

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020824\
 Data File : VY017306.D
 Acq On : 08 Feb 2024 12:37
 Operator : SY/MD
 Sample : VY0208SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 09 00:11:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	99701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	173025	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	149114	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	64330	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	45772	51.391	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.780%	
35) Dibromofluoromethane	7.722	113	46307	49.567	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.140%	
50) Toluene-d8	10.185	98	175625	51.633	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.260%	
62) 4-Bromofluorobenzene	12.489	95	54488	48.901	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.800%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	14909	19.726	ug/l	95
3) Chloromethane	2.113	50	31705	23.351	ug/l	97
4) Vinyl Chloride	2.247	62	40516	24.487	ug/l	100
5) Bromomethane	2.650	94	29205	25.463	ug/l	97
6) Chloroethane	2.790	64	27640	25.872	ug/l	94
7) Trichlorofluoromethane	3.125	101	36765	21.609	ug/l	98
8) Diethyl Ether	3.528	74	10608	19.821	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.899	101	21836	21.172	ug/l	98
10) Methyl Iodide	4.088	142	18590	17.145	ug/l	98
11) Tert butyl alcohol	4.948	59	9094	112.220	ug/l #	85
12) 1,1-Dichloroethene	3.869	96	19457	20.133	ug/l	89
13) Acrolein	3.729	56	7516	94.560	ug/l	99
14) Allyl chloride	4.485	41	30844	21.111	ug/l	95
15) Acrylonitrile	5.161	53	23493	97.497	ug/l	100
16) Acetone	3.948	43	27707	105.841	ug/l	98
17) Carbon Disulfide	4.192	76	52559	17.037	ug/l	100
18) Methyl Acetate	4.479	43	9904	16.959	ug/l	100
19) Methyl tert-butyl Ether	5.222	73	46910	20.155	ug/l	96
20) Methylene Chloride	4.716	84	32063	28.391	ug/l	97
21) trans-1,2-Dichloroethene	5.222	96	22426	20.398	ug/l	99
22) Diisopropyl ether	6.125	45	70423	21.949	ug/l	98
23) Vinyl Acetate	6.064	43	201194	103.493	ug/l	99
24) 1,1-Dichloroethane	6.021	63	42299	21.521	ug/l	98
25) 2-Butanone	6.990	43	36671	105.375	ug/l	100
26) 2,2-Dichloropropane	6.984	77	36471	22.309	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	25862	21.033	ug/l	98
28) Bromochloromethane	7.338	49	15110	20.078	ug/l	95
29) Tetrahydrofuran	7.356	42	18812	95.694	ug/l	99
30) Chloroform	7.509	83	43679	22.091	ug/l	98
31) Cyclohexane	7.789	56	36245	20.190	ug/l	92
32) 1,1,1-Trichloroethane	7.710	97	37111	21.821	ug/l	98
36) 1,1-Dichloropropene	7.923	75	32495	20.165	ug/l	99
37) Ethyl Acetate	7.076	43	14518	19.424	ug/l	99
38) Carbon Tetrachloride	7.911	117	31721	20.559	ug/l	99
39) Methylcyclohexane	9.191	83	36313	19.289	ug/l	93
40) Benzene	8.167	78	94588	20.554	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	18413	51.996	ug/l #	36
42) 1,2-Dichloroethane	8.240	62	24980	20.502	ug/l	98
43) Isopropyl Acetate	8.277	43	26218	19.816	ug/l	99
44) Trichloroethene	8.947	130	23612	20.213	ug/l	96
45) 1,2-Dichloropropane	9.222	63	23718	20.983	ug/l	99
46) Dibromomethane	9.313	93	11849	19.406	ug/l	96
47) Bromodichloromethane	9.502	83	32081	20.994	ug/l	96
48) Methyl methacrylate	9.301	41	12553	20.227	ug/l	96
49) 1,4-Dioxane	9.301	88	2618	393.923	ug/l	94
51) 4-Methyl-2-Pentanone	10.075	43	72630	102.406	ug/l	99
52) Toluene	10.252	92	59454	21.404	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	28750	20.030	ug/l	96
54) cis-1,3-Dichloropropene	9.935	75	33916	19.728	ug/l	94
55) 1,1,2-Trichloroethane	10.654	97	16764	20.179	ug/l	92
56) Ethyl methacrylate	10.520	69	19402	19.320	ug/l	93
57) 1,3-Dichloropropane	10.795	76	29456	20.615	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	50899	98.347	ug/l	98
59) 2-Hexanone	10.843	43	53414	104.151	ug/l	97
60) Dibromochloromethane	10.996	129	19114	19.612	ug/l	98
61) 1,2-Dibromoethane	11.099	107	14768	19.114	ug/l	98
64) Tetrachloroethene	10.728	164	19553	20.191	ug/l	95
65) Chlorobenzene	11.526	112	58551	20.355	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	21691	20.750	ug/l	97
67) Ethyl Benzene	11.599	91	109412	21.046	ug/l	99
68) m/p-Xylenes	11.709	106	81678	41.400	ug/l	98
69) o-Xylene	12.038	106	37912	20.867	ug/l	99
70) Styrene	12.050	104	62449	20.862	ug/l	99
71) Bromoform	12.215	173	10211	18.652	ug/l #	99
73) Isopropylbenzene	12.337	105	102227	21.631	ug/l	99
74) N-amyl acetate	12.154	43	21520	20.266	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.593	83	18931	20.367	ug/l	97
76) 1,2,3-Trichloropropane	12.642	75	22462	37.830	ug/l #	100
77) Bromobenzene	12.617	156	20740	19.785	ug/l	97
78) n-propylbenzene	12.678	91	127772	22.013	ug/l	99
79) 2-Chlorotoluene	12.764	91	69775	21.866	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	79651	21.192	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.386	75	5376	18.813	ug/l	98
82) 4-Chlorotoluene	12.861	91	70034	21.325	ug/l	100
83) tert-Butylbenzene	13.087	119	71977	22.341	ug/l	99
84) 1,2,4-Trimethylbenzene	13.130	105	79413	21.405	ug/l	100
85) sec-Butylbenzene	13.264	105	110379	21.920	ug/l	100
86) p-Isopropyltoluene	13.379	119	86045	21.384	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	41995	20.082	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	41502	20.428	ug/l	96
89) n-Butylbenzene	13.703	91	83719	21.883	ug/l	98
90) Hexachloroethane	13.971	117	17384	21.044	ug/l	96
91) 1,2-Dichlorobenzene	13.745	146	35833	20.128	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	2296	18.964	ug/l	91
93) 1,2,4-Trichlorobenzene	15.013	180	16567	18.735	ug/l	100
94) Hexachlorobutadiene	15.123	225	10566	20.288	ug/l	97
95) Naphthalene	15.245	128	27516	18.293	ug/l	98
96) 1,2,3-Trichlorobenzene	15.434	180	13653	18.154	ug/l	98

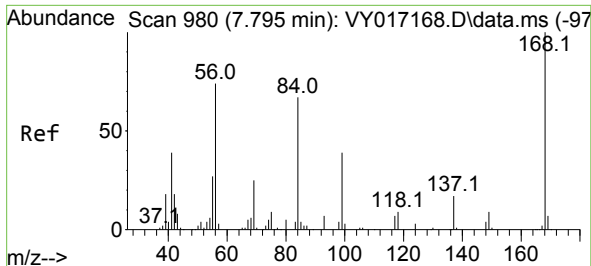
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Response via : Initial Calibration

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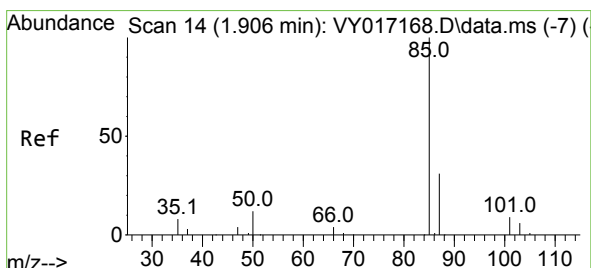
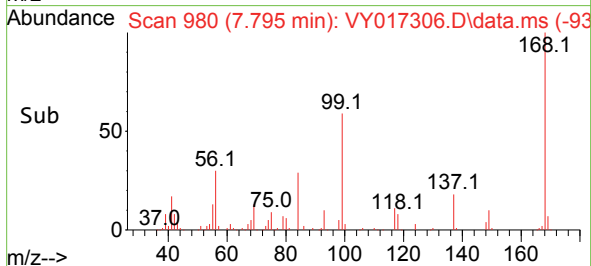
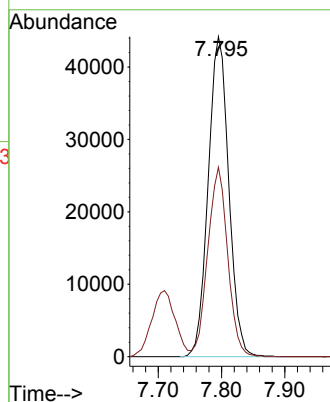
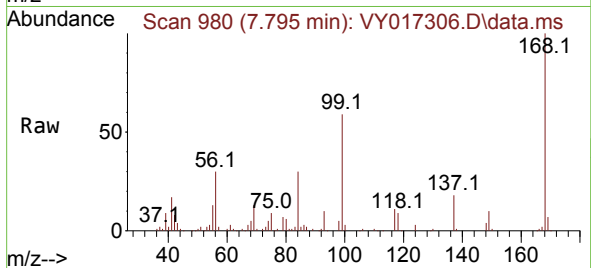
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
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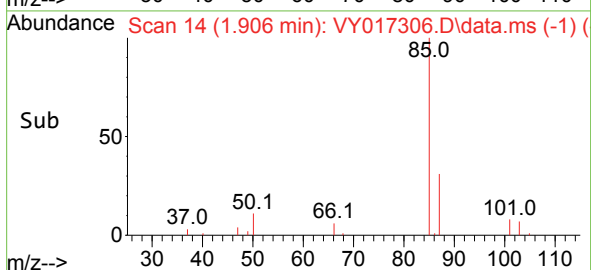
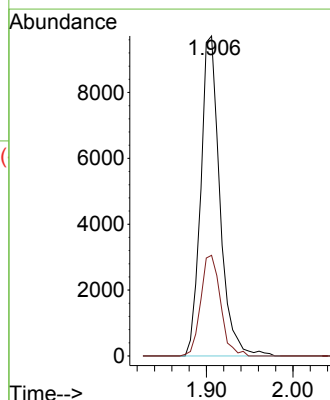
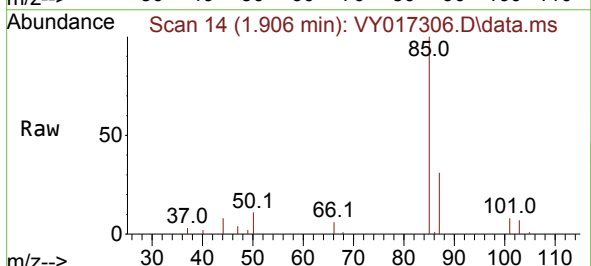
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MSVOA_Y
ClientSampleId :

