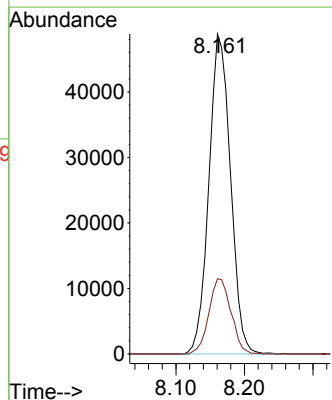
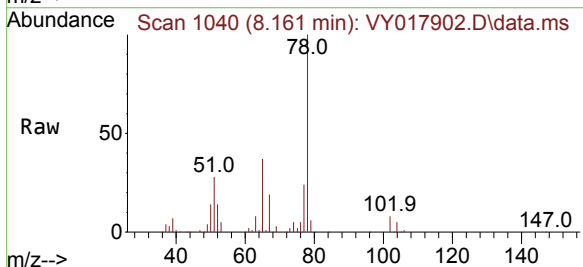
Acq: 11 Apr 2024 11:26

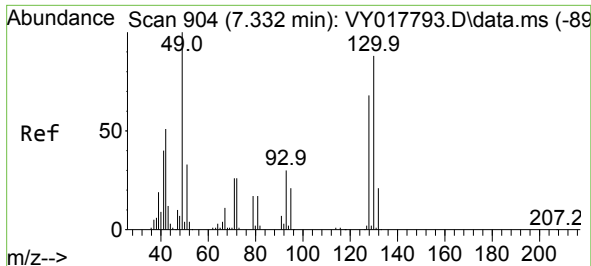
Tgt Ion: 78 Resp: 106836

Ion Ratio Lower Upper

78 100

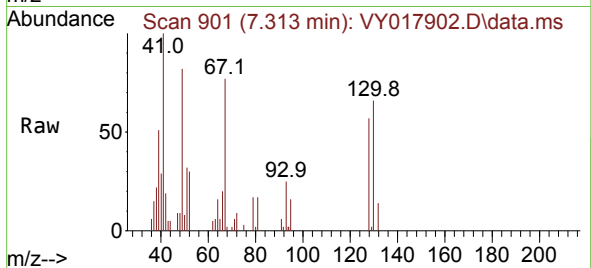
77 23.5 19.5 29.3



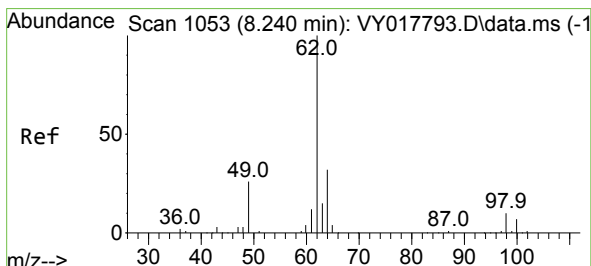
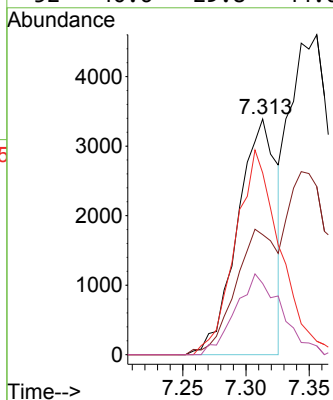
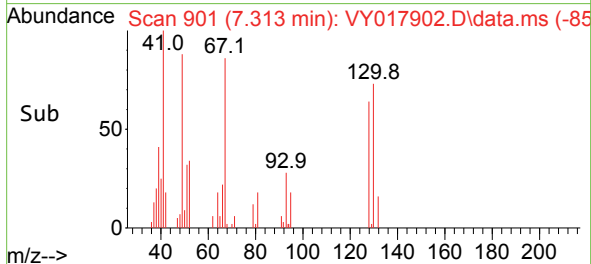


#41
Methacrylonitrile
Concen: 17.945 ug/l
RT: 7.313 min Scan# 904
Delta R.T. -0.019 min
Lab File: VY017902.D
Acq: 11 Apr 2024 11:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

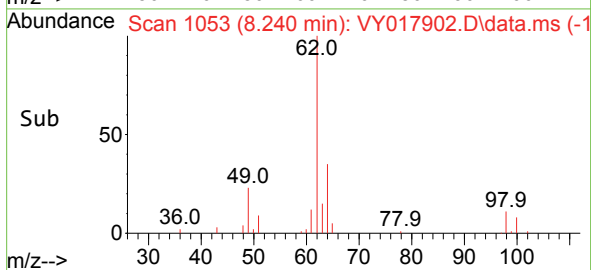
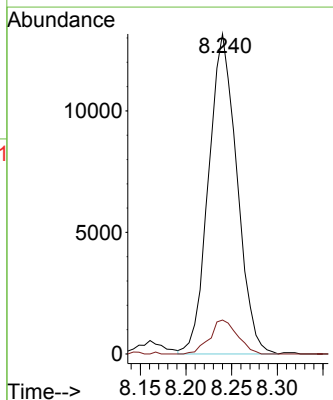
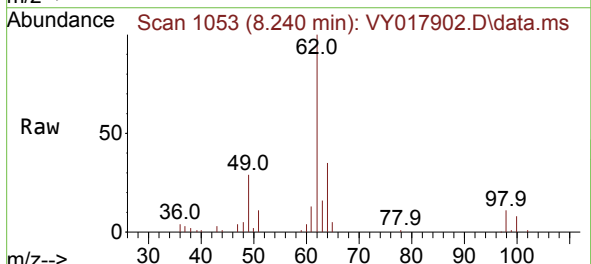


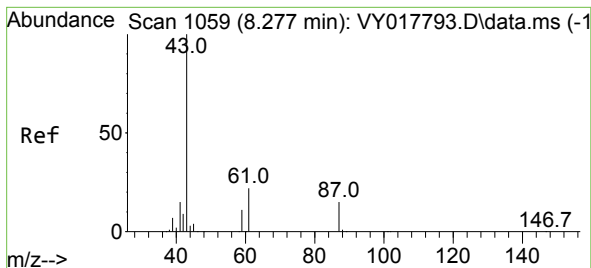
Tgt Ion:	41	Resp:	7296
Ion	Ratio	Lower	Upper
41	100		
39	56.3	48.0	72.0
67	99.6	75.1	112.7
52	40.6	29.8	44.6



#42
1,2-Dichloroethane
Concen: 20.095 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY017902.D
Acq: 11 Apr 2024 11:26

Tgt Ion:	62	Resp:	28423
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	22.0





#43

Isopropyl Acetate

Concen: 19.094 ug/l

RT: 8.276 min Scan# 11059

Delta R.T. -0.000 min

Lab File: VY017902.D

Acq: 11 Apr 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBS01

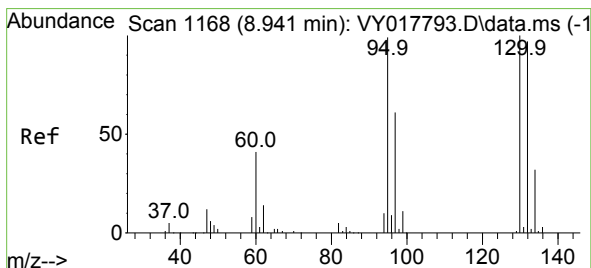
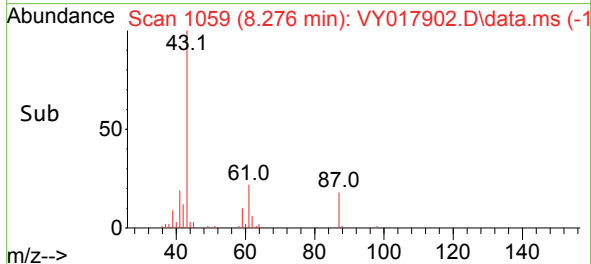
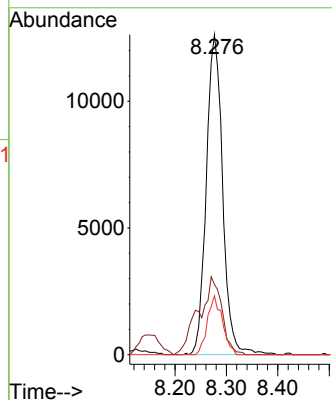
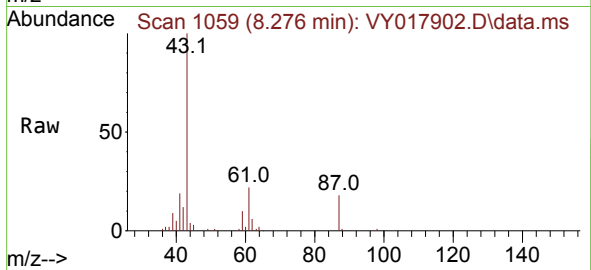
Tgt Ion: 43 Resp: 27883

Ion Ratio Lower Upper

43 100

61 34.5 27.9 41.9

87 16.9 13.1 19.7



#44

Trichloroethene

Concen: 19.210 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VY017902.D

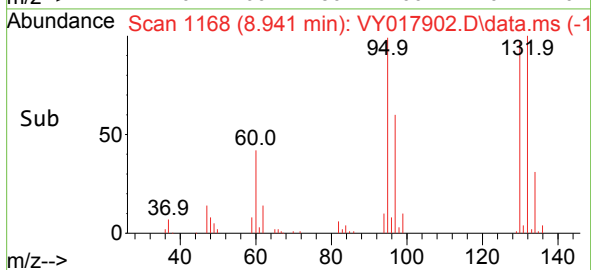
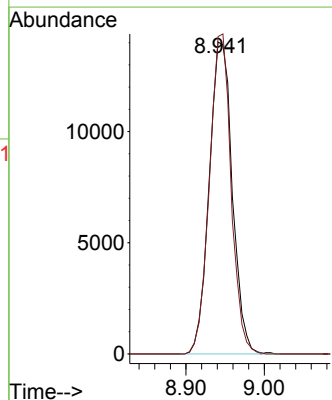
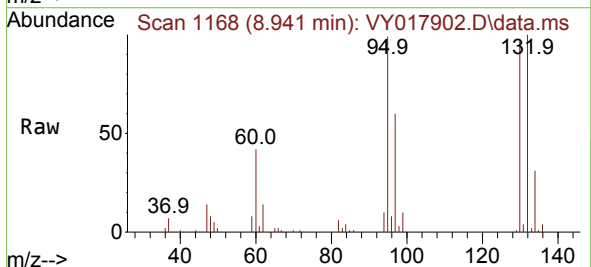
Acq: 11 Apr 2024 11:26

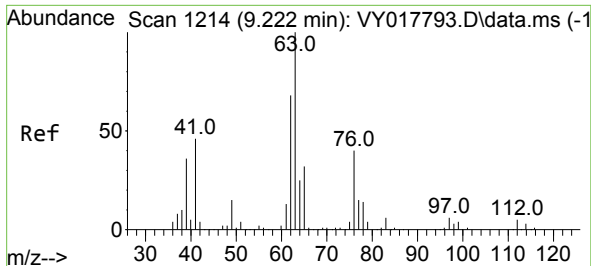
Tgt Ion:130 Resp: 28721

Ion Ratio Lower Upper

130 100

95 101.7 0.0 188.0





#45

1,2-Dichloropropane

Concen: 19.165 ug/l

RT: 9.221 min Scan# 1214

Delta R.T. -0.000 min

Lab File: VY017902.D

Acq: 11 Apr 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

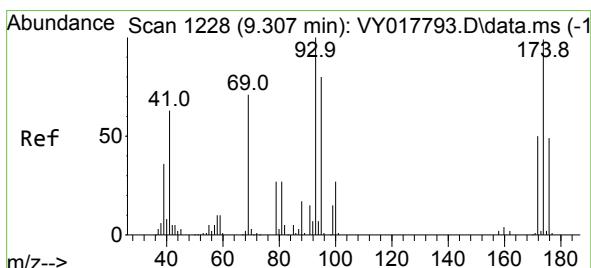
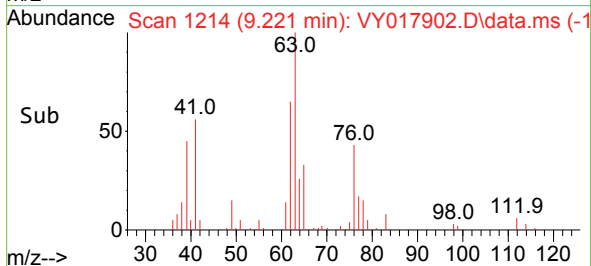
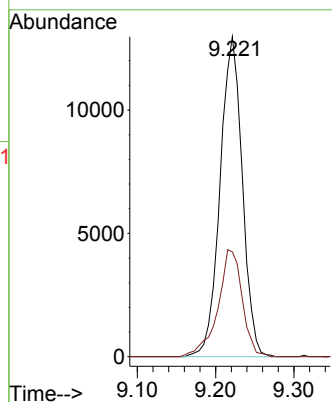
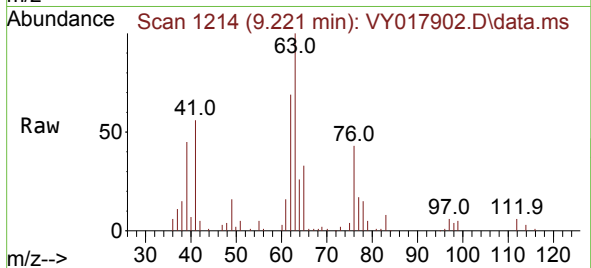
VY0411SBS01

Tgt Ion: 63 Resp: 25592

Ion Ratio Lower Upper

63 100

65 32.8 25.4 38.2



#46

Dibromomethane

Concen: 20.496 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY017902.D

Acq: 11 Apr 2024 11:26

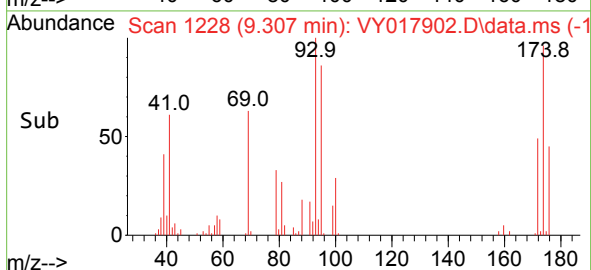
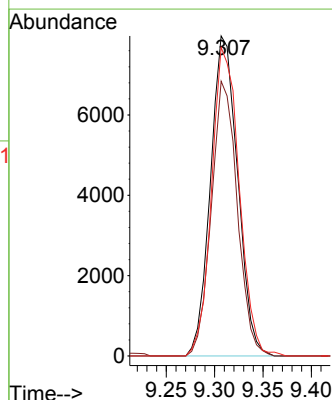
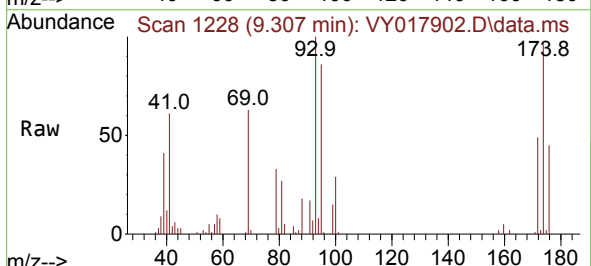
Tgt Ion: 93 Resp: 15549

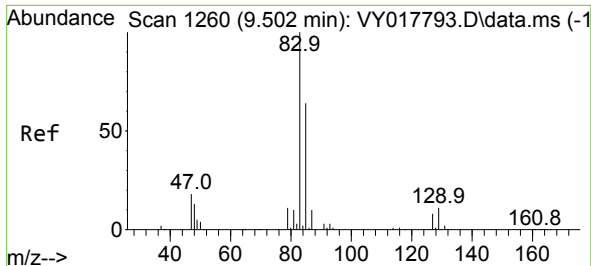
Ion Ratio Lower Upper

93 100

95 81.9 66.2 99.4

174 97.8 80.9 121.3

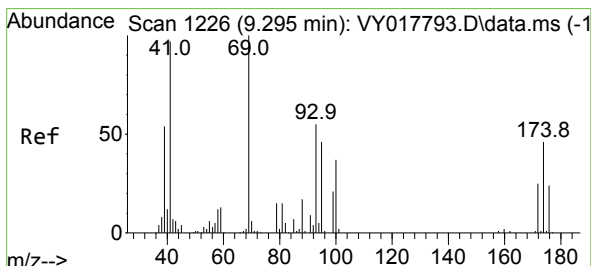
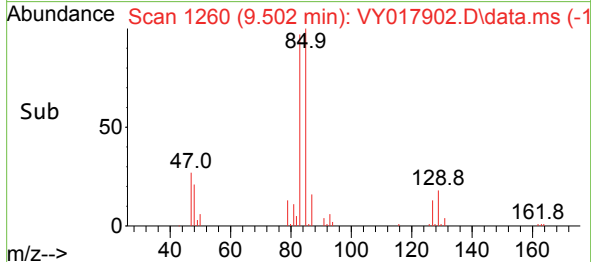
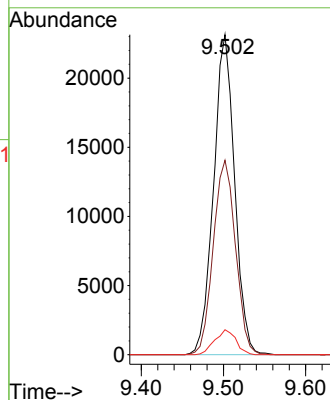
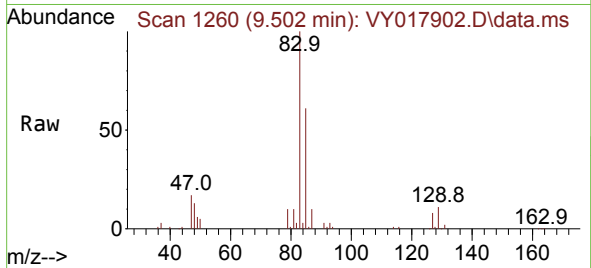




#47
Bromodichloromethane
Concen: 21.469 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VY017902.D
Acq: 11 Apr 2024 11:26

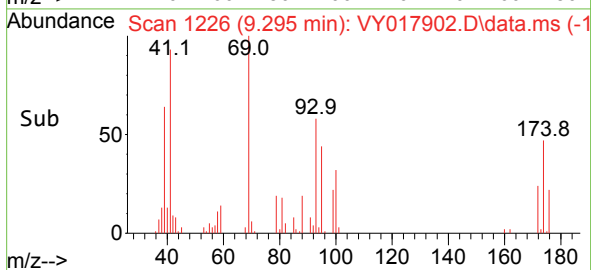
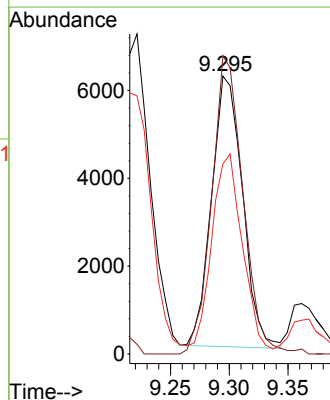
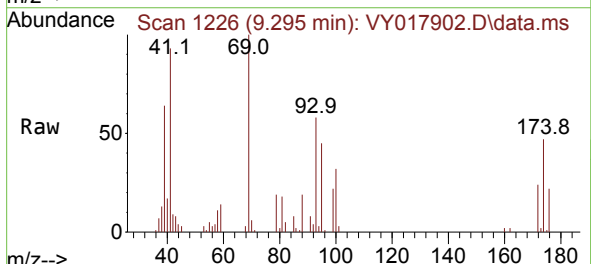
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

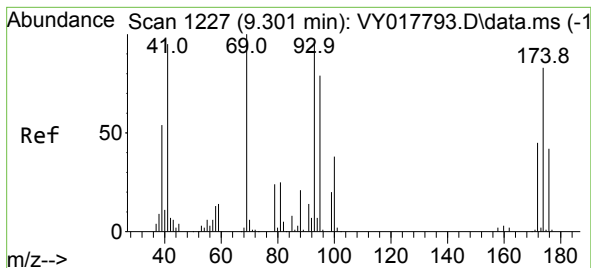
Tgt Ion: 83 Resp: 41154
Ion Ratio Lower Upper
83 100
85 60.7 50.1 75.1
127 7.8 7.4 11.0



#48
Methyl methacrylate
Concen: 20.165 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY017902.D
Acq: 11 Apr 2024 11:26

Tgt Ion: 41 Resp: 11304
Ion Ratio Lower Upper
41 100
69 111.4 84.1 126.1
39 74.1 43.6 65.4#





#49

1,4-Dioxane

Concen: 410.729 ug/l

RT: 9.313 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017902.D

Acq: 11 Apr 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBS01

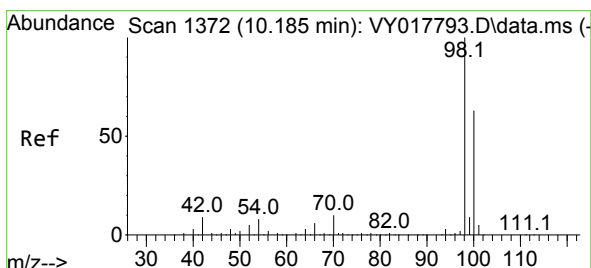
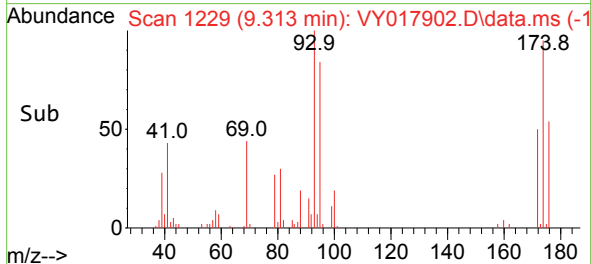
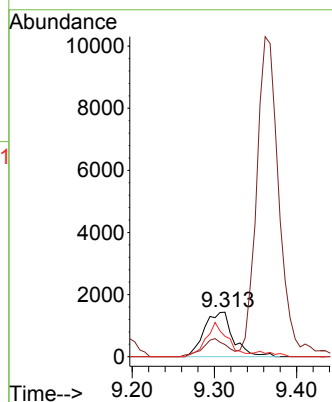
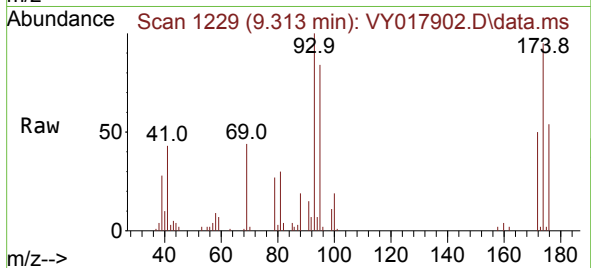
Tgt Ion: 88 Resp: 3498

Ion Ratio Lower Upper

88 100

43 33.6 0.0 0.0#

58 57.8 49.3 73.9



#50

Toluene-d8

Concen: 59.346 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.000 min

Lab File: VY017902.D

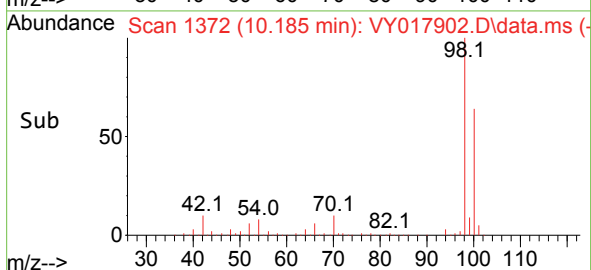
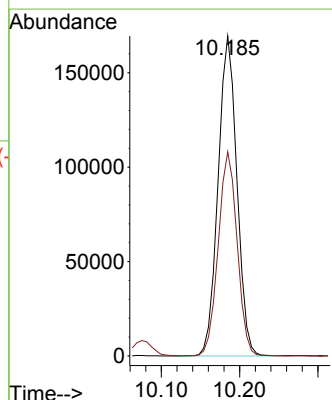
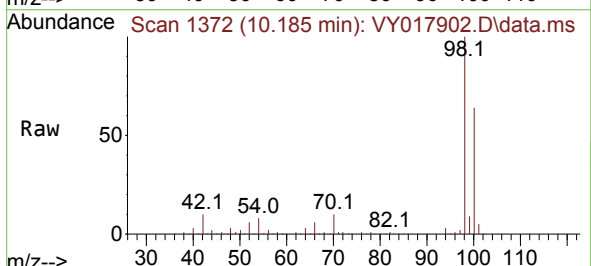
Acq: 11 Apr 2024 11:26

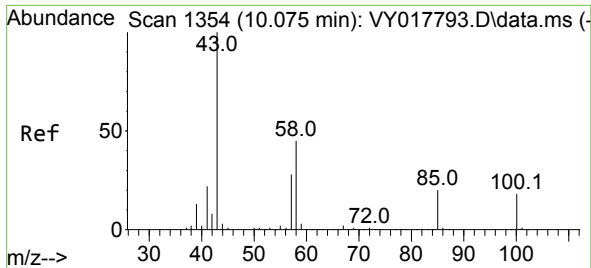
Tgt Ion: 98 Resp: 283307

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0

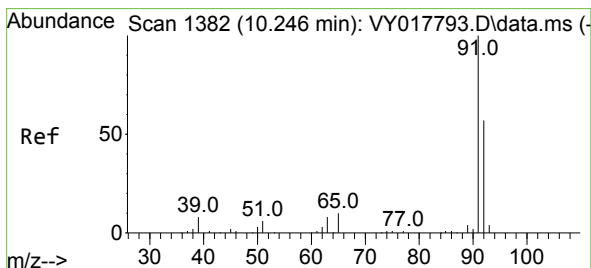
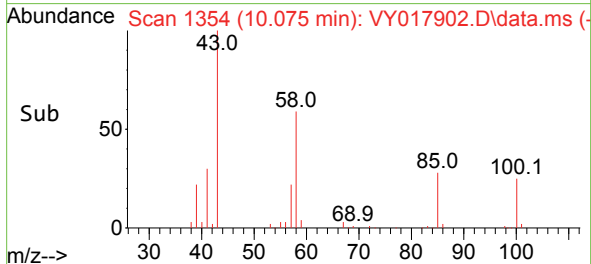
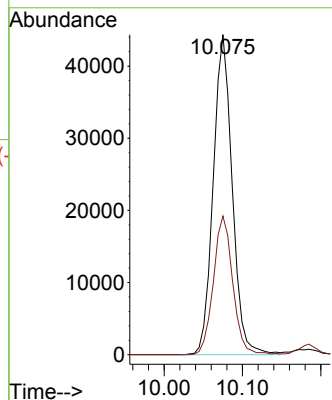
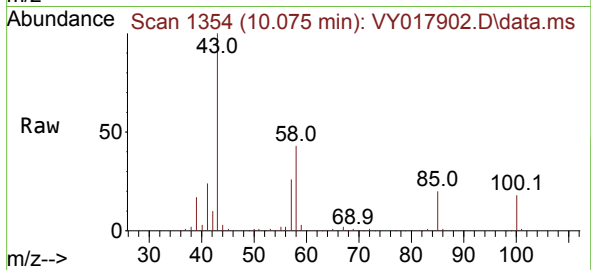




#51
4-Methyl-2-Pentanone
Concen: 111.656 ug/l
RT: 10.075 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017902.D
Acq: 11 Apr 2024 11:26

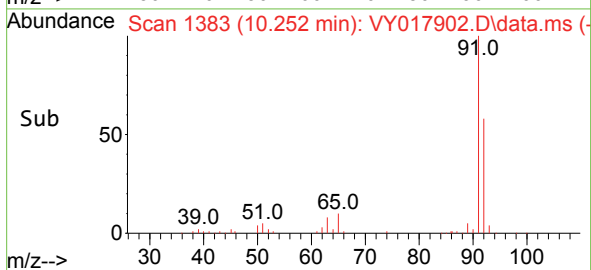
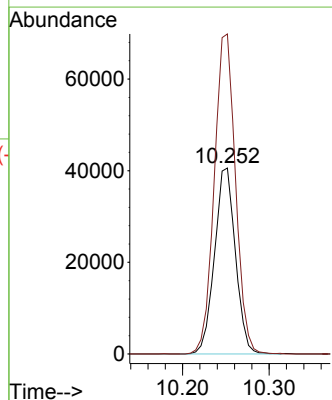
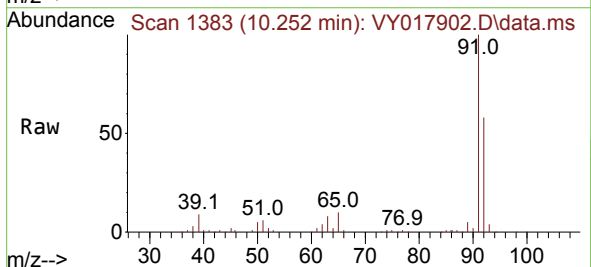
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

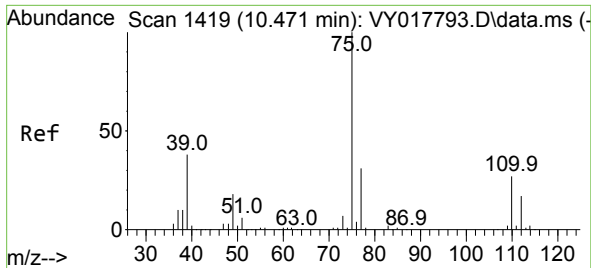
Tgt Ion: 43 Resp: 74768
Ion Ratio Lower Upper
43 100
58 44.2 35.7 53.5



#52
Toluene
Concen: 19.503 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY017902.D
Acq: 11 Apr 2024 11:26

Tgt Ion: 92 Resp: 67982
Ion Ratio Lower Upper
92 100
91 174.9 139.0 208.6

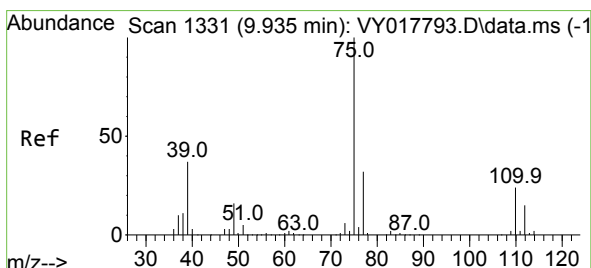
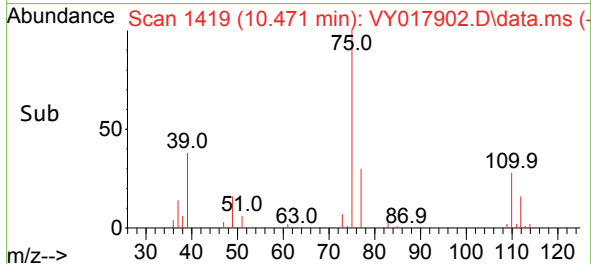
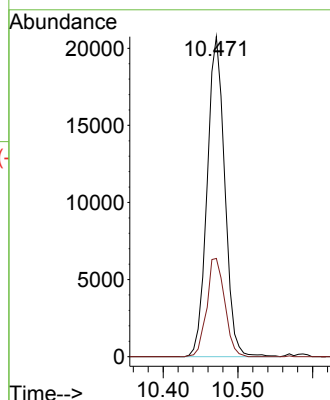
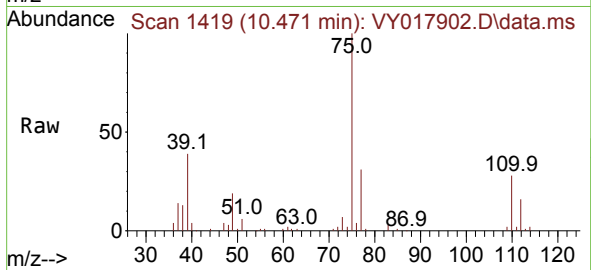




#53
 t-1,3-Dichloropropene
 Concen: 19.925 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. -0.000 min
 Lab File: VY017902.D
 Acq: 11 Apr 2024 11:26