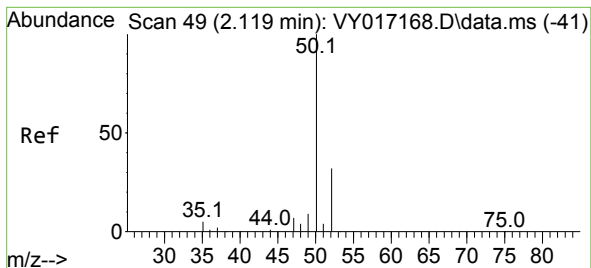
Tgt Ion:168 Resp: 99701
Ion Ratio Lower Upper
168 100
99 59.2 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 19.726 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY017306.D
Acq: 08 Feb 2024 12:37

Tgt Ion: 85 Resp: 14909
Ion Ratio Lower Upper
85 100
87 31.4 17.1 51.3





#3

Chloromethane

Concen: 23.351 ug/l

RT: 2.113 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY017306.D

Acq: 08 Feb 2024 12:37

Instrument :

MSVOA_Y

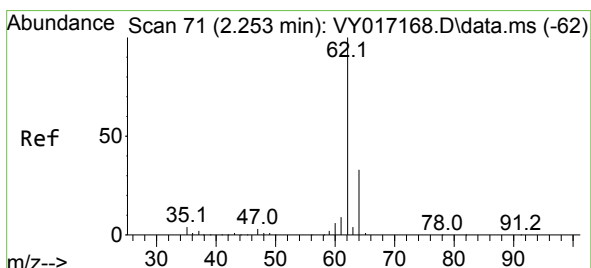
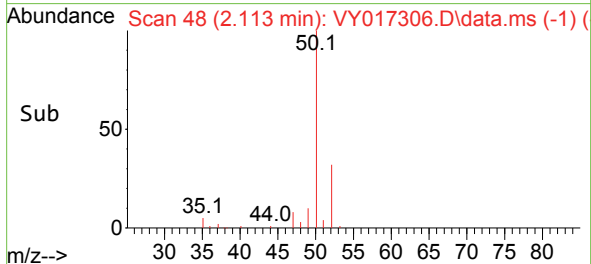
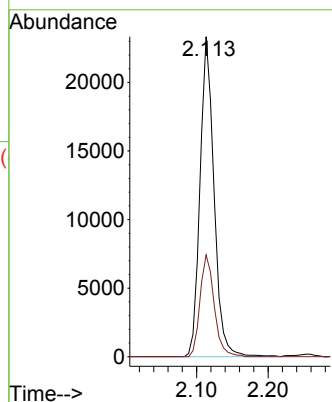
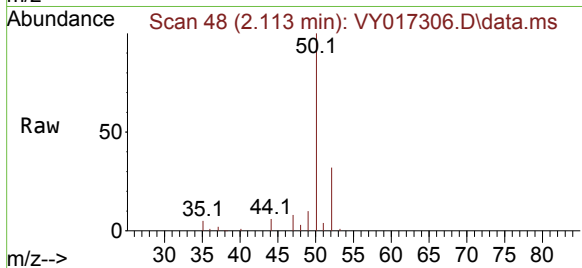
ClientSampleId :

Tgt Ion: 50 Resp: 31705

Ion Ratio Lower Upper

50 100

52 31.8 26.7 40.1



#4

Vinyl Chloride

Concen: 24.487 ug/l

RT: 2.247 min Scan# 70

Delta R.T. -0.006 min

Lab File: VY017306.D

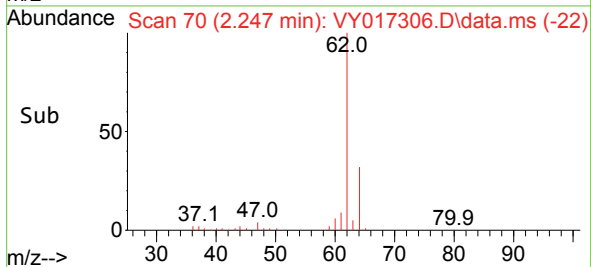
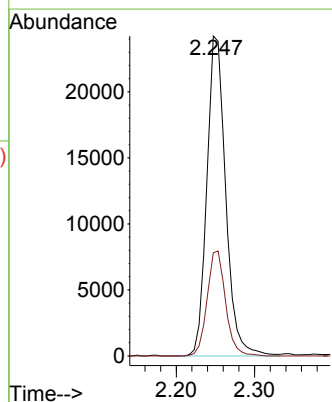
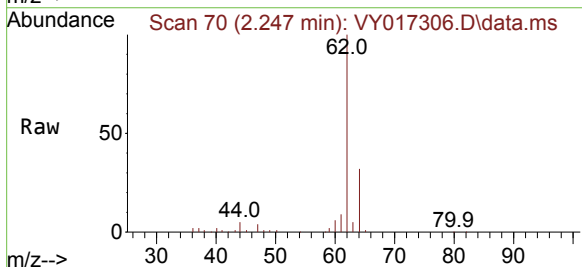
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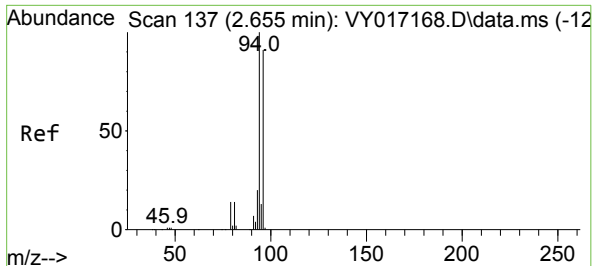
Tgt Ion: 62 Resp: 40516

Ion Ratio Lower Upper

62 100

64 32.3 25.7 38.5

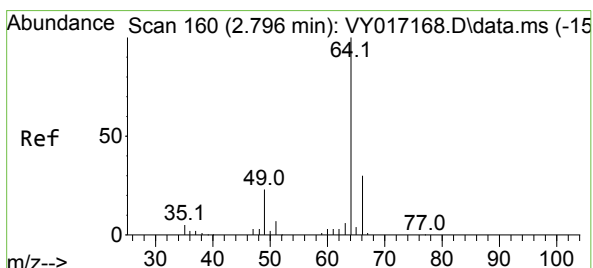
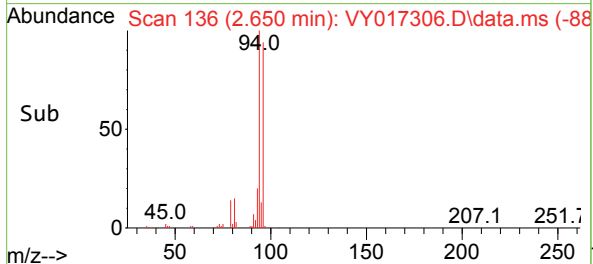
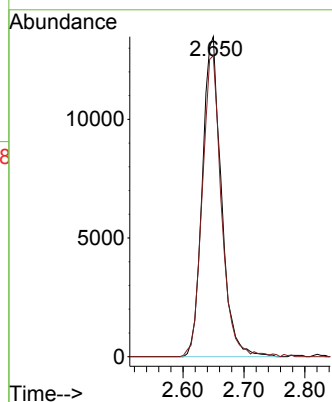
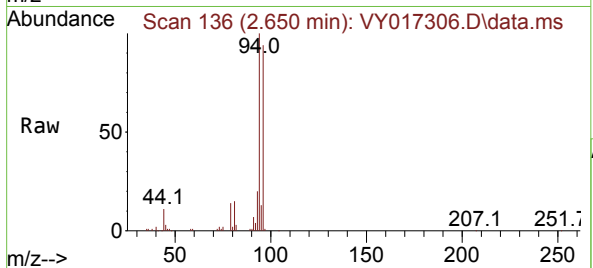




#5
Bromomethane
Concen: 25.463 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017306.D
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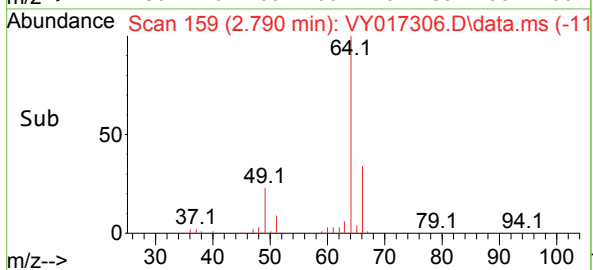
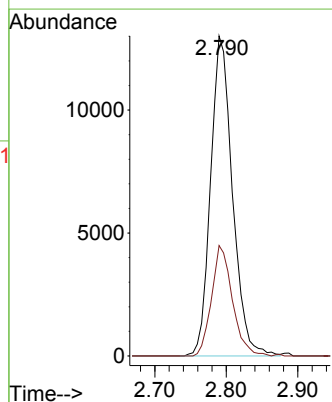
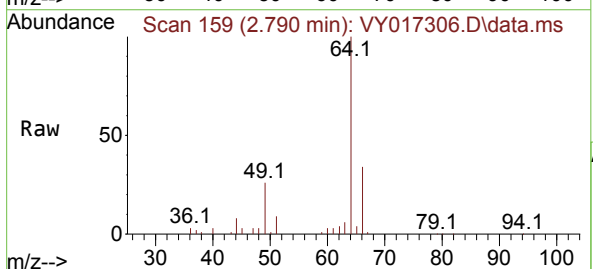
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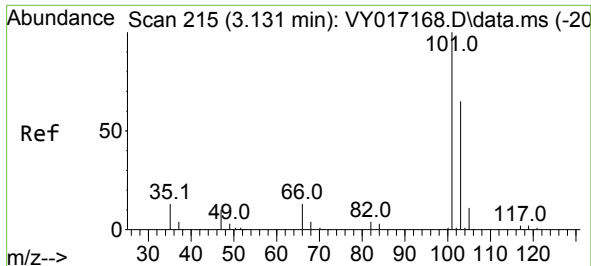
Tgt Ion: 94 Resp: 29205
Ion Ratio Lower Upper
94 100
96 94.0 77.3 115.9



#6
Chloroethane
Concen: 25.872 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY017306.D
Acq: 08 Feb 2024 12:37

Tgt Ion: 64 Resp: 27640
Ion Ratio Lower Upper
64 100
66 34.5 25.1 37.7

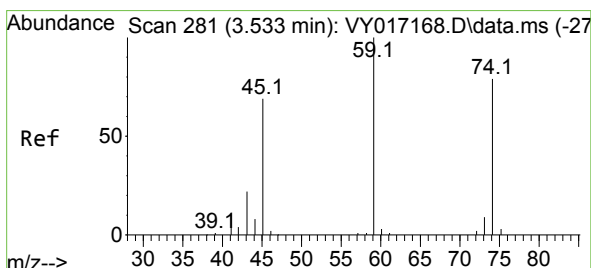
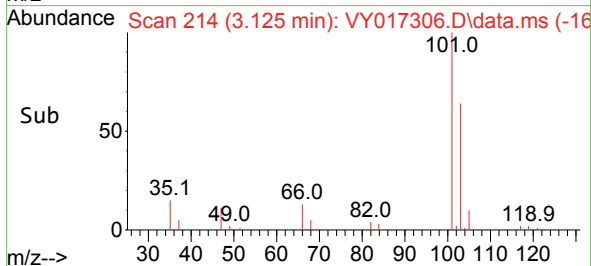
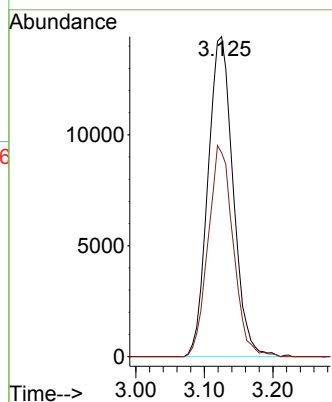
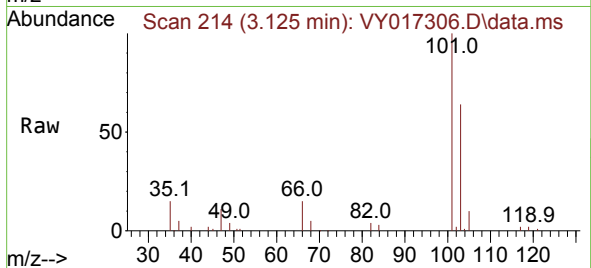




#7
Trichlorofluoromethane
Concen: 21.609 ug/l
RT: 3.125 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY017306.D
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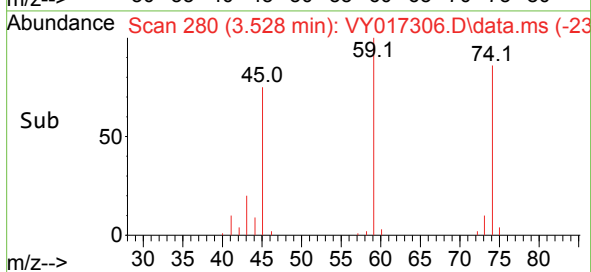
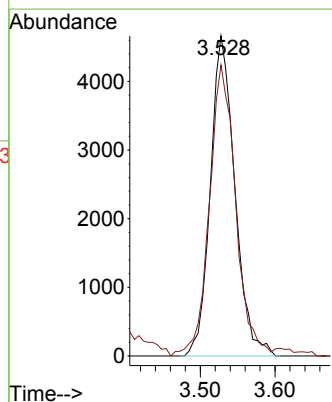
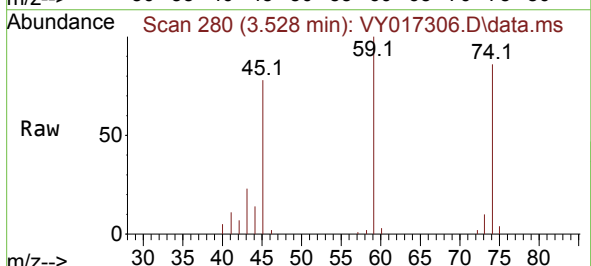
Instrument :
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ClientSampleId :

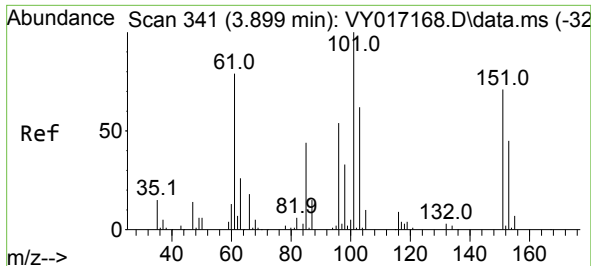
Tgt Ion:101 Resp: 36765
Ion Ratio Lower Upper
101 100
103 63.7 51.9 77.9



#8
Diethyl Ether
Concen: 19.821 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.006 min
Lab File: VY017306.D
Acq: 08 Feb 2024 12:37

Tgt Ion: 74 Resp: 10608
Ion Ratio Lower Upper
74 100
45 97.3 47.9 143.7

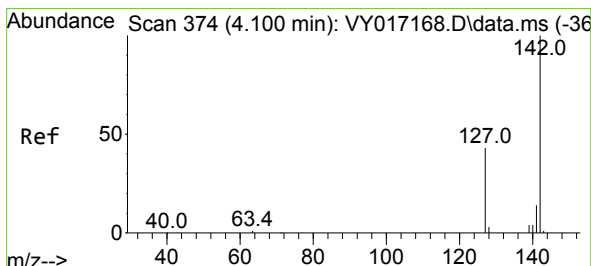
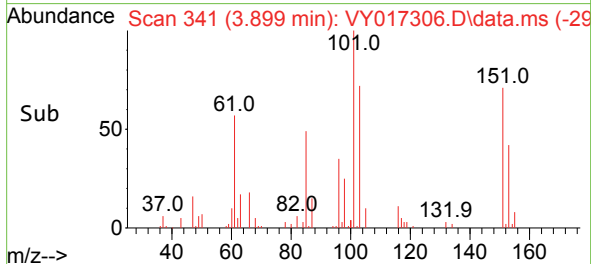
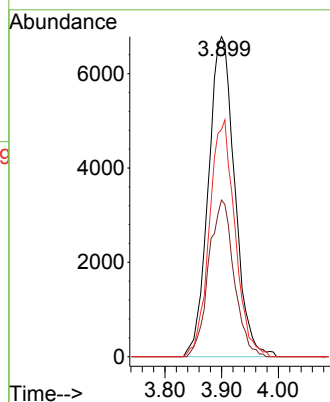
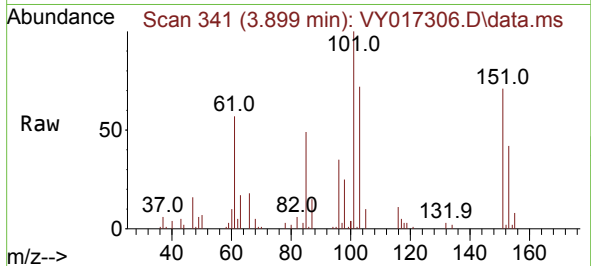