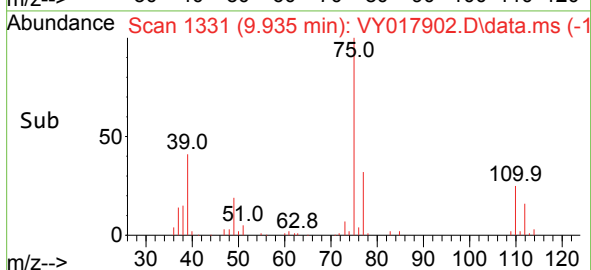
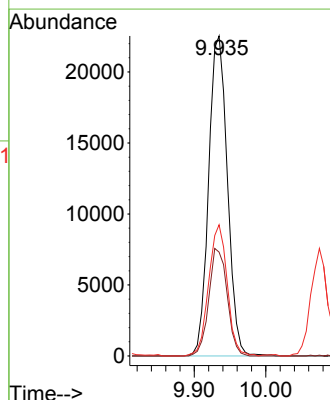
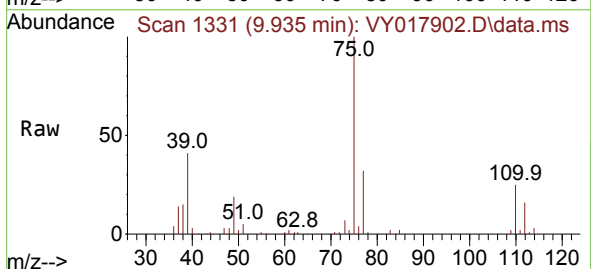
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0411SBS01

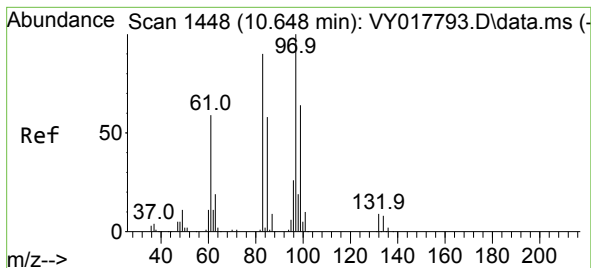
Tgt Ion: 75 Resp: 33914
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 19.755 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. -0.000 min
 Lab File: VY017902.D
 Acq: 11 Apr 2024 11:26

Tgt Ion: 75 Resp: 41037
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.4 38.0
 39 41.0 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 20.712 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VY017902.D

Acq: 11 Apr 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBS01

Tgt Ion: 97 Resp: 20937

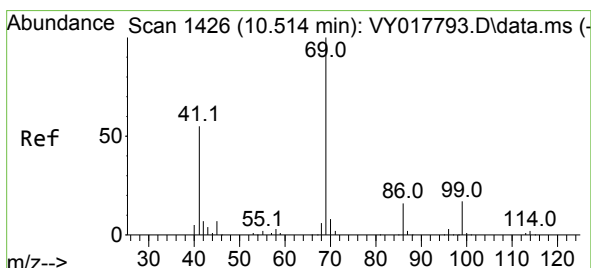
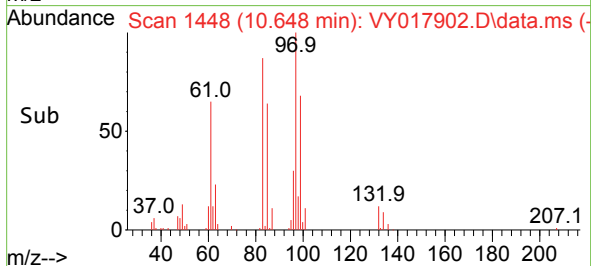
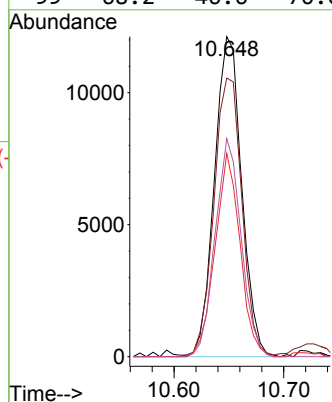
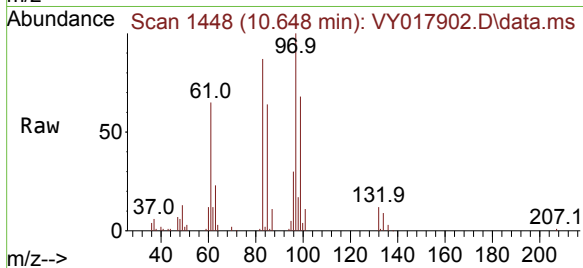
Ion Ratio Lower Upper

97 100

83 87.1 67.5 101.3

85 63.5 42.9 64.3

99 68.2 46.6 70.0



#56

Ethyl methacrylate

Concen: 21.790 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. -0.000 min

Lab File: VY017902.D

Acq: 11 Apr 2024 11:26

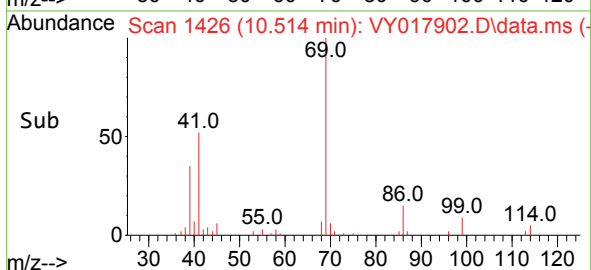
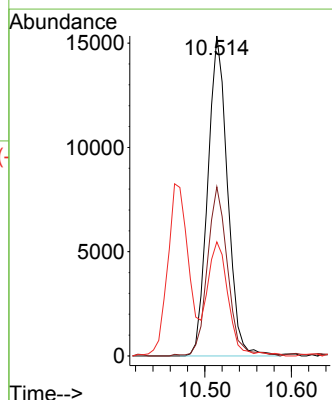
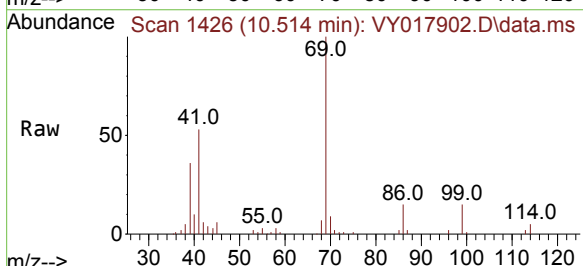
Tgt Ion: 69 Resp: 24347

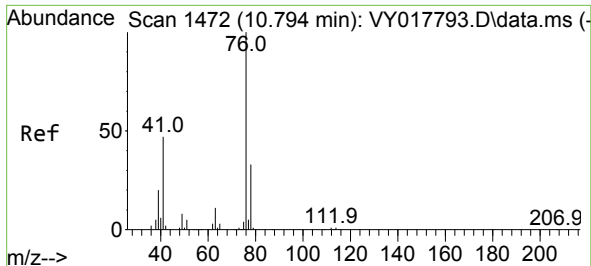
Ion Ratio Lower Upper

69 100

41 54.3 42.3 63.5

39 36.5 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 20.511 ug/l

RT: 10.794 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VY017902.D

Acq: 11 Apr 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

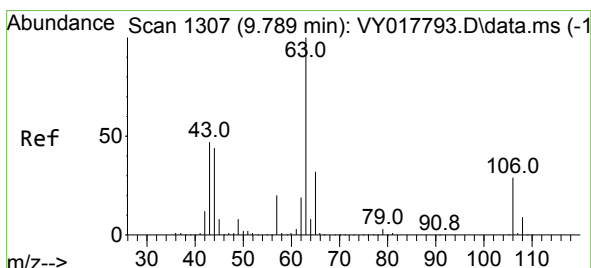
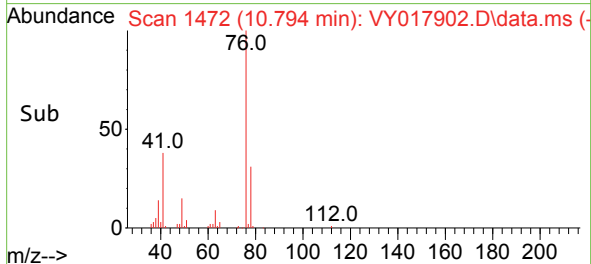
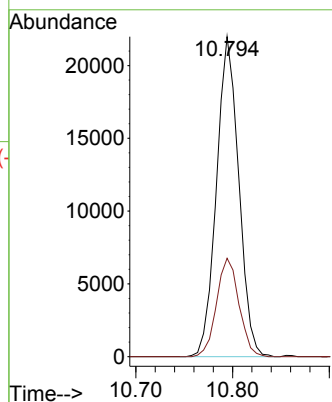
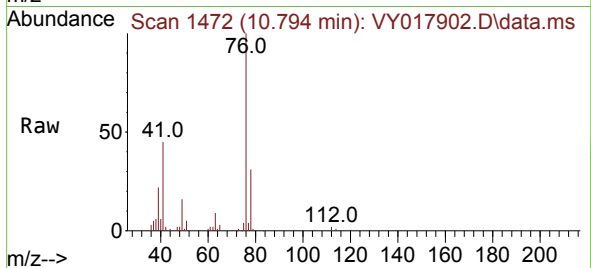
VY0411SBS01

Tgt Ion: 76 Resp: 35067

Ion Ratio Lower Upper

76 100

78 30.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 110.800 ug/l

RT: 9.788 min Scan# 1307

Delta R.T. -0.001 min

Lab File: VY017902.D

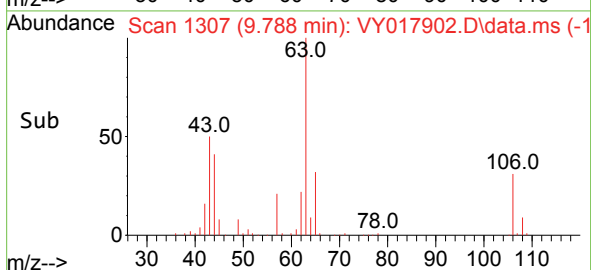
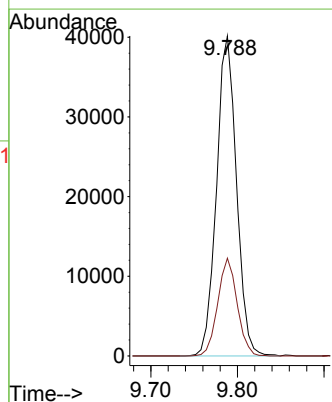
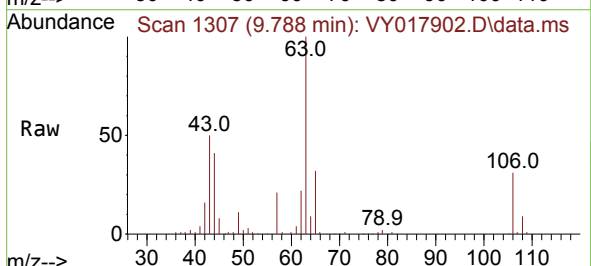
Acq: 11 Apr 2024 11:26

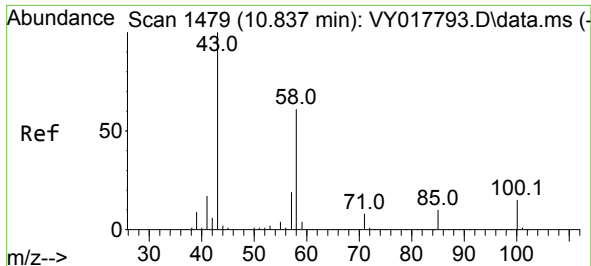
Tgt Ion: 63 Resp: 64277

Ion Ratio Lower Upper

63 100

106 29.7 23.7 35.5

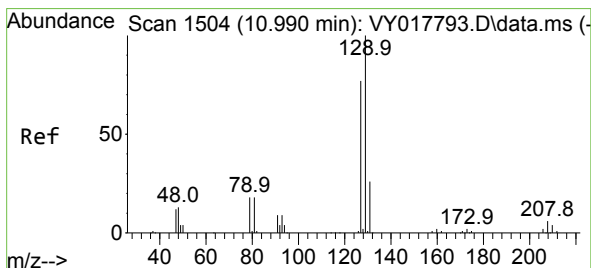
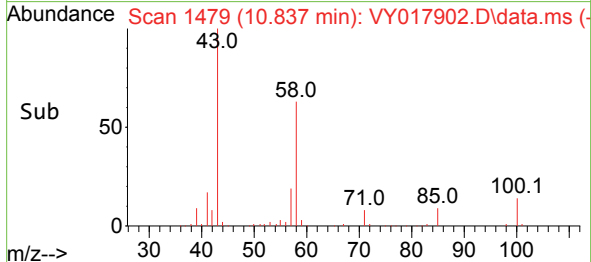
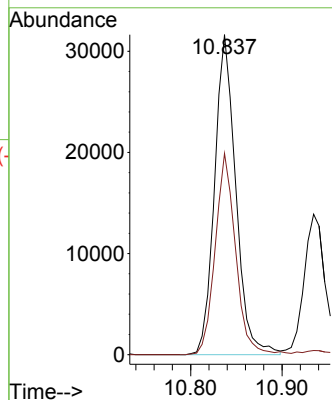
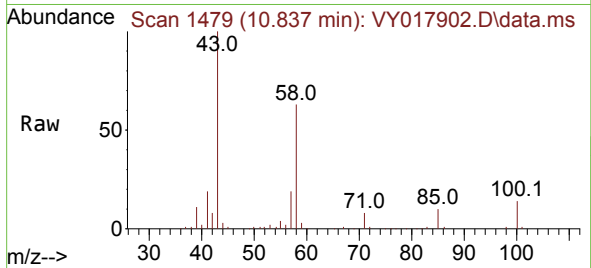




#59
2-Hexanone
Concen: 109.630 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VY017902.D
Acq: 11 Apr 2024 11:26

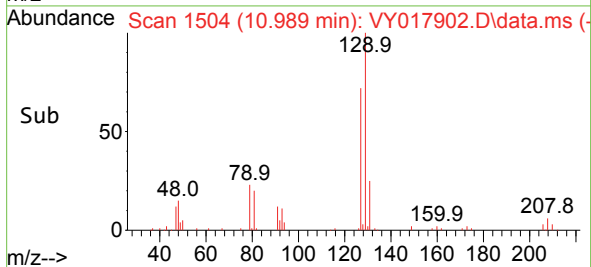
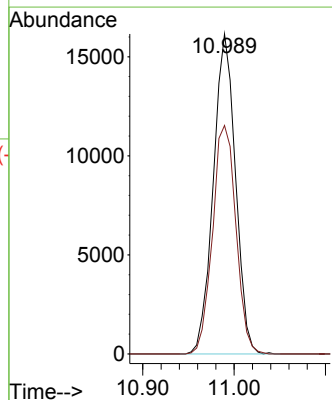
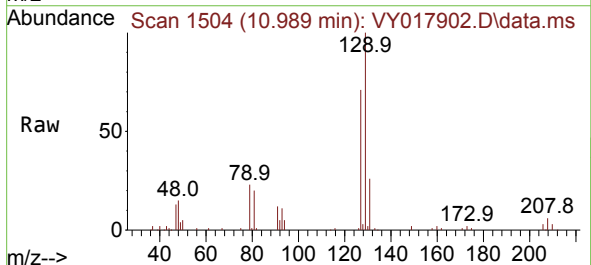
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

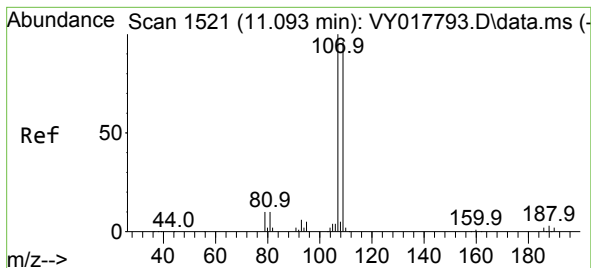
Tgt Ion: 43 Resp: 51041
Ion Ratio Lower Upper
43 100
58 60.6 31.4 94.0



#60
Dibromochloromethane
Concen: 21.352 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. -0.000 min
Lab File: VY017902.D
Acq: 11 Apr 2024 11:26