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.172 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY017306.D
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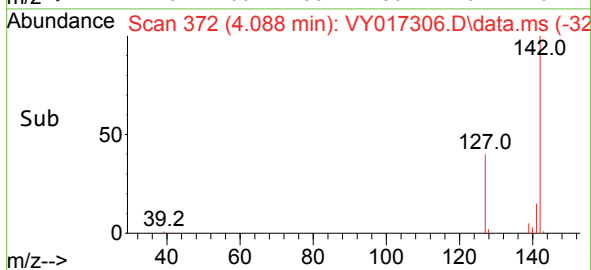
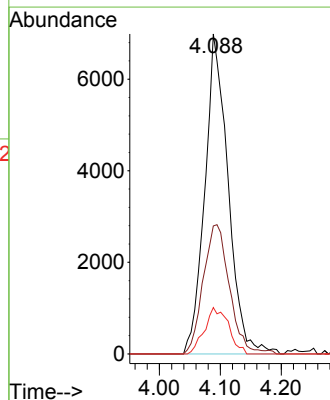
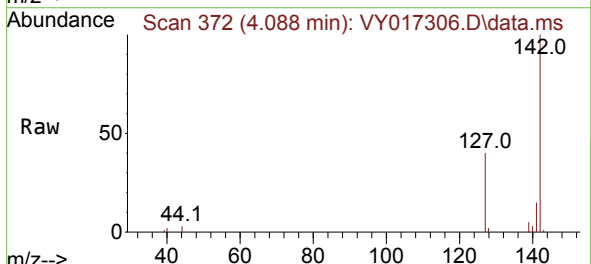
Instrument :
MSVOA_Y
ClientSampleId :

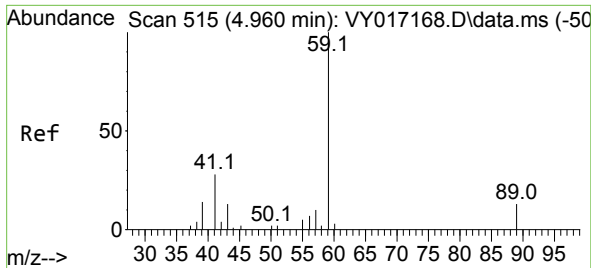
Tgt Ion:101 Resp: 21836
Ion Ratio Lower Upper
101 100
85 47.3 35.8 53.6
151 72.0 58.6 88.0



#10
Methyl Iodide
Concen: 17.145 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.012 min
Lab File: VY017306.D
Acq: 08 Feb 2024 12:37

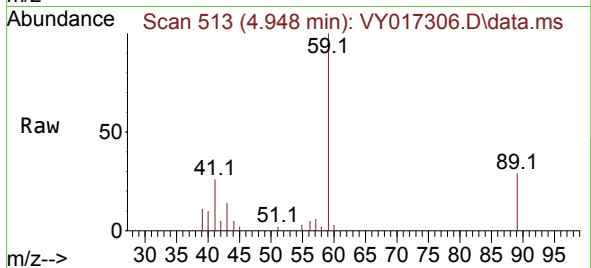
Tgt Ion:142 Resp: 18590
Ion Ratio Lower Upper
142 100
127 45.4 35.1 52.7
141 14.9 11.8 17.6



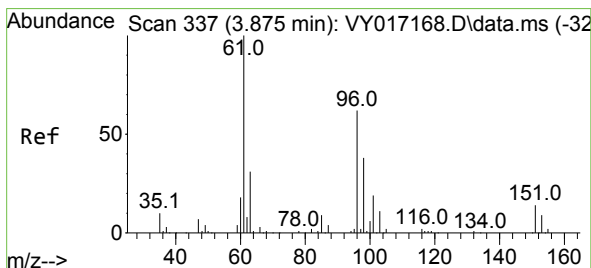
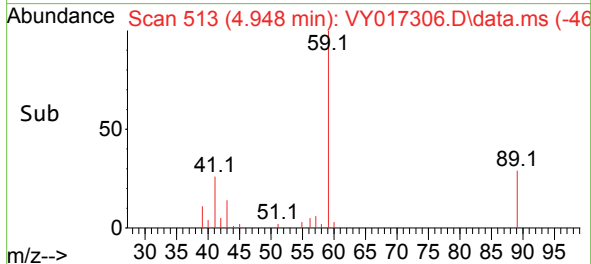
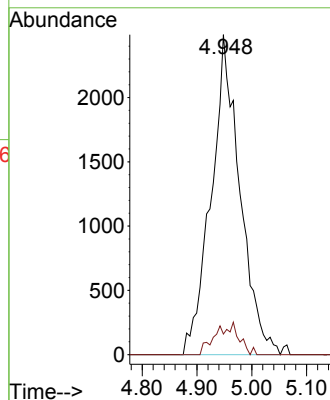


#11
Tert butyl alcohol
Concen: 112.220 ug/l
RT: 4.948 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY017306.D
Acq: 08 Feb 2024 12:37

Instrument :
MSVOA_Y
ClientSampleId :

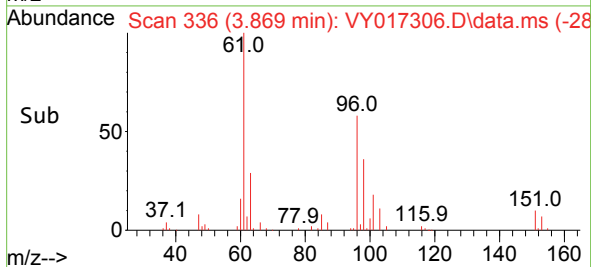
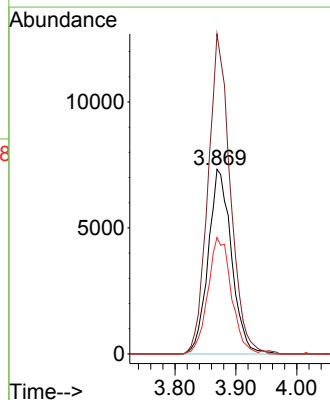
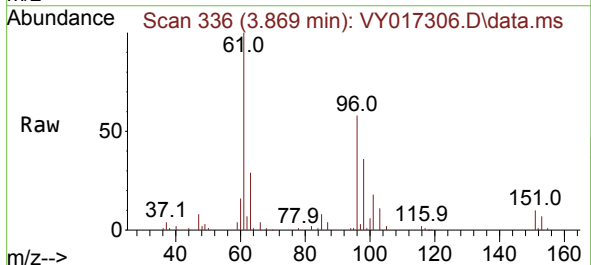


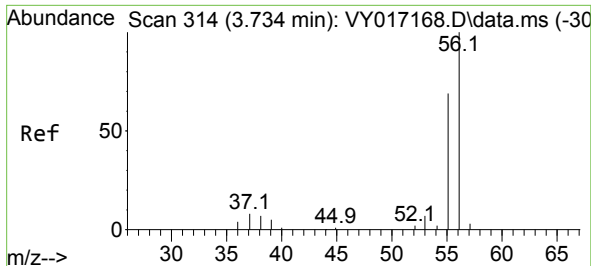
Tgt Ion: 59 Resp: 9094
Ion Ratio Lower Upper
59 100
57 3.8 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 20.133 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY017306.D
Acq: 08 Feb 2024 12:37

Tgt Ion: 96 Resp: 19457
Ion Ratio Lower Upper
96 100
61 173.4 124.2 186.2
98 63.1 52.6 79.0





#13

Acrolein

Concen: 94.560 ug/l

RT: 3.729 min Scan# 314

Delta R.T. -0.005 min

Lab File: VY017306.D

Acq: 08 Feb 2024 12:37

Instrument :

MSVOA_Y

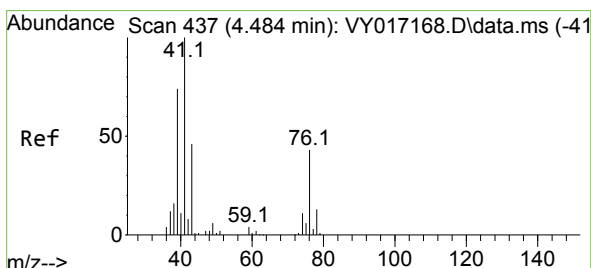
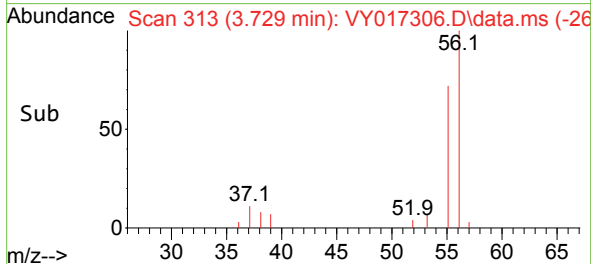
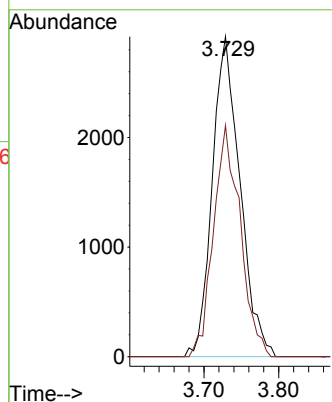
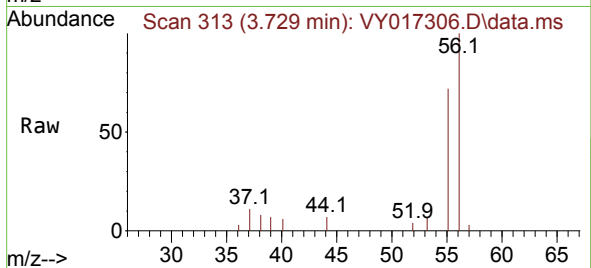
ClientSampleId :