Tgt Ion: 129 Resp: 27223
Ion Ratio Lower Upper
129 100
127 75.2 39.0 117.0

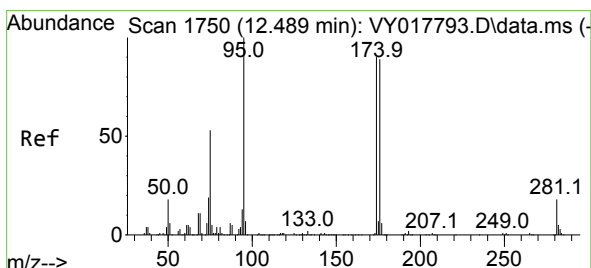
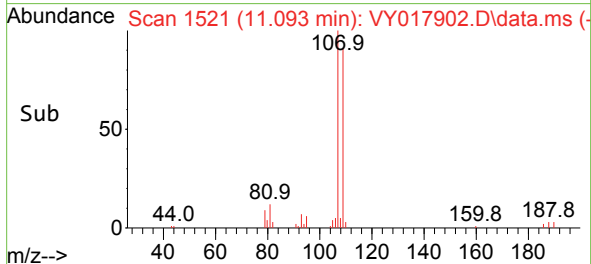
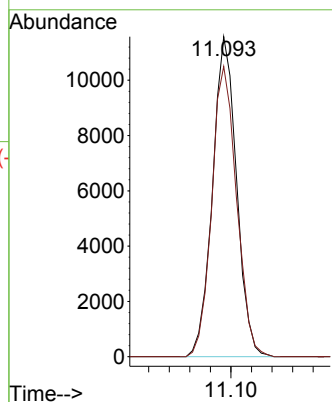
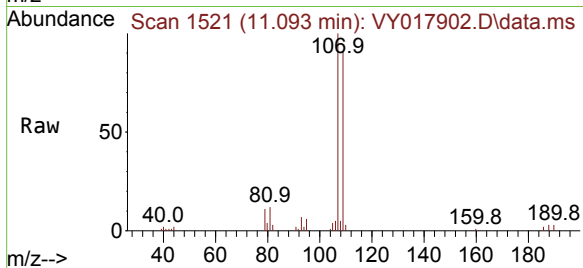




#61
1,2-Dibromoethane
Concen: 20.318 ug/l
RT: 11.093 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017902.D
Acq: 11 Apr 2024 11:26

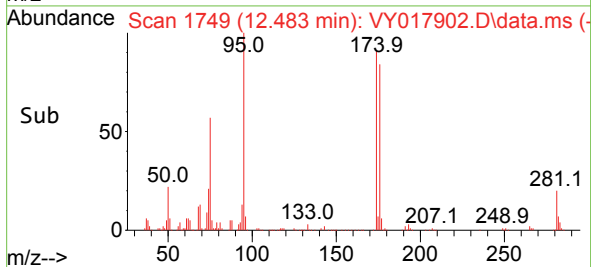
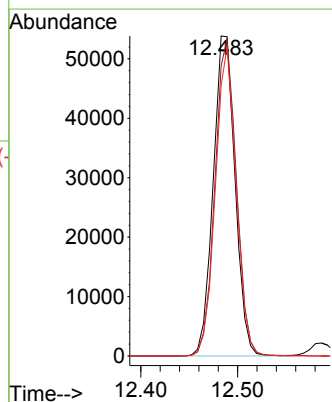
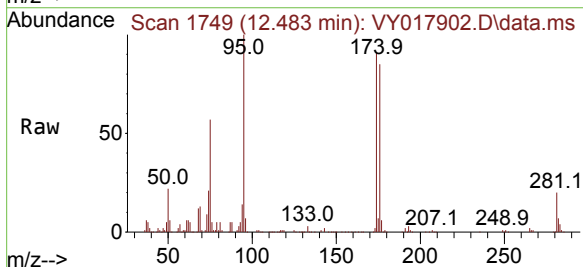
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

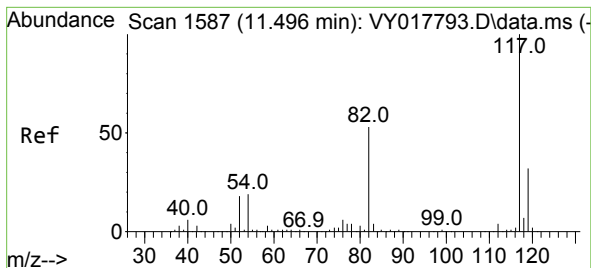
Tgt Ion:107 Resp: 18728
Ion Ratio Lower Upper
107 100
109 94.0 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 58.236 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017902.D
Acq: 11 Apr 2024 11:26

Tgt Ion: 95 Resp: 84584
Ion Ratio Lower Upper
95 100
174 96.6 0.0 175.6
176 91.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017902.D

Acq: 11 Apr 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBS01

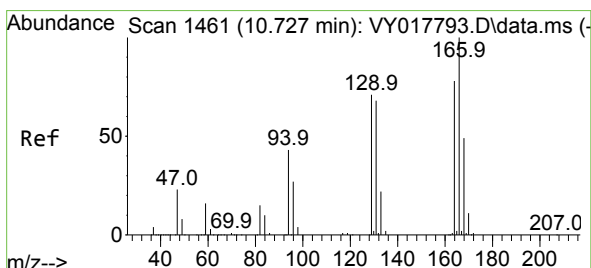
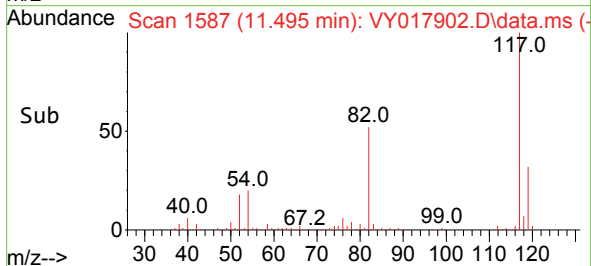
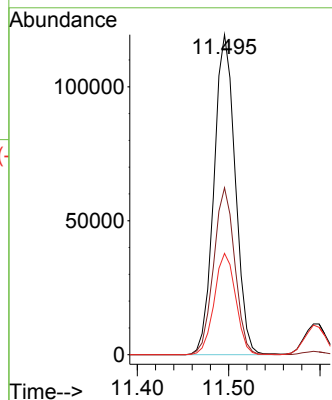
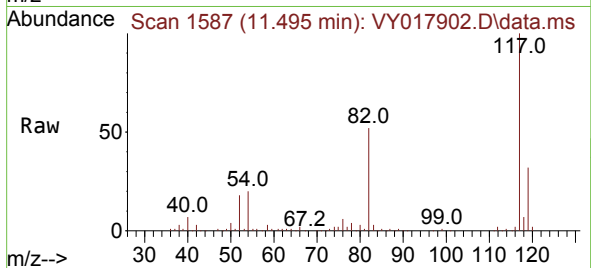
Tgt Ion:117 Resp: 193262

Ion Ratio Lower Upper

117 100

82 52.2 42.4 63.6

119 31.6 25.9 38.9



#64

Tetrachloroethene

Concen: 19.707 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VY017902.D

Acq: 11 Apr 2024 11:26

Tgt Ion:164 Resp: 33219

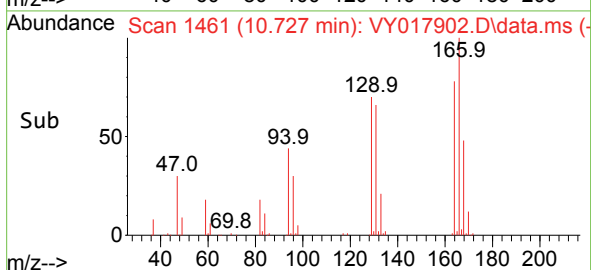
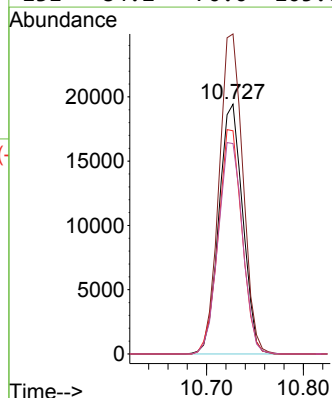
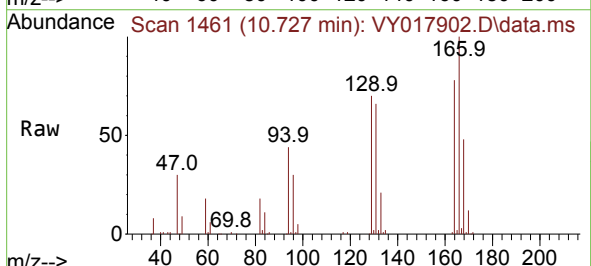
Ion Ratio Lower Upper

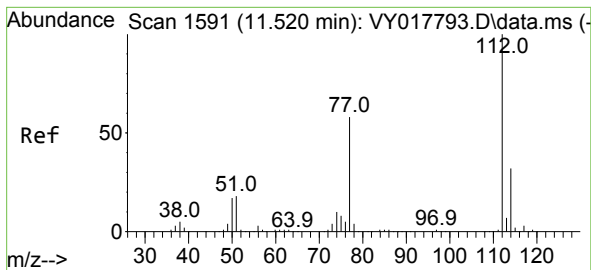
164 100

166 128.1 102.6 154.0

129 89.3 72.0 108.0

131 84.2 70.0 105.0

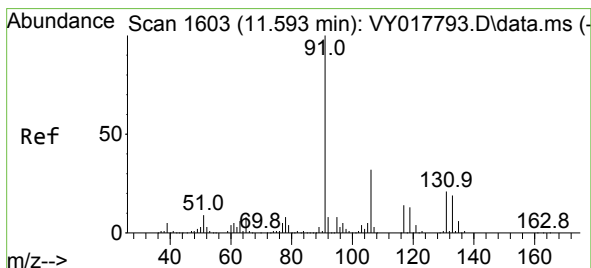
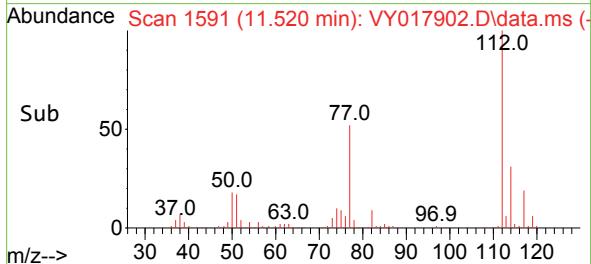
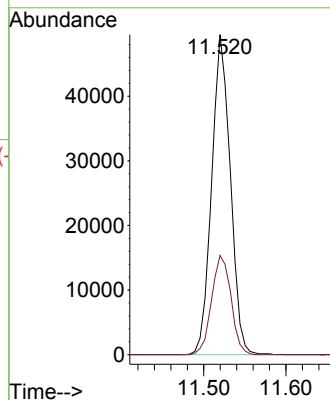
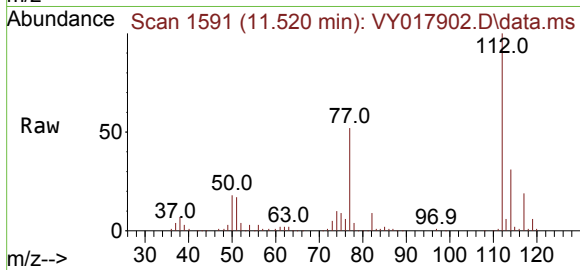




#65
Chlorobenzene
Concen: 19.679 ug/l
RT: 11.520 min Scan# 1159
Delta R.T. -0.000 min
Lab File: VY017902.D
Acq: 11 Apr 2024 11:26

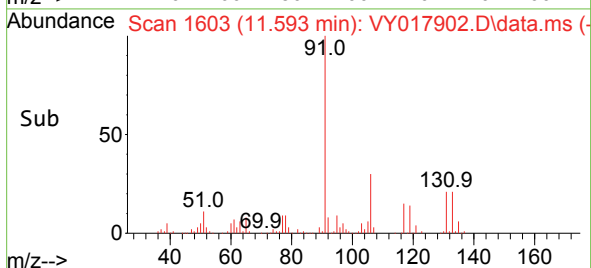
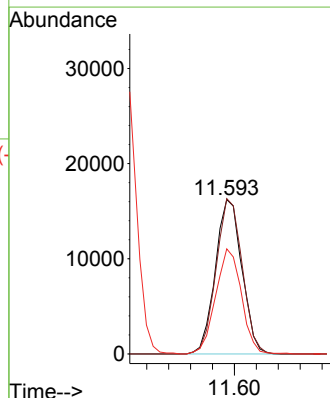
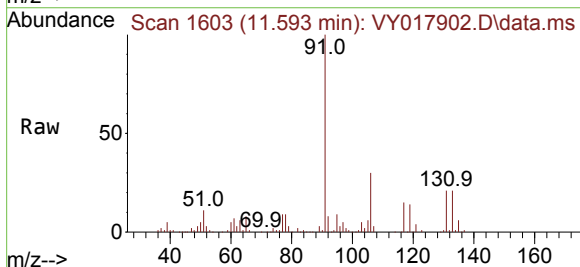
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

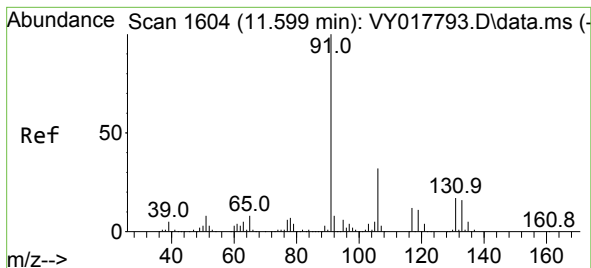
Tgt Ion:112 Resp: 78016
Ion Ratio Lower Upper
112 100
114 31.0 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.286 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY017902.D
Acq: 11 Apr 2024 11:26

Tgt Ion:131 Resp: 27307
Ion Ratio Lower Upper
131 100
133 98.8 47.8 143.3
119 66.2 34.1 102.2





#67

Ethyl Benzene

Concen: 19.506 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. -0.000 min

Lab File: VY017902.D

Acq: 11 Apr 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

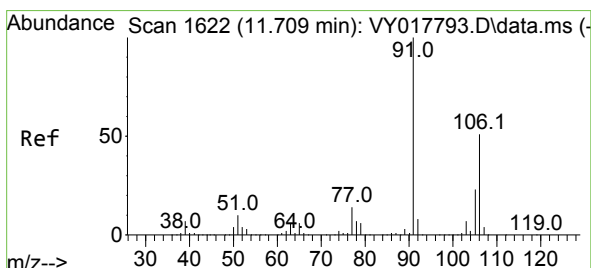
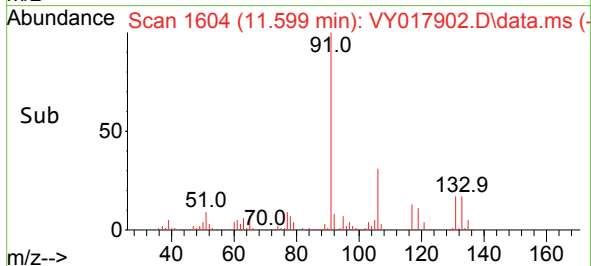
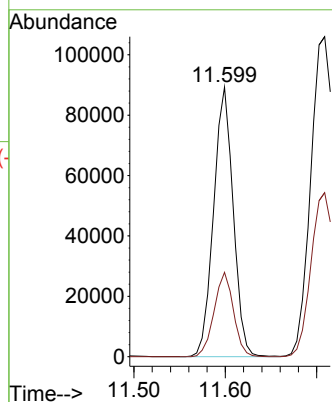
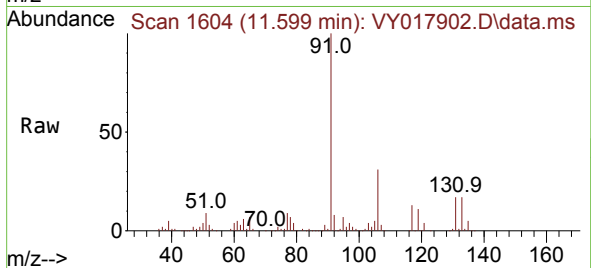
VY0411SBS01