Tgt Ion: 56 Resp: 7516

Ion Ratio Lower Upper

56 100

55 69.9 55.4 83.0



#14

Allyl chloride

Concen: 21.111 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY017306.D

Acq: 08 Feb 2024 12:37

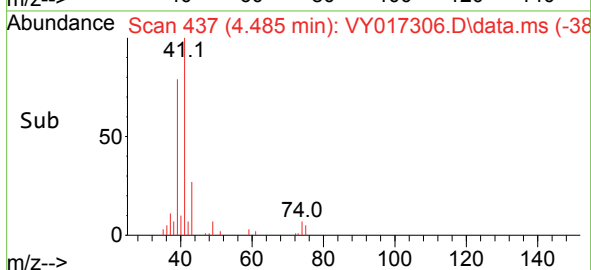
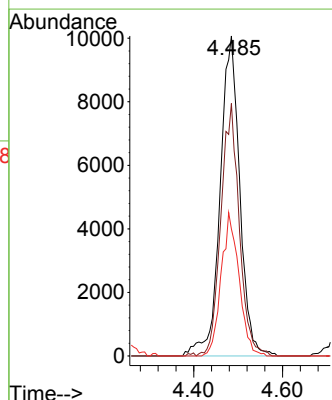
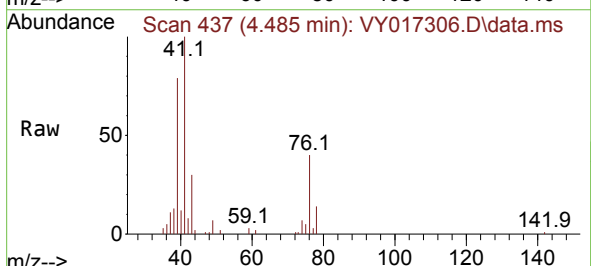
Tgt Ion: 41 Resp: 30844

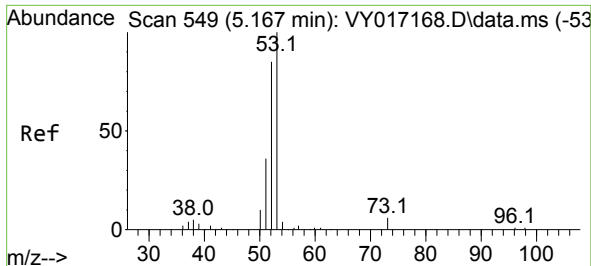
Ion Ratio Lower Upper

41 100

39 73.7 54.7 82.1

76 40.6 31.8 47.6





#15

Acrylonitrile

Concen: 97.497 ug/l

RT: 5.161 min Scan# 549

Delta R.T. -0.006 min

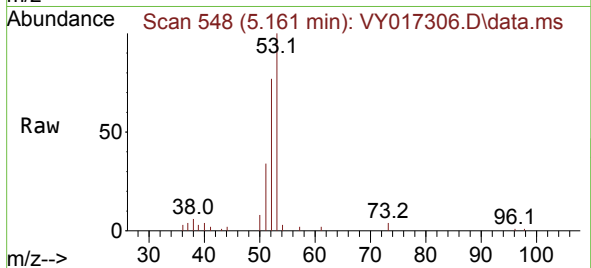
Lab File: VY017306.D

Acq: 08 Feb 2024 12:37

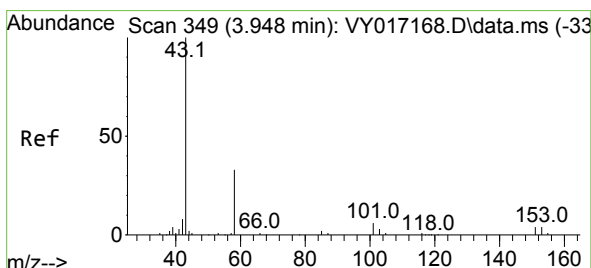
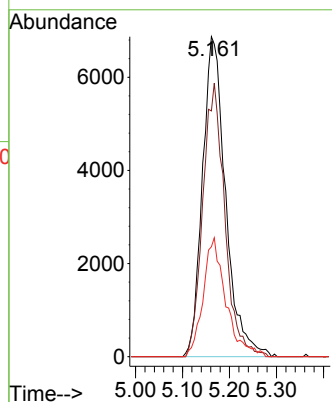
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 53	Resp: 23493
Ion Ratio	Lower Upper
53	100
52	81.1 65.1 97.7
51	36.4 29.0 43.4



#16

Acetone

Concen: 105.841 ug/l

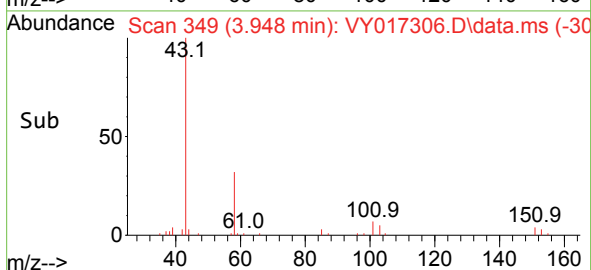
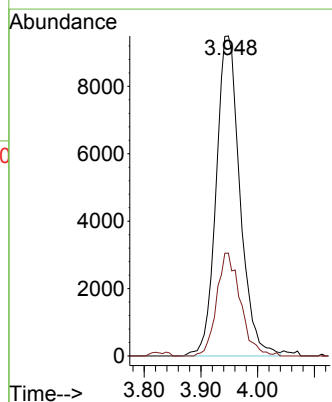
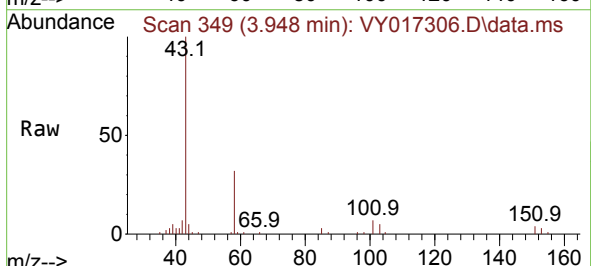
RT: 3.948 min Scan# 349

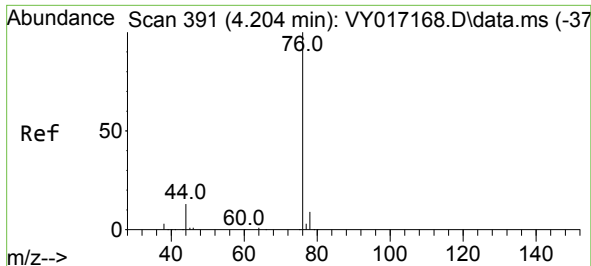
Delta R.T. 0.000 min

Lab File: VY017306.D

Acq: 08 Feb 2024 12:37

Tgt Ion: 43	Resp: 27707
Ion Ratio	Lower Upper
43	100
58	32.1 26.6 39.8

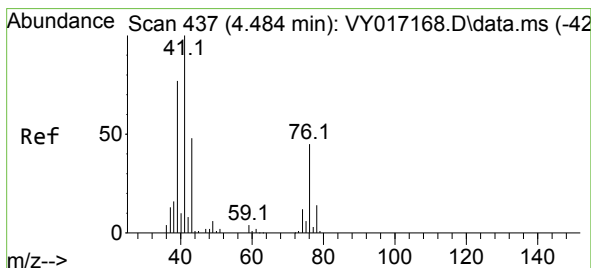
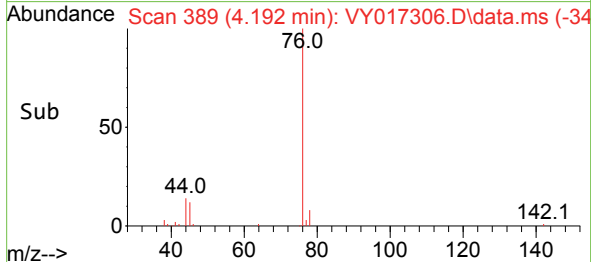
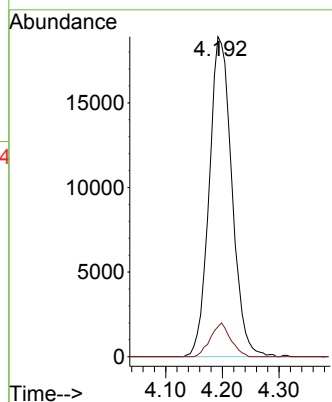
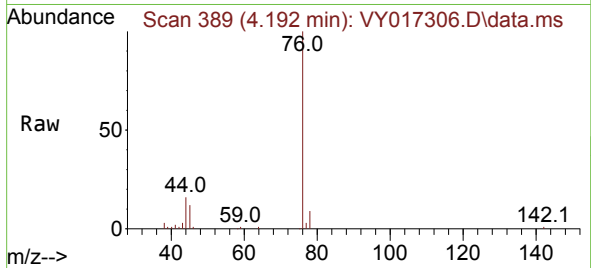




#17
Carbon Disulfide
Concen: 17.037 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY017306.D
Acq: 08 Feb 2024 12:37

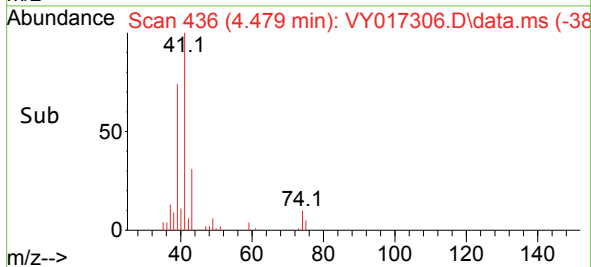
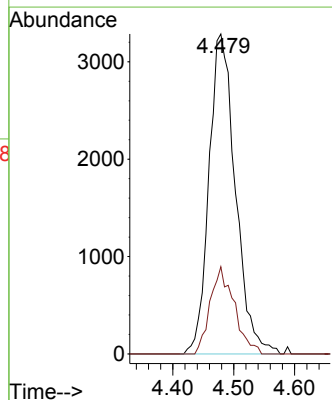
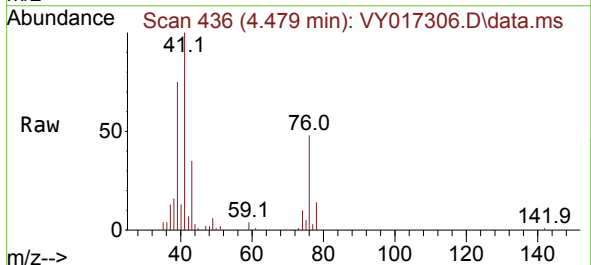
Instrument :
MSVOA_Y
ClientSampleId :

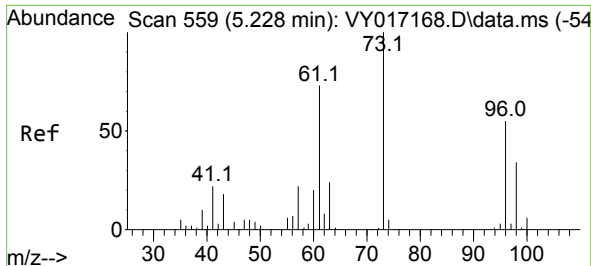
Tgt Ion: 76 Resp: 52559
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 16.959 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY017306.D
Acq: 08 Feb 2024 12:37

Tgt Ion: 43 Resp: 9904
Ion Ratio Lower Upper
43 100
74 24.8 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 20.155 ug/l

RT: 5.222 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY017306.D

Acq: 08 Feb 2024 12:37

Instrument :

MSVOA_Y

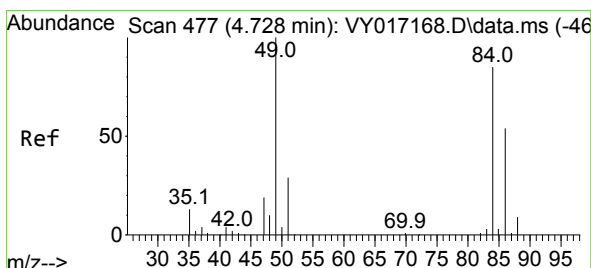
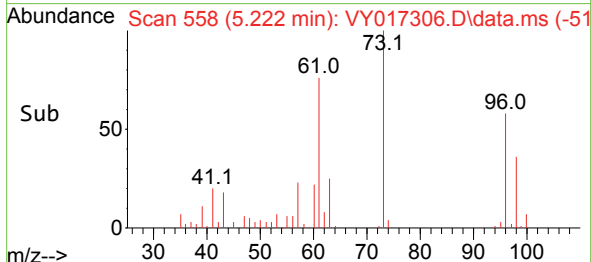
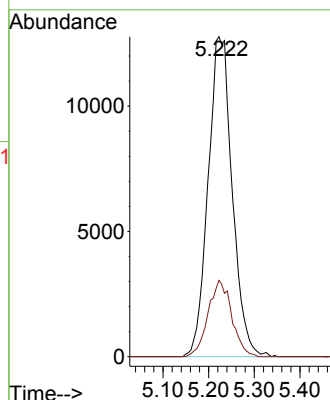
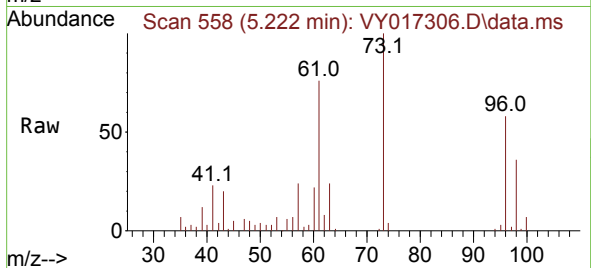
ClientSampleId :

Tgt Ion: 73 Resp: 46910

Ion Ratio Lower Upper

73 100

57 23.9 17.7 26.5



#20

Methylene Chloride

Concen: 28.391 ug/l

RT: 4.716 min Scan# 475

Delta R.T. -0.012 min

Lab File: VY017306.D

Acq: 08 Feb 2024 12:37

Tgt Ion: 84 Resp: 32063

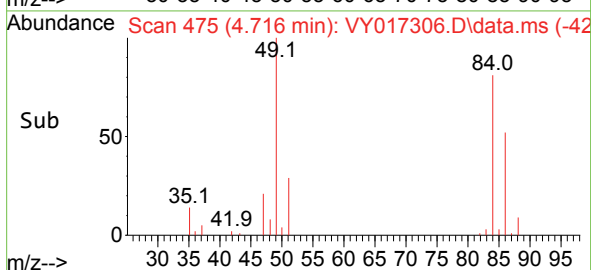
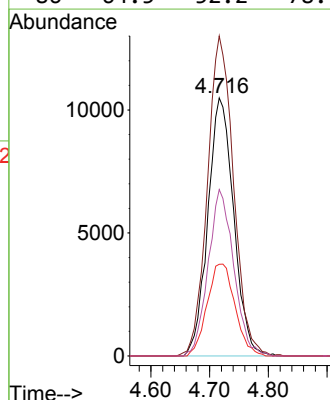
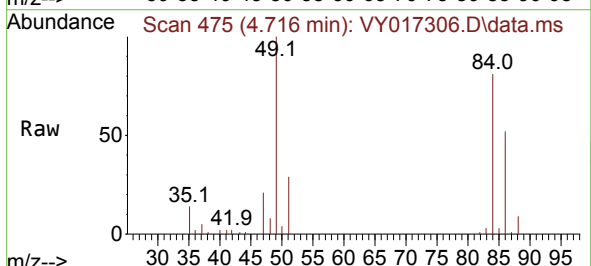
Ion Ratio Lower Upper

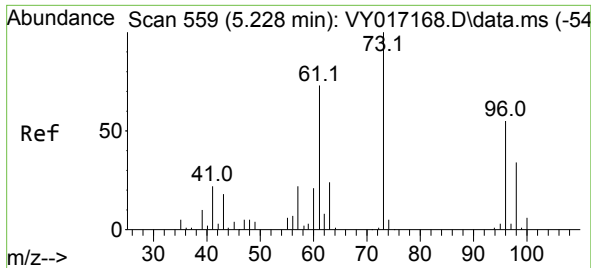
84 100

49 123.5 95.2 142.8

51 35.5 29.9 44.9

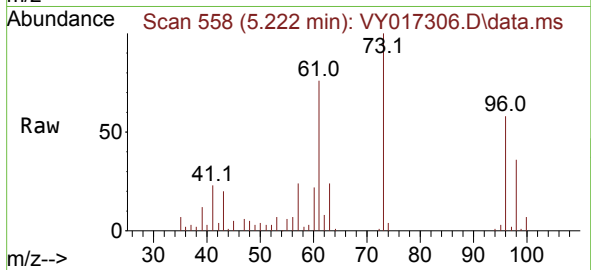
86 64.5 52.2 78.4



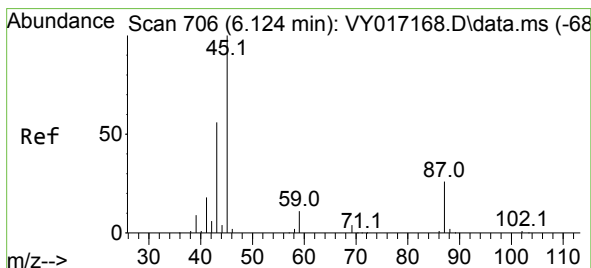
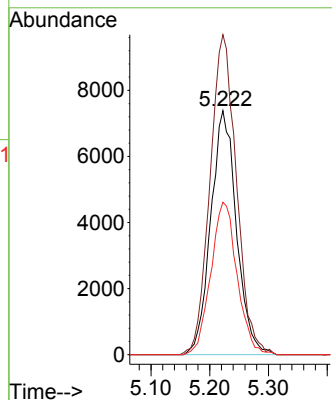
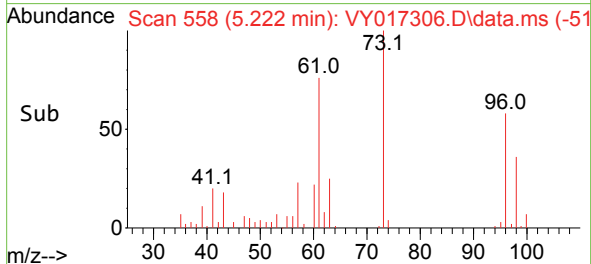


#21
trans-1,2-Dichloroethene
Concen: 20.398 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY017306.D
Acq: 08 Feb 2024 12:37

Instrument :
MSVOA_Y
ClientSampleId :

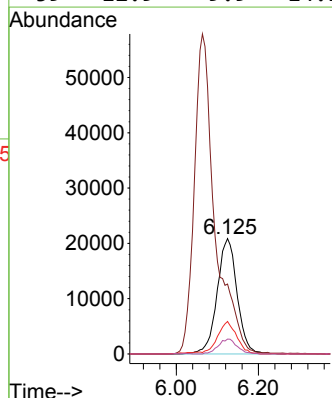
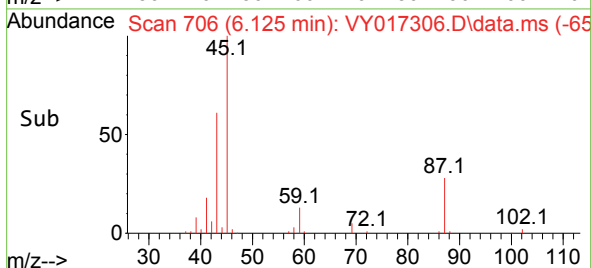
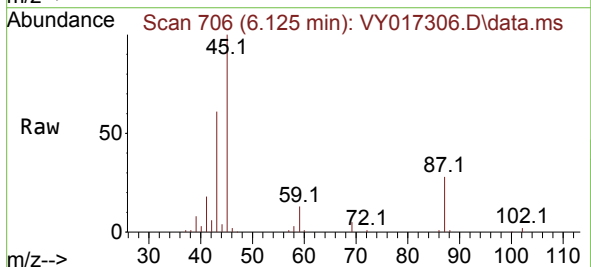