Tgt Ion: 91 Resp: 132938

Ion Ratio Lower Upper

91 100

106 31.3 24.5 36.7



#68

m/p-Xylenes

Concen: 38.678 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. -0.000 min

Lab File: VY017902.D

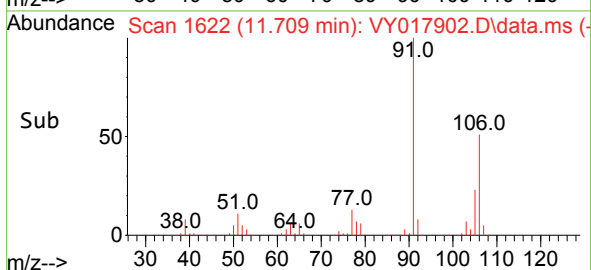
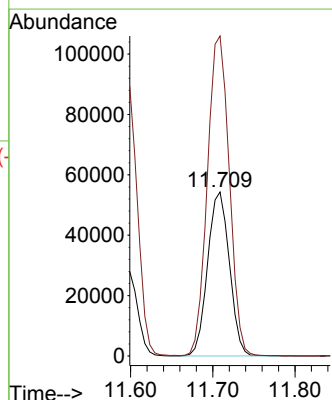
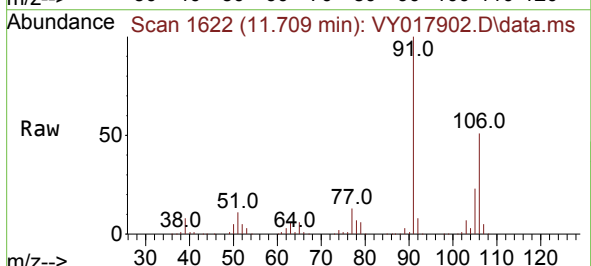
Acq: 11 Apr 2024 11:26

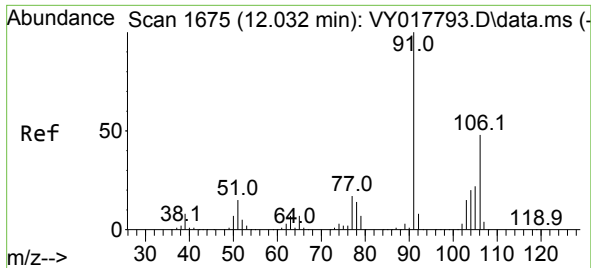
Tgt Ion: 106 Resp: 99968

Ion Ratio Lower Upper

106 100

91 197.0 156.0 234.0

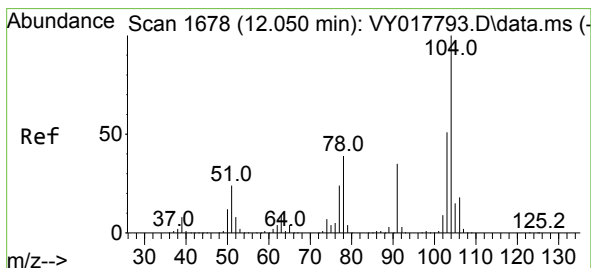
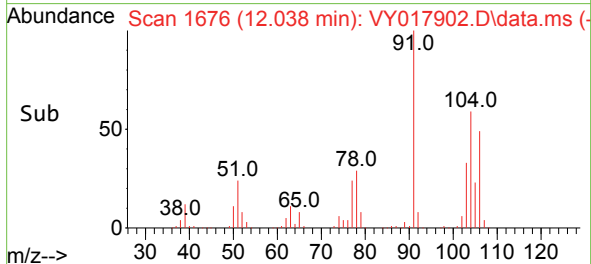
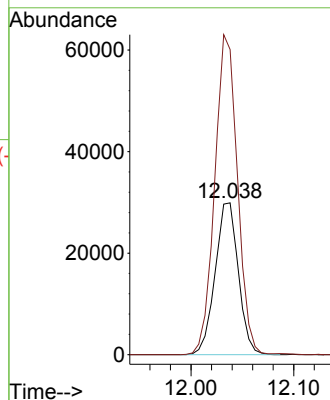
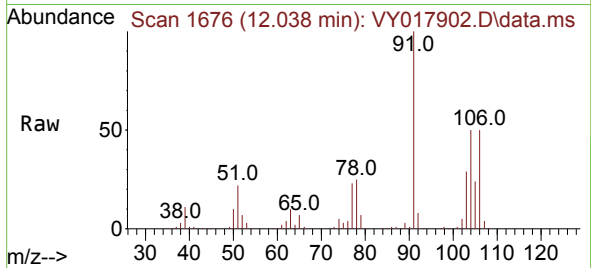




#69
o-Xylene
Concen: 23.358 ug/l
RT: 12.038 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY017902.D
Acq: 11 Apr 2024 11:26

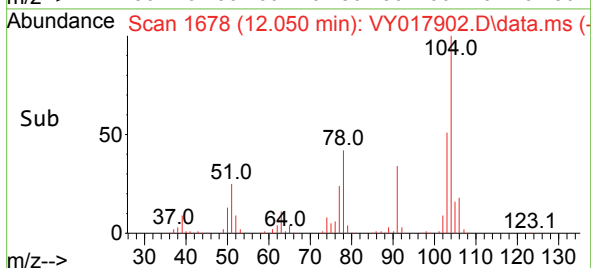
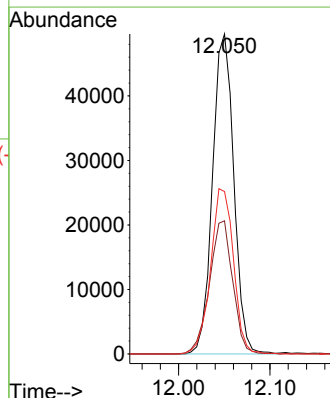
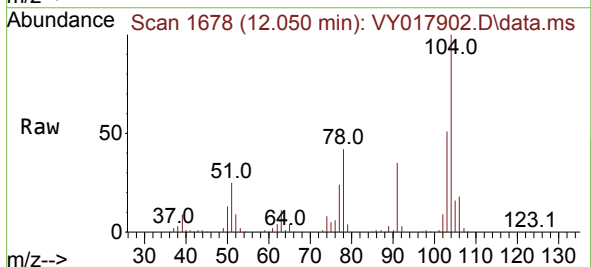
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

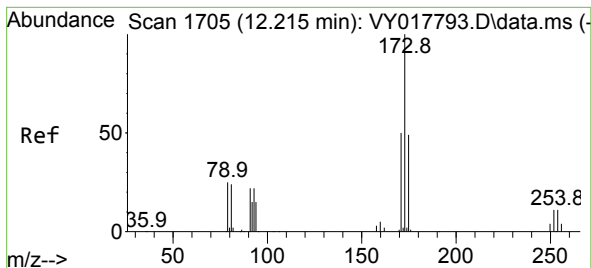
Tgt Ion:106 Resp: 46807
Ion Ratio Lower Upper
106 100
91 206.4 103.6 310.8



#70
Styrene
Concen: 23.448 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY017902.D
Acq: 11 Apr 2024 11:26

Tgt Ion:104 Resp: 80177
Ion Ratio Lower Upper
104 100
78 45.6 37.0 55.4
103 55.6 44.2 66.2





#71

Bromoform

Concen: 20.628 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017902.D

Acq: 11 Apr 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBS01

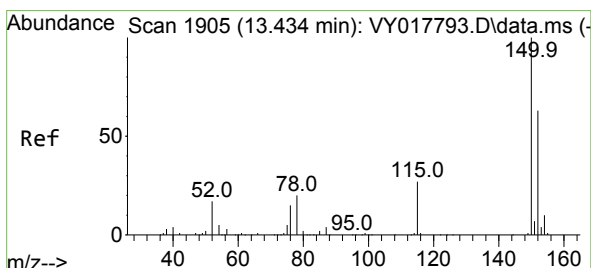
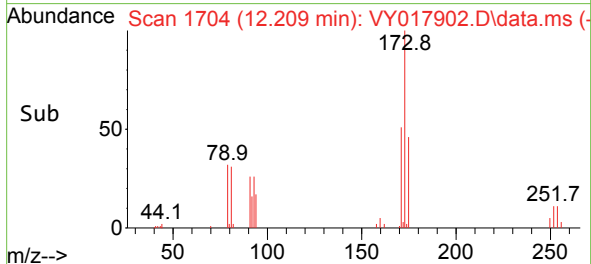
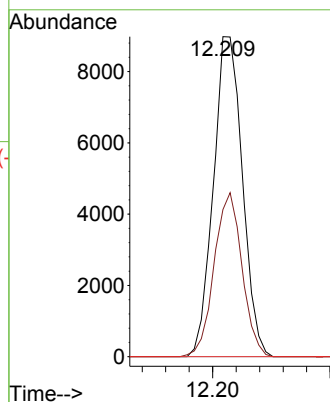
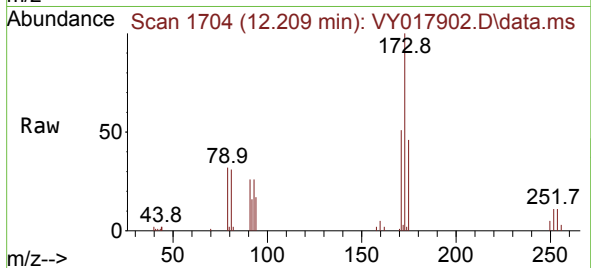
Tgt Ion:173 Resp: 15392

Ion Ratio Lower Upper

173 100

175 49.1 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY017902.D

Acq: 11 Apr 2024 11:26

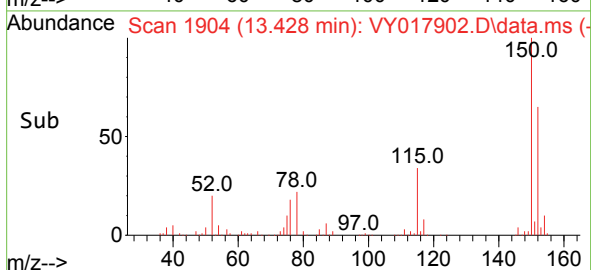
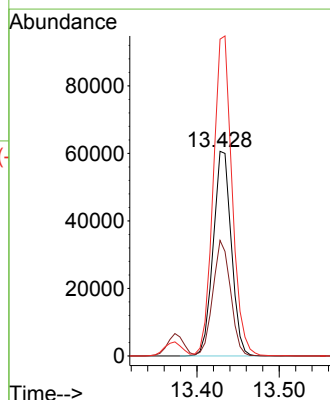
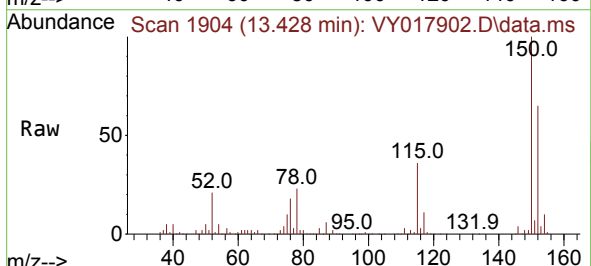
Tgt Ion:152 Resp: 92798

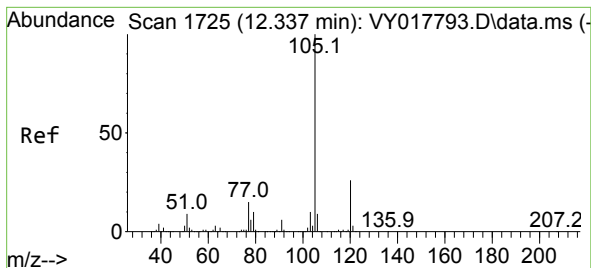
Ion Ratio Lower Upper

152 100

115 55.1 28.2 84.7

150 162.3 0.0 345.6





#73

Isopropylbenzene

Concen: 19.525 ug/l

RT: 12.337 min Scan# 1725

Delta R.T. -0.000 min

Lab File: VY017902.D

Acq: 11 Apr 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

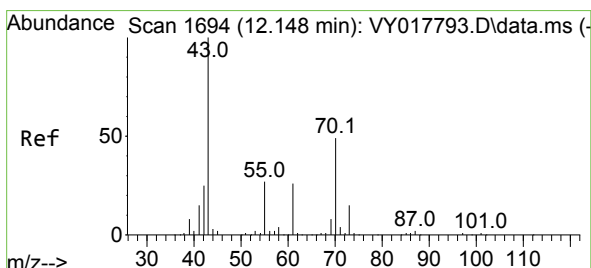
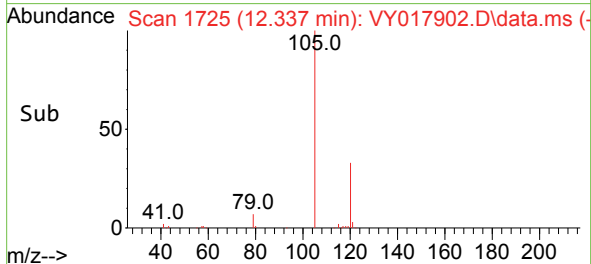
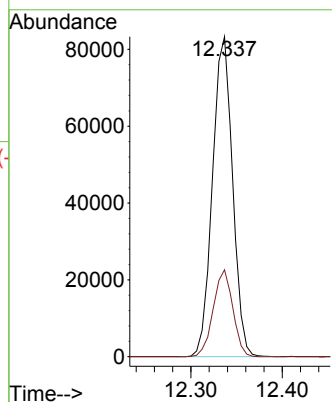
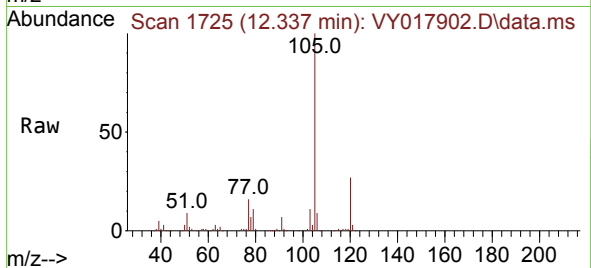
VY0411SBS01

Tgt Ion:105 Resp: 126979

Ion Ratio Lower Upper

105 100

120 26.4 13.4 40.1



#74

N-ethyl acetate

Concen: 20.394 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.000 min

Lab File: VY017902.D

Acq: 11 Apr 2024 11:26

Tgt Ion: 43 Resp: 22546

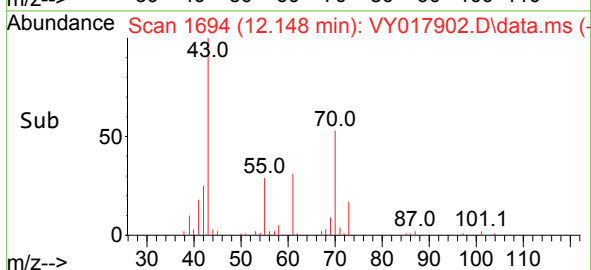
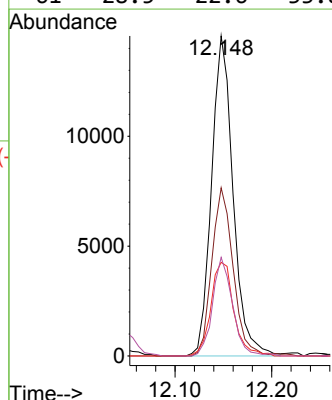
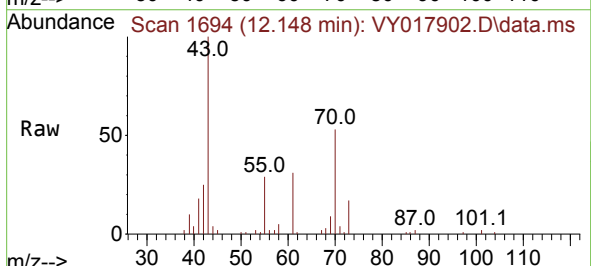
Ion Ratio Lower Upper

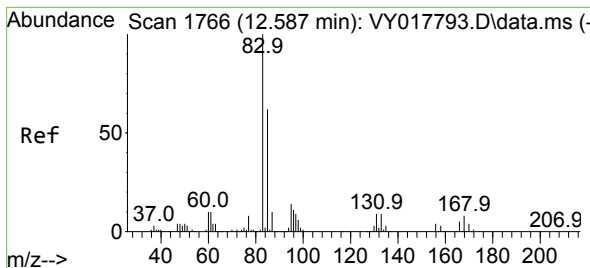
43 100

70 51.8 41.4 62.2

55 31.1 23.3 34.9

61 28.5 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.668 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. -0.000 min