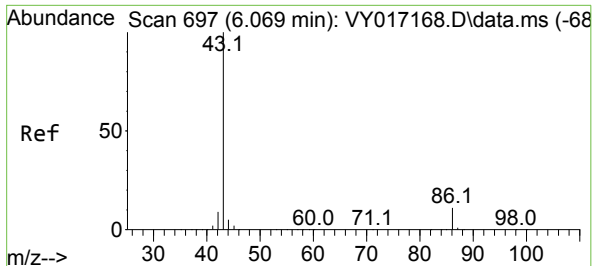
Tgt Ion: 96 Resp: 22426
Ion Ratio Lower Upper
96 100
61 131.2 104.6 156.8
98 62.5 50.9 76.3



#22
Diisopropyl ether
Concen: 21.949 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY017306.D
Acq: 08 Feb 2024 12:37

Tgt Ion: 45 Resp: 70423
Ion Ratio Lower Upper
45 100
43 59.8 46.8 70.2
87 28.2 22.2 33.2
59 12.9 9.9 14.9

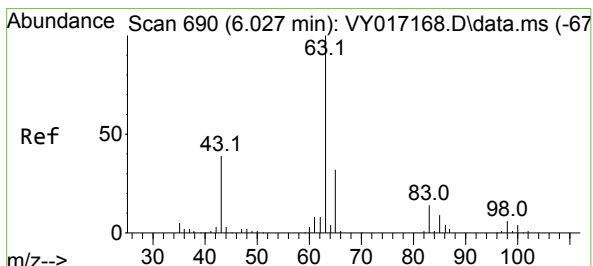
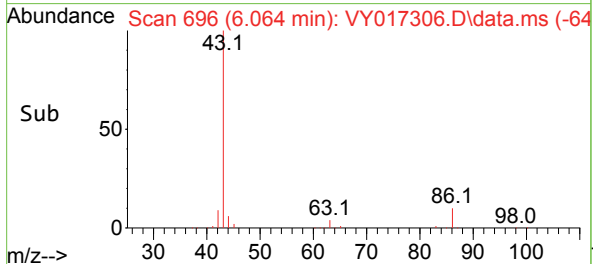
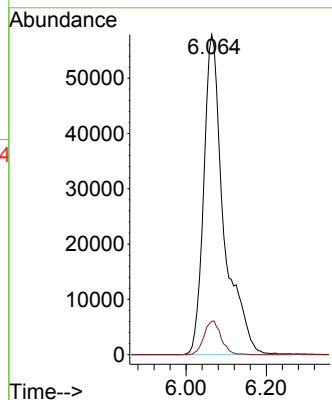
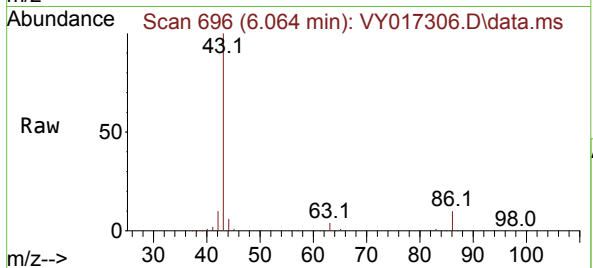




#23
 Vinyl Acetate
 Concen: 103.493 ug/l
 RT: 6.064 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VY017306.D
 Acq: 08 Feb 2024 12:37

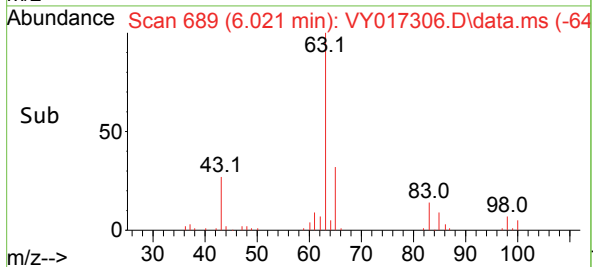
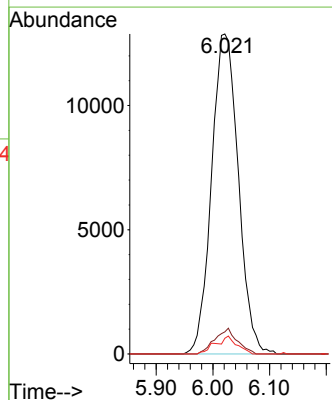
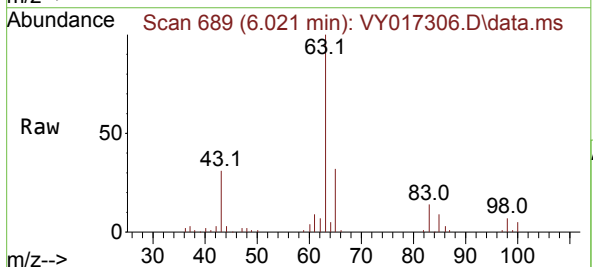
Instrument :
 MSVOA_Y
 ClientSampleId :

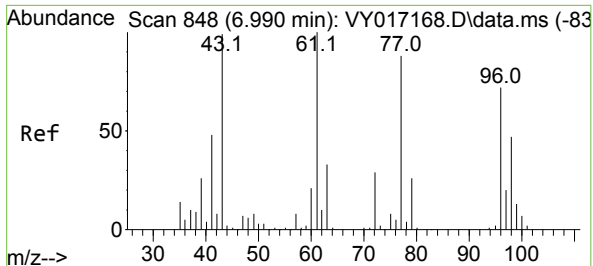
Tgt Ion: 43 Resp: 201194
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 21.521 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.006 min
 Lab File: VY017306.D
 Acq: 08 Feb 2024 12:37

Tgt Ion: 63 Resp: 42299
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.4
 100 4.9 2.1 6.2





#25

2-Butanone

Concen: 105.375 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY017306.D

Acq: 08 Feb 2024 12:37

Instrument :

MSVOA_Y

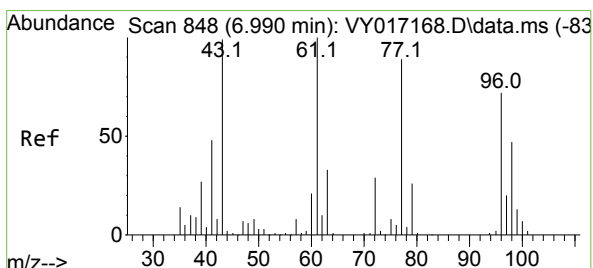
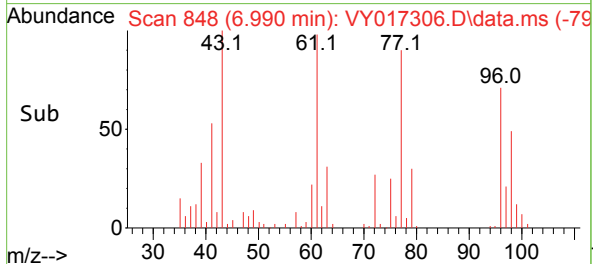
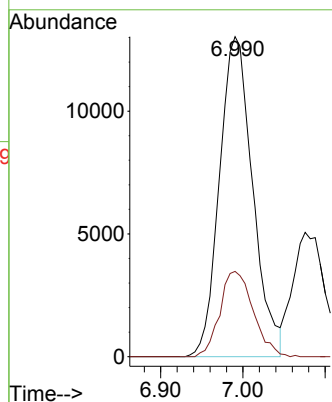
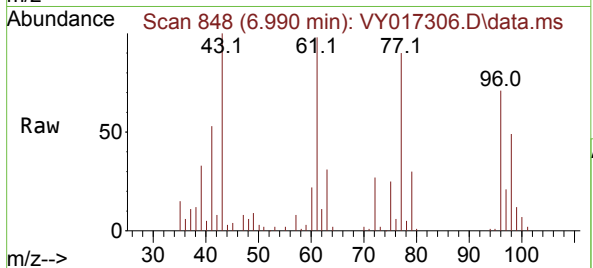
ClientSampleId :

Tgt Ion: 43 Resp: 36671

Ion Ratio Lower Upper

43 100

72 26.6 21.4 32.2



#26

2,2-Dichloropropane

Concen: 22.309 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY017306.D

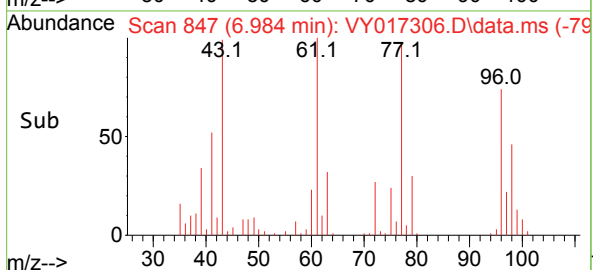
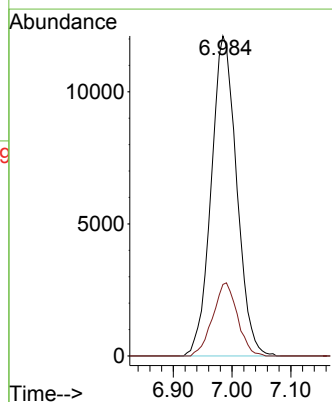
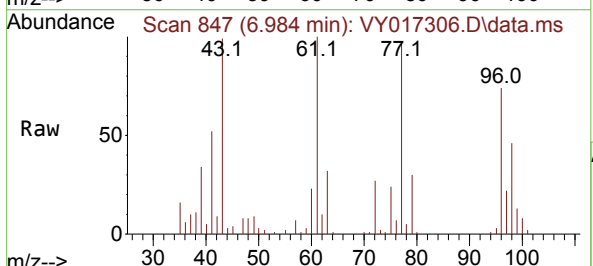
Acq: 08 Feb 2024 12:37