Lab File: VY017902.D

Acq: 11 Apr 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBS01

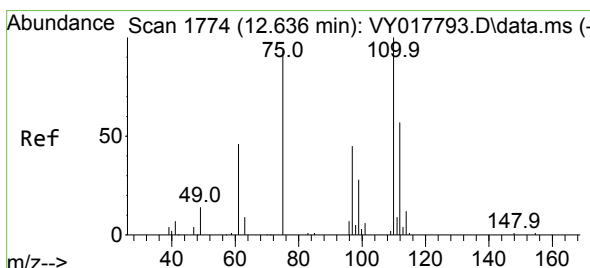
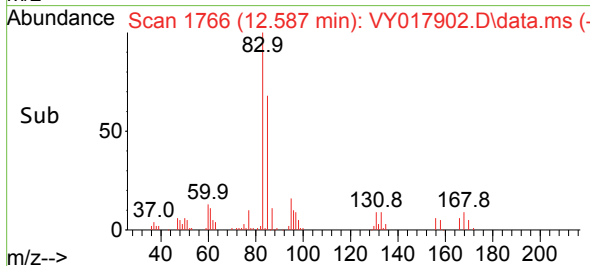
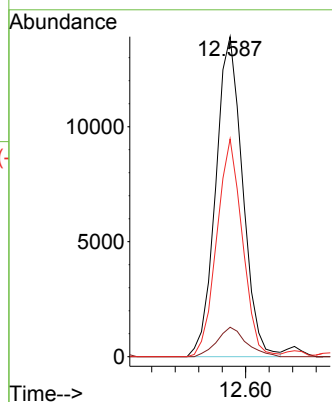
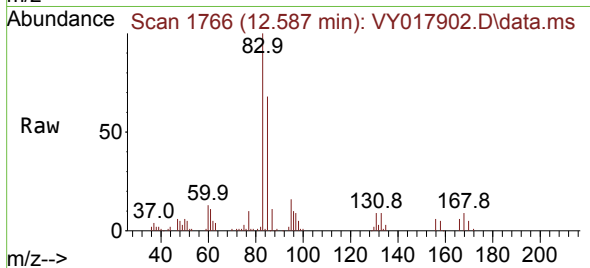
Tgt Ion: 83 Resp: 22126

Ion Ratio Lower Upper

83 100

131 10.0 5.0 14.9

85 65.0 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 34.565 ug/l

RT: 12.635 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY017902.D

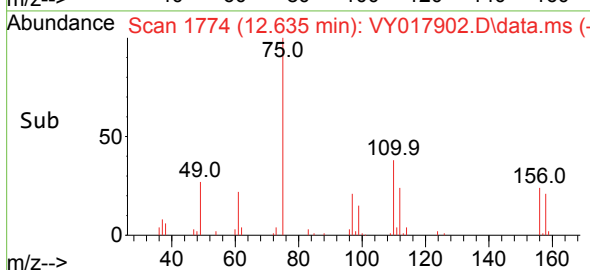
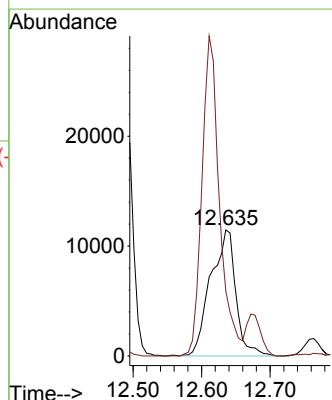
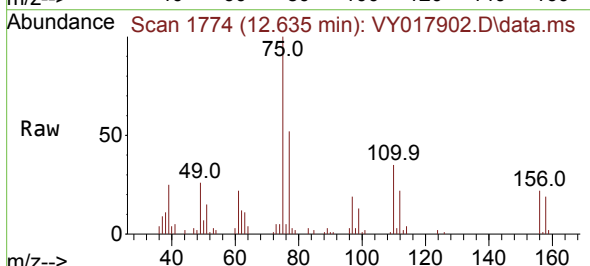
Acq: 11 Apr 2024 11:26

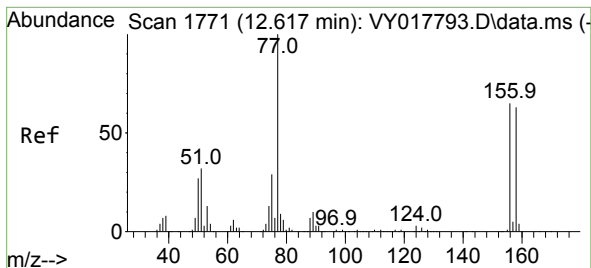
Tgt Ion: 75 Resp: 29229

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.248 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.006 min

Lab File: VY017902.D

Acq: 11 Apr 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBS01

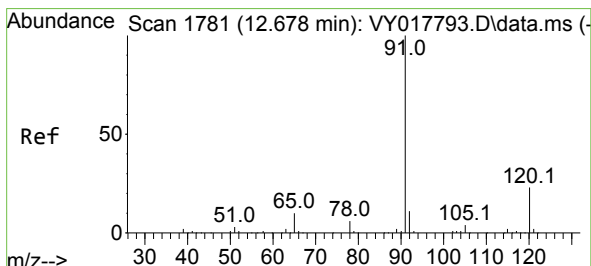
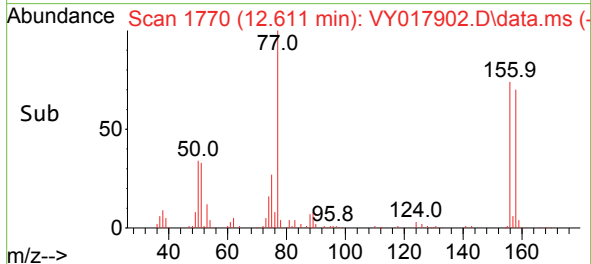
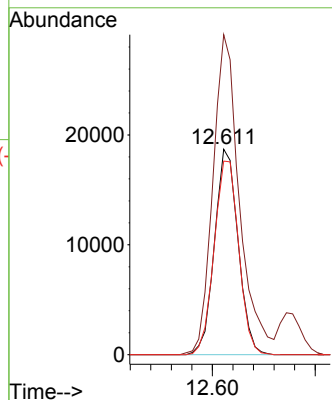
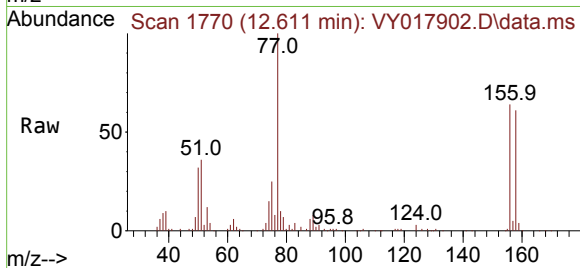
Tgt Ion:156 Resp: 29813

Ion Ratio Lower Upper

156 100

77 175.3 87.1 261.3

158 98.0 48.6 145.9



#78

n-propylbenzene

Concen: 19.629 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VY017902.D

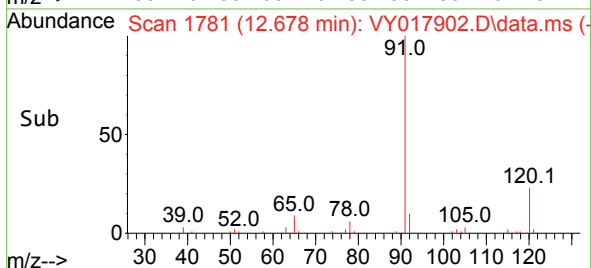
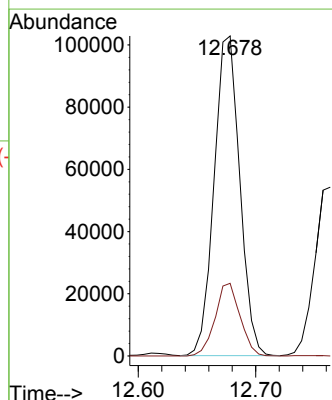
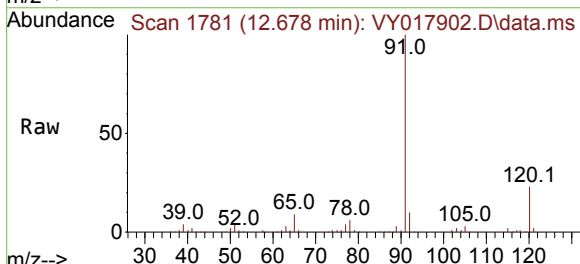
Acq: 11 Apr 2024 11:26

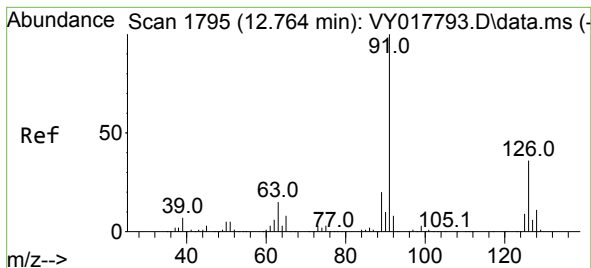
Tgt Ion: 91 Resp: 155760

Ion Ratio Lower Upper

91 100

120 22.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.588 ug/l

RT: 12.763 min Scan# 1795

Delta R.T. -0.000 min

Lab File: VY017902.D

Acq: 11 Apr 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

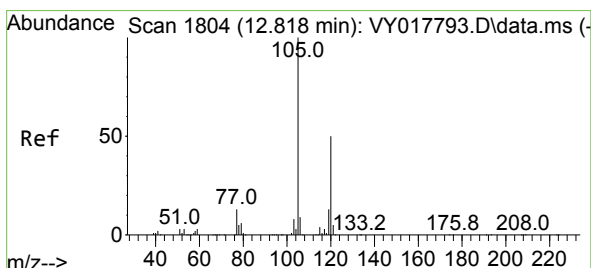
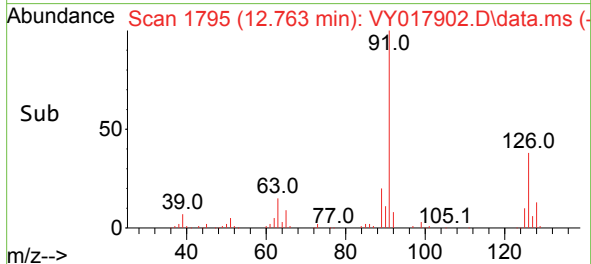
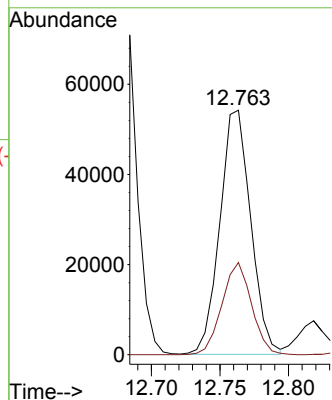
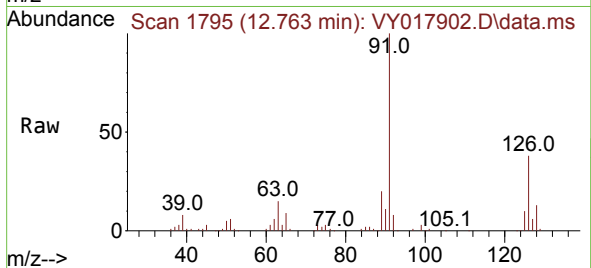
VY0411SBS01

Tgt Ion: 91 Resp: 85142

Ion Ratio Lower Upper

91 100

126 36.0 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 19.595 ug/l

RT: 12.818 min Scan# 1804

Delta R.T. -0.000 min

Lab File: VY017902.D

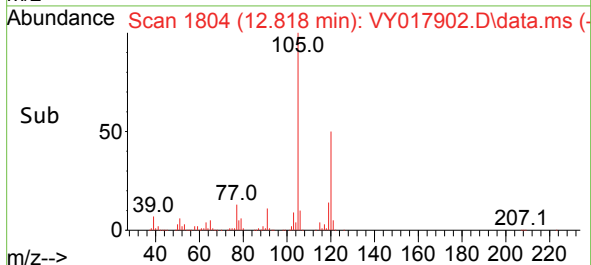
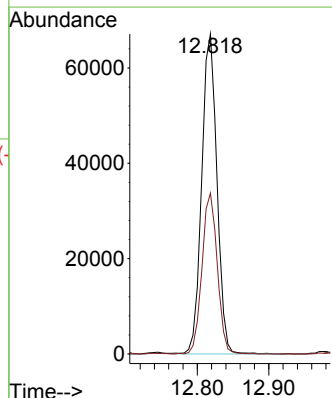
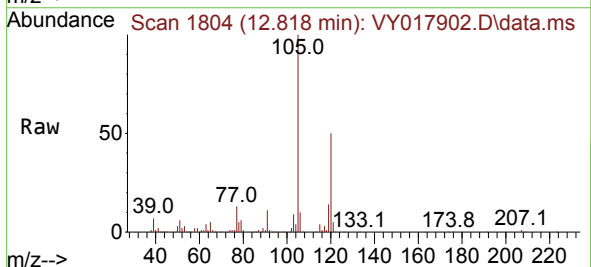
Acq: 11 Apr 2024 11:26

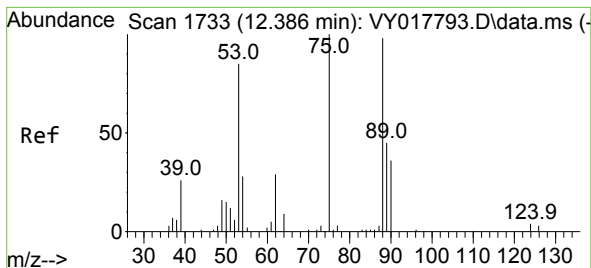
Tgt Ion: 105 Resp: 99449

Ion Ratio Lower Upper

105 100

120 50.4 25.1 75.2

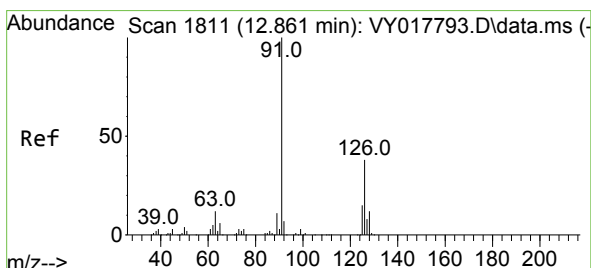
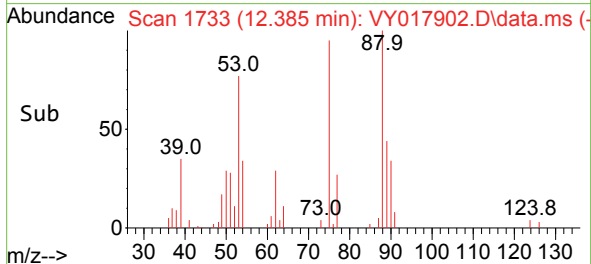
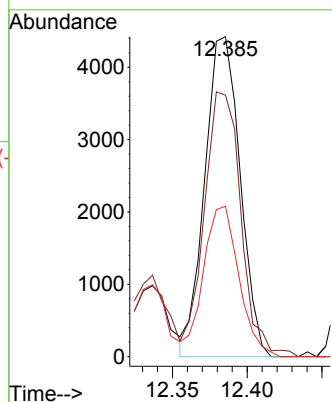
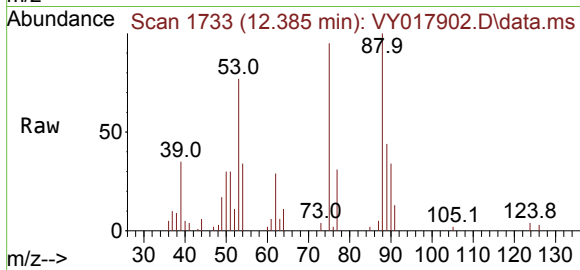




#81
trans-1,4-Dichloro-2-butene
Concen: 21.941 ug/l
RT: 12.385 min Scan# 1733
Delta R.T. -0.001 min
Lab File: VY017902.D
Acq: 11 Apr 2024 11:26

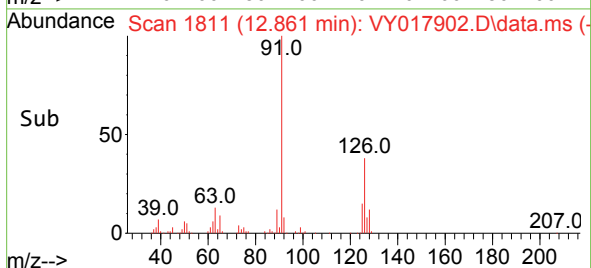
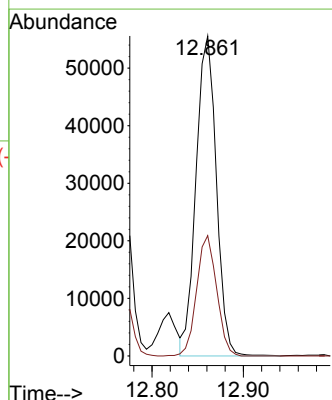
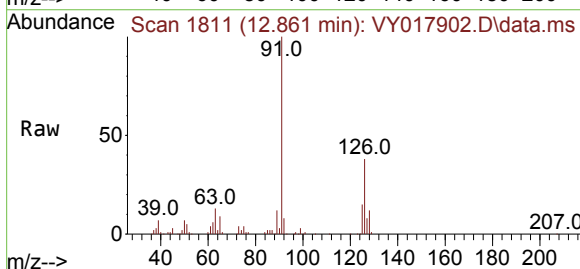
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

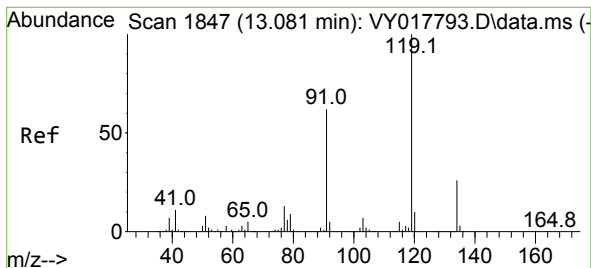
Tgt Ion: 75 Resp: 7269
Ion Ratio Lower Upper
75 100
53 85.7 66.8 100.2
89 47.2 35.8 53.6



#82
4-Chlorotoluene
Concen: 19.038 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VY017902.D
Acq: 11 Apr 2024 11:26

Tgt Ion: 91 Resp: 85685
Ion Ratio Lower Upper
91 100
126 37.2 17.6 52.9





#83

tert-Butylbenzene

Concen: 19.626 ug/l

RT: 13.080 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY017902.D

Acq: 11 Apr 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBS01

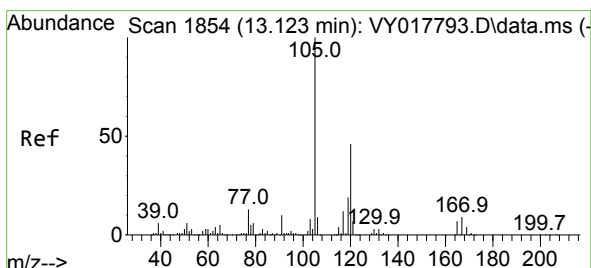
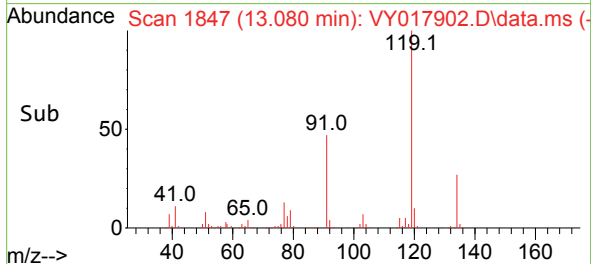
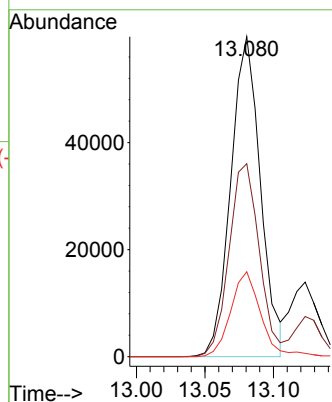
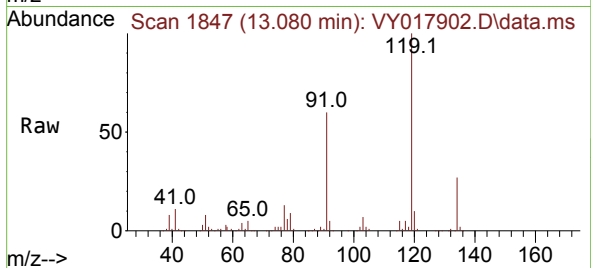
Tgt Ion:119 Resp: 90559

Ion Ratio Lower Upper

119 100

91 61.4 31.3 93.8

134 26.9 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 20.102 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.000 min

Lab File: VY017902.D

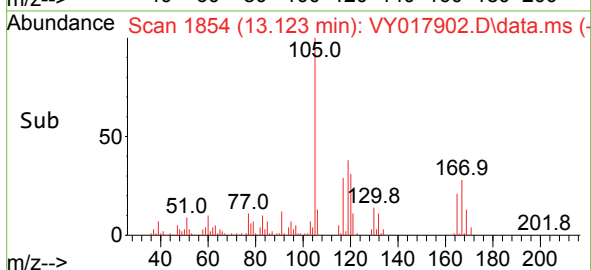
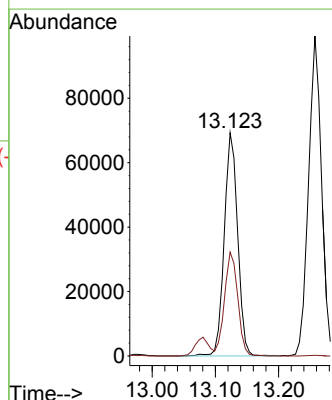
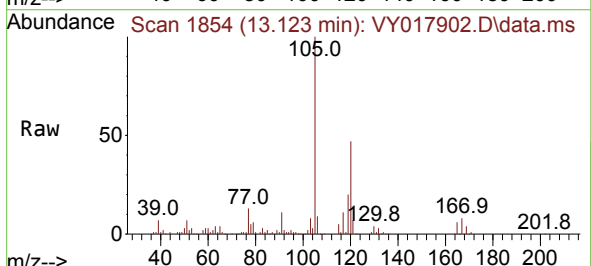
Acq: 11 Apr 2024 11:26

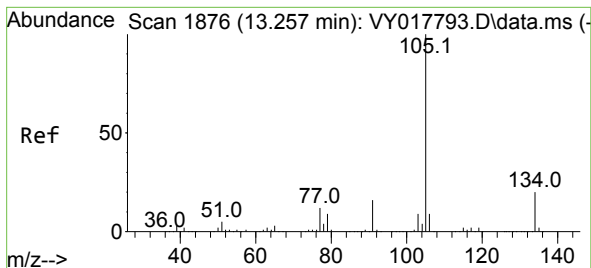
Tgt Ion:105 Resp: 101613

Ion Ratio Lower Upper

105 100

120 46.0 23.2 69.6





#85

sec-Butylbenzene

Concen: 20.462 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. -0.000 min

Lab File: VY017902.D

Acq: 11 Apr 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

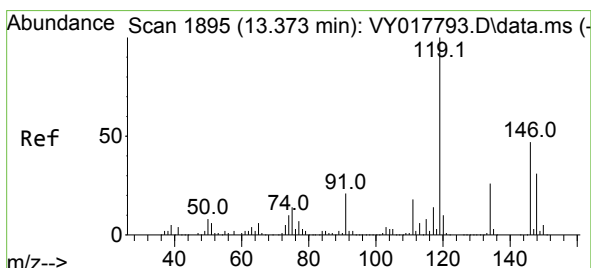
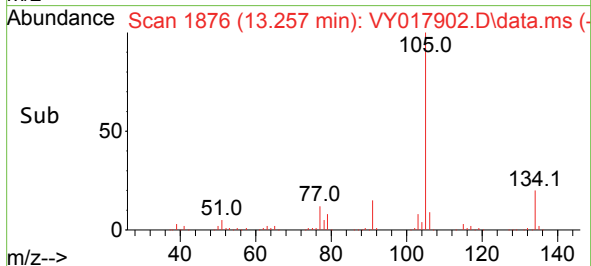
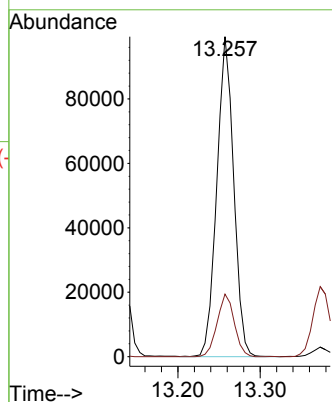
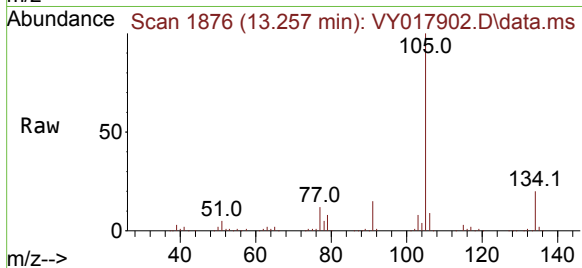
VY0411SBS01

Tgt Ion:105 Resp: 141713

Ion Ratio Lower Upper

105 100

134 19.9 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.423 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.000 min

Lab File: VY017902.D

Acq: 11 Apr 2024 11:26

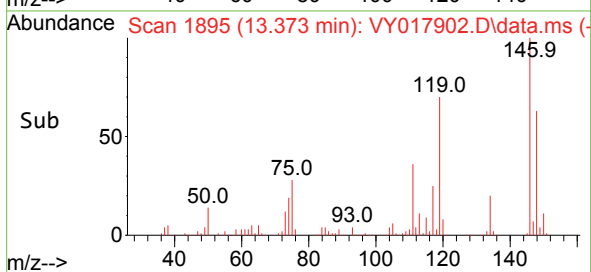
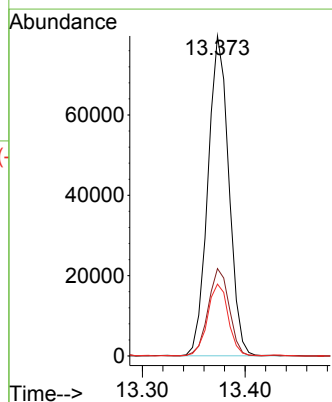
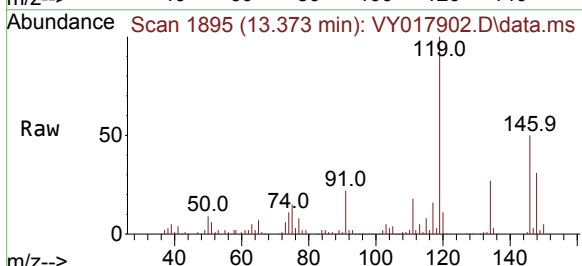
Tgt Ion:119 Resp: 112441

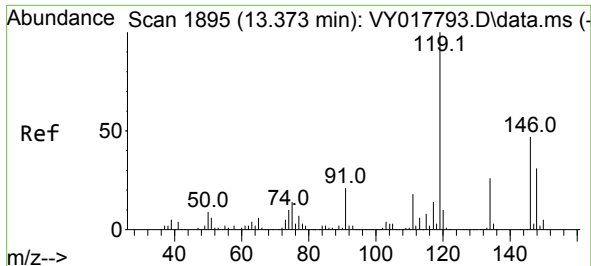
Ion Ratio Lower Upper

119 100

134 27.5 13.1 39.3

91 22.2 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 19.940 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.000 min

Lab File: VY017902.D

Acq: 11 Apr 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBS01

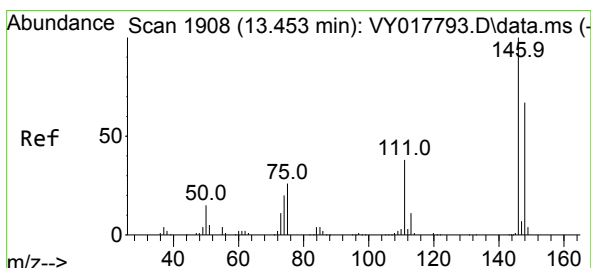
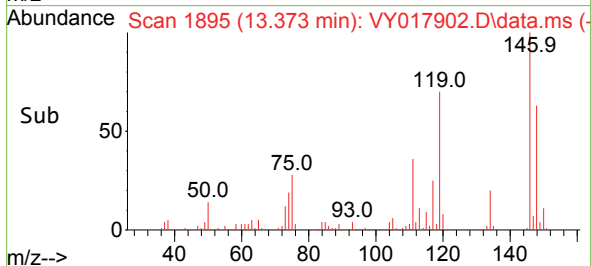
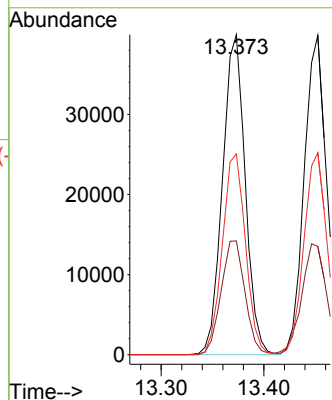
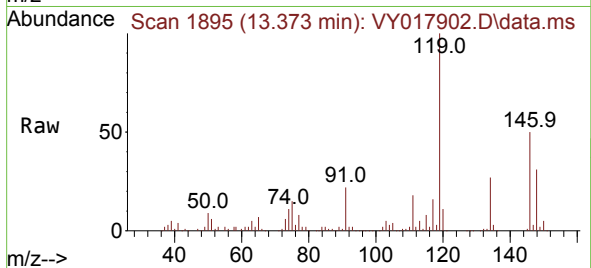
Tgt Ion:146 Resp: 61283

Ion Ratio Lower Upper

146 100

111 37.5 19.0 57.0

148 64.0 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 20.489 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY017902.D

Acq: 11 Apr 2024 11:26

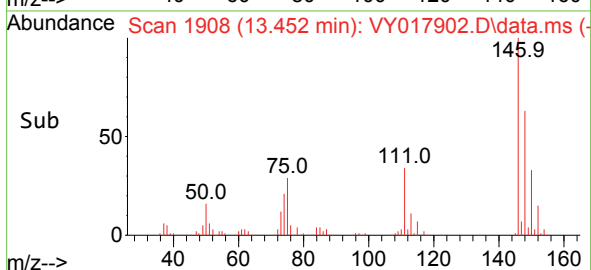
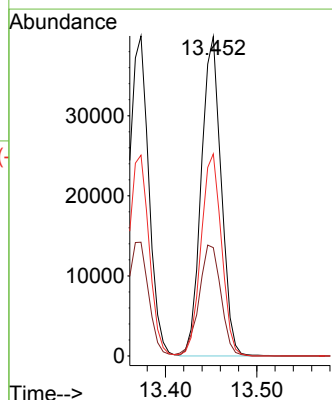
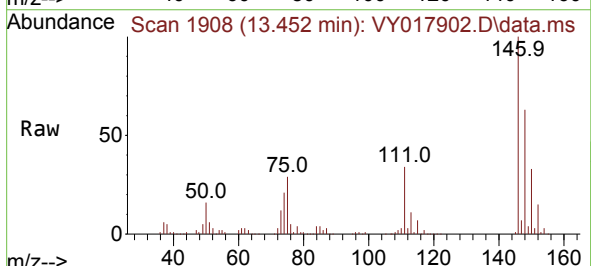
Tgt Ion:146 Resp: 60273

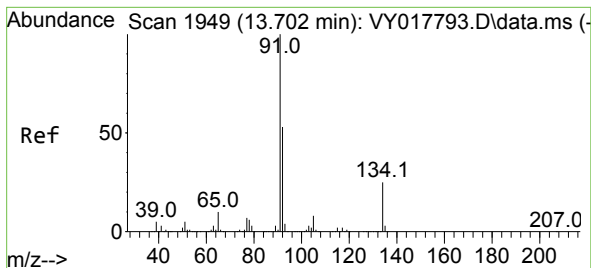
Ion Ratio Lower Upper

146 100

111 38.2 18.4 55.4

148 65.1 32.4 97.2





#89

n-Butylbenzene

Concen: 19.803 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VY017902.D

Acq: 11 Apr 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBS01

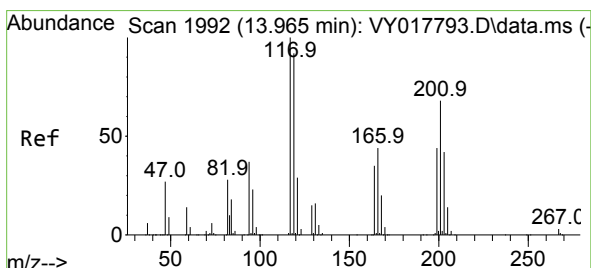
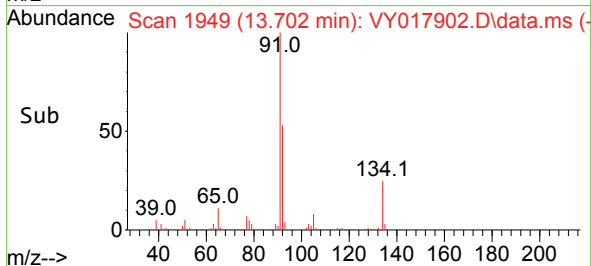
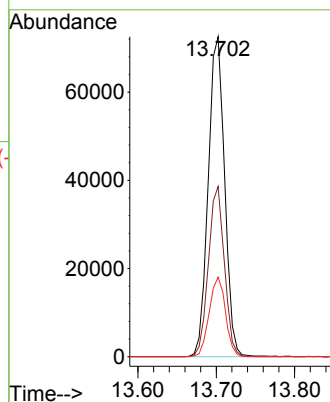
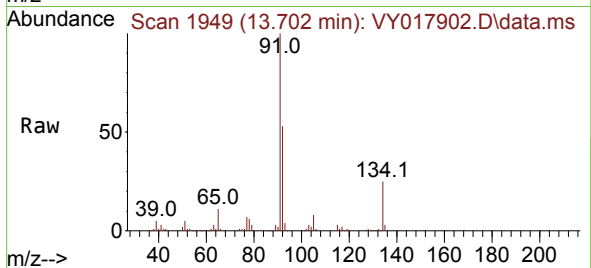
Tgt Ion: 91 Resp: 105470

Ion Ratio Lower Upper

91 100

92 51.8 26.6 79.7

134 24.6 12.9 38.7



#90

Hexachloroethane

Concen: 20.620 ug/l

RT: 13.964 min Scan# 1992

Delta R.T. -0.000 min

Lab File: VY017902.D

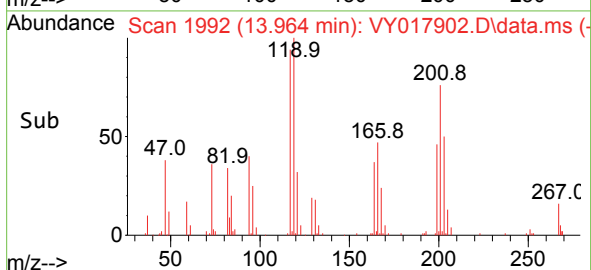
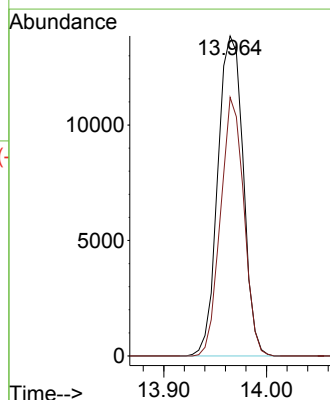
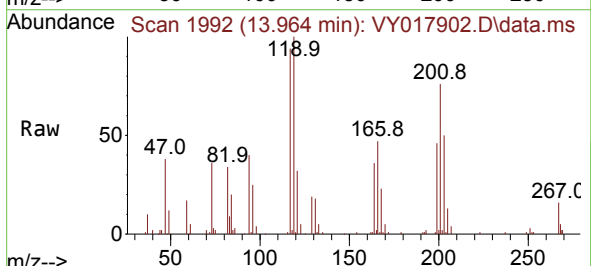
Acq: 11 Apr 2024 11:26

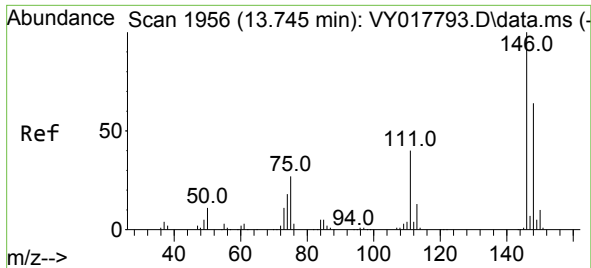
Tgt Ion: 117 Resp: 23736

Ion Ratio Lower Upper

117 100

201 74.1 37.4 112.2

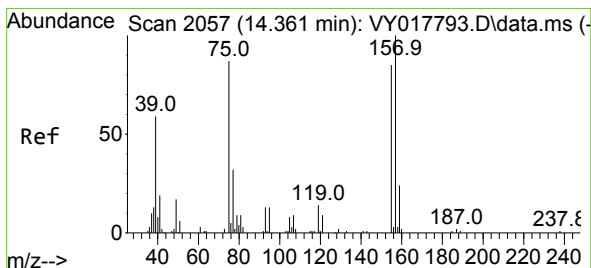
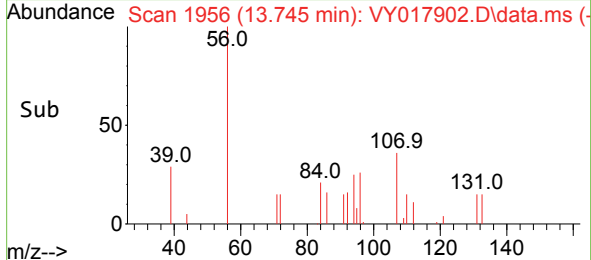
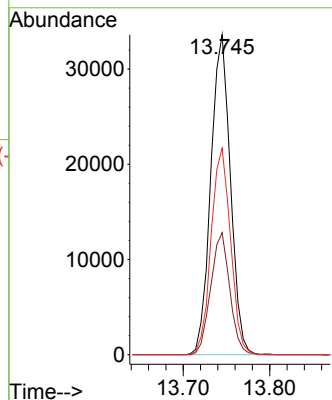
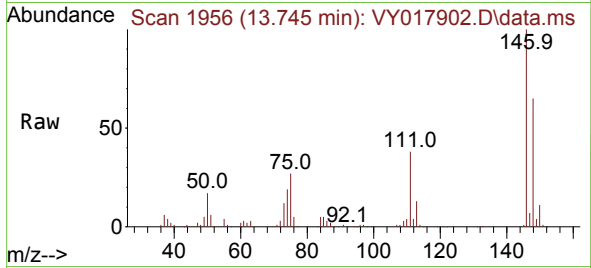




#91
1,2-Dichlorobenzene
Concen: 20.705 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VY017902.D
Acq: 11 Apr 2024 11:26

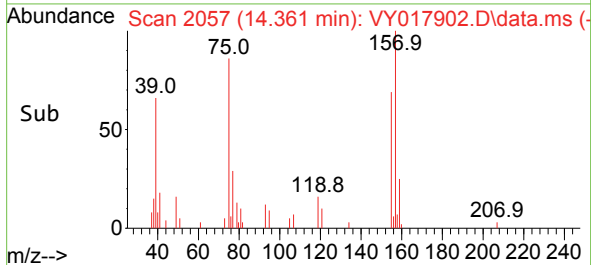
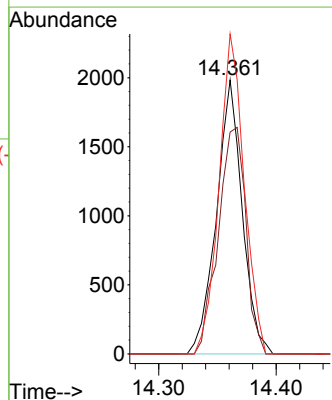
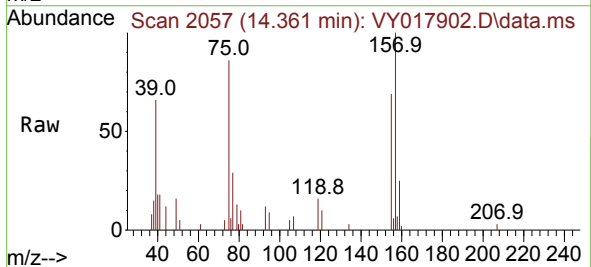
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

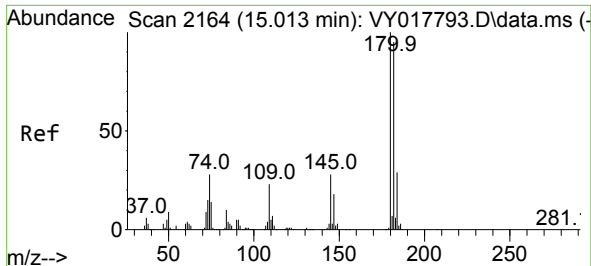
Tgt Ion:146 Resp: 52747
Ion Ratio Lower Upper
146 100
111 37.2 19.9 59.7
148 64.1 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.886 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VY017902.D
Acq: 11 Apr 2024 11:26

Tgt Ion: 75 Resp: 3023
Ion Ratio Lower Upper
75 100
155 88.5 48.6 145.8
157 113.9 62.7 188.2

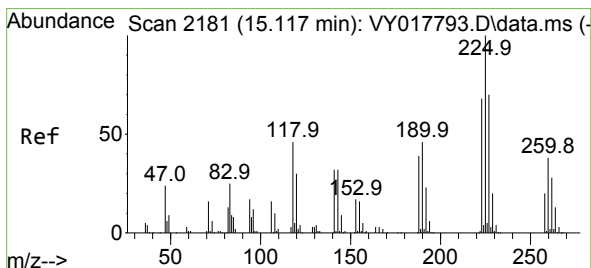
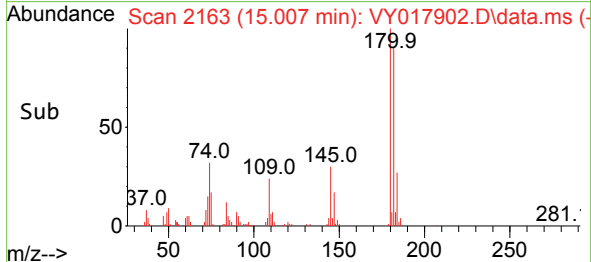
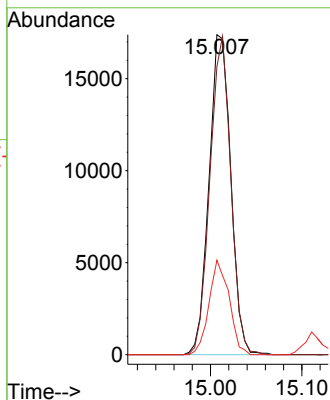
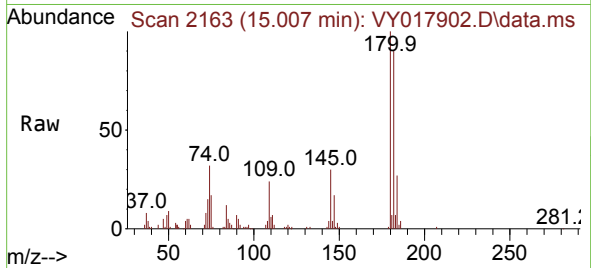




#93
1,2,4-Trichlorobenzene
Concen: 20.590 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.006 min
Lab File: VY017902.D
Acq: 11 Apr 2024 11:26

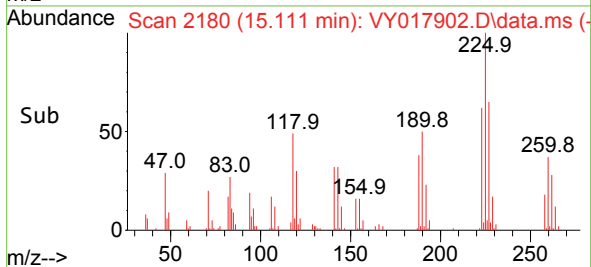
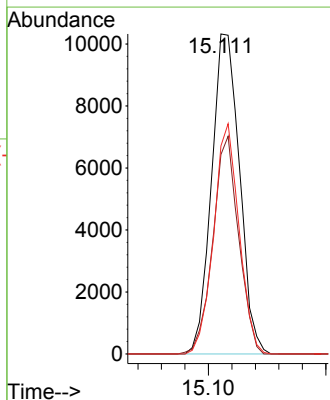
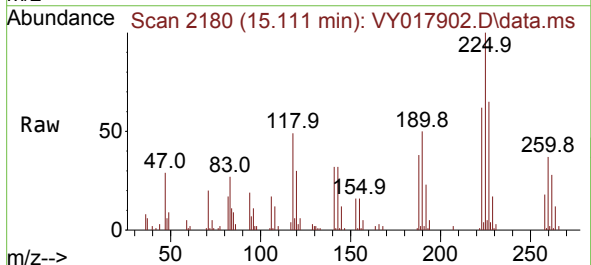
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

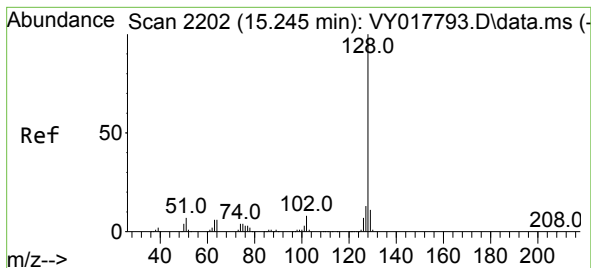
Tgt Ion:180 Resp: 28731
Ion Ratio Lower Upper
180 100
182 95.3 47.9 143.8
145 27.4 14.2 42.6



#94
Hexachlorobutadiene
Concen: 20.188 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.006 min
Lab File: VY017902.D
Acq: 11 Apr 2024 11:26

Tgt Ion:225 Resp: 17077
Ion Ratio Lower Upper
225 100
223 62.5 30.4 91.2
227 65.2 31.9 95.9





#95

Naphthalene

Concen: 21.920 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY017902.D

Acq: 11 Apr 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBS01

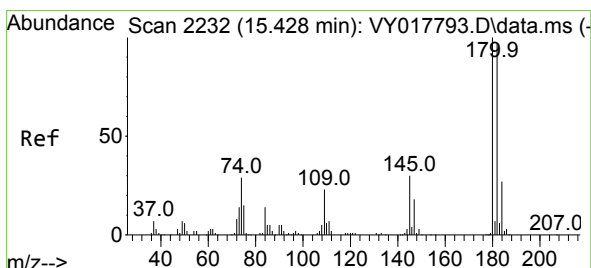
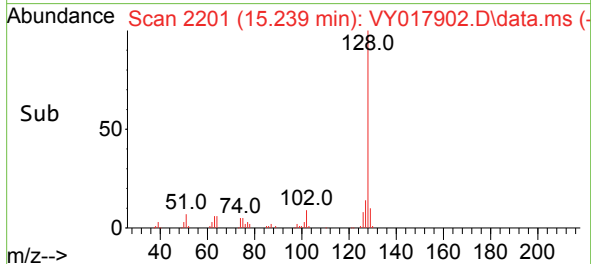
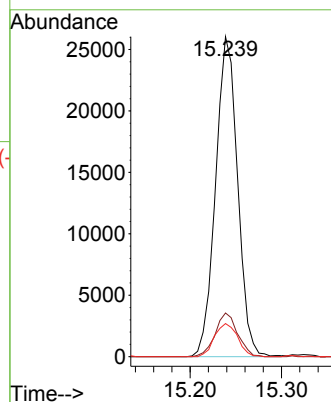
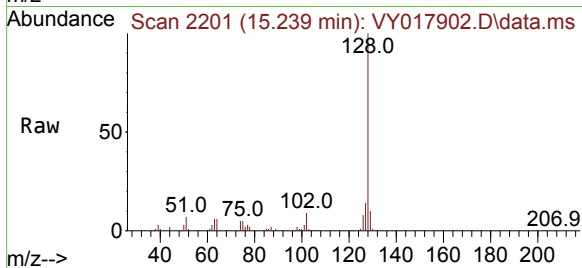
Tgt Ion:128 Resp: 43617

Ion Ratio Lower Upper

128 100

127 13.9 10.6 16.0

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.721 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY017902.D

Acq: 11 Apr 2024 11:26

Tgt Ion:180 Resp: 23245

Ion Ratio Lower Upper

180 100

182 98.0 47.6 142.9

145 29.8 15.4 46.1