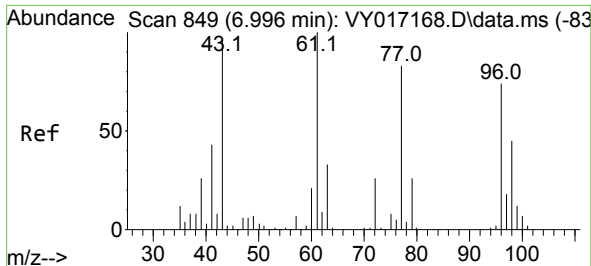
Tgt Ion: 77 Resp: 36471

Ion Ratio Lower Upper

77 100

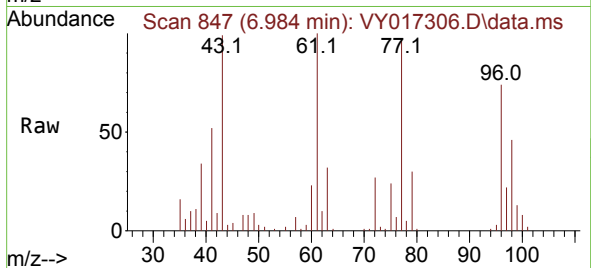
97 22.1 11.7 35.0





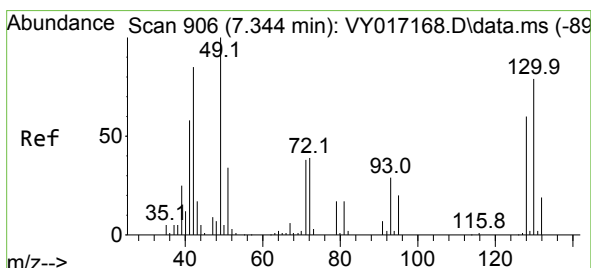
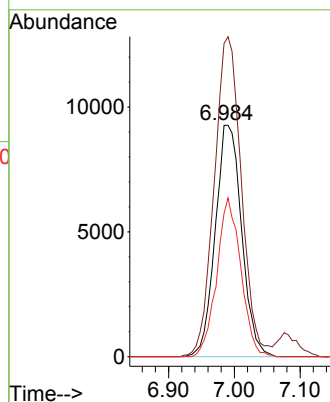
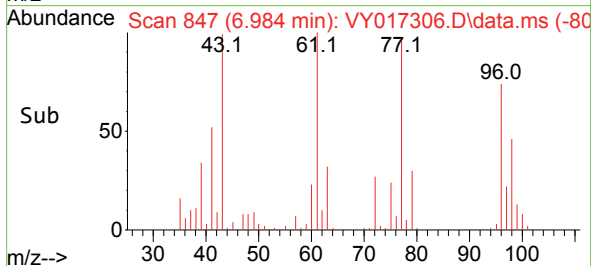
#27
cis-1,2-Dichloroethene
Concen: 21.033 ug/l
RT: 6.984 min Scan# 849
Delta R.T. -0.012 min
Lab File: VY017306.D
Acq: 08 Feb 2024 12:37

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 96 Resp: 25862

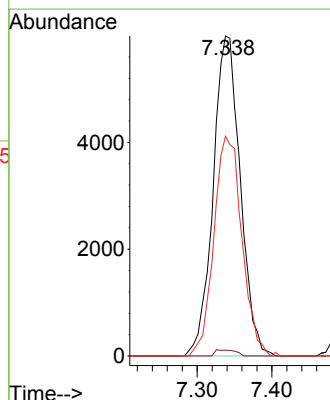
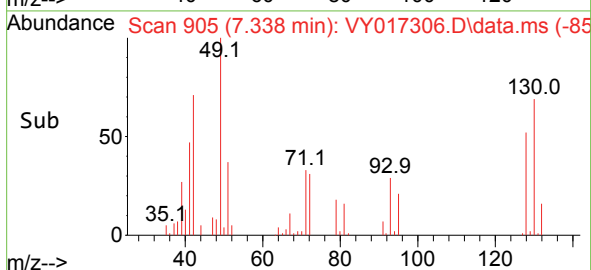
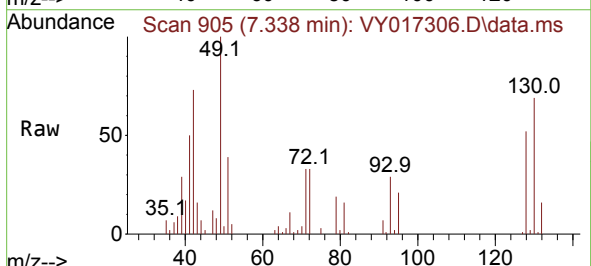
Ion	Ratio	Lower	Upper
96	100		
61	142.6	0.0	278.8
98	62.6	0.0	127.0

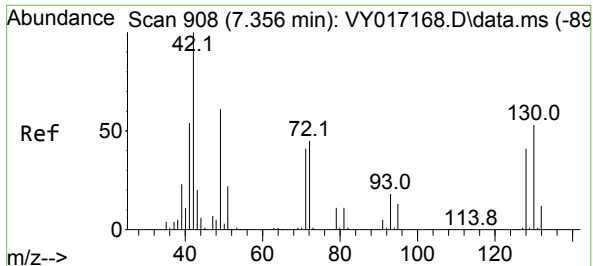


#28
Bromochloromethane
Concen: 20.078 ug/l
RT: 7.338 min Scan# 905
Delta R.T. -0.006 min
Lab File: VY017306.D
Acq: 08 Feb 2024 12:37

Tgt Ion: 49 Resp: 15110

Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	3.8
130	70.9	59.8	89.8





#29

Tetrahydrofuran

Concen: 95.694 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY017306.D

Acq: 08 Feb 2024 12:37

Instrument :

MSVOA_Y

ClientSampleId :

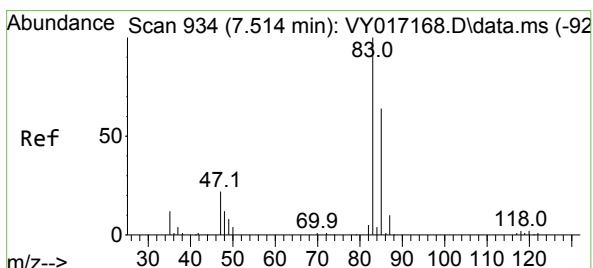
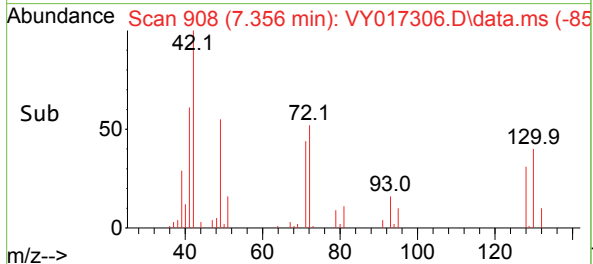
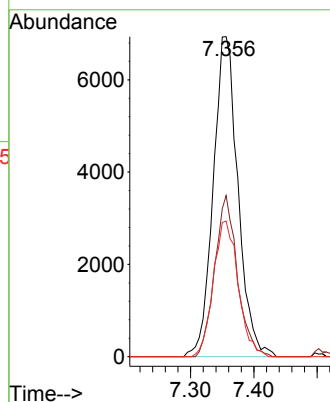
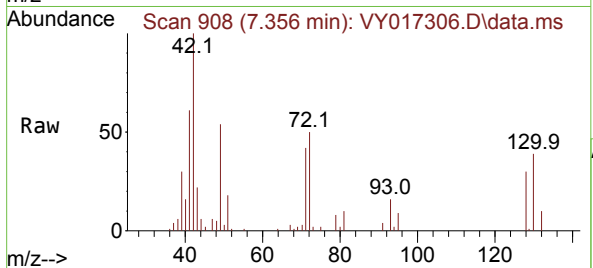
Tgt Ion: 42 Resp: 18812

Ion Ratio Lower Upper

42 100

72 46.0 36.6 54.8

71 42.7 33.8 50.6



#30

Chloroform

Concen: 22.091 ug/l

RT: 7.509 min Scan# 933

Delta R.T. -0.006 min

Lab File: VY017306.D

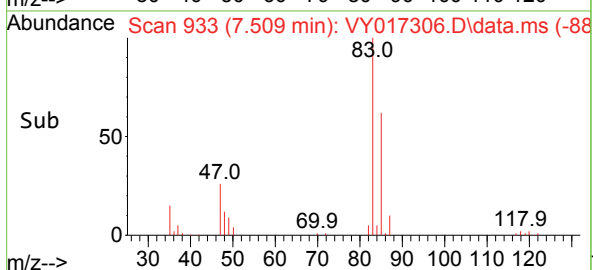
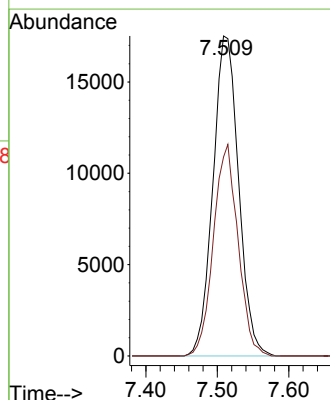
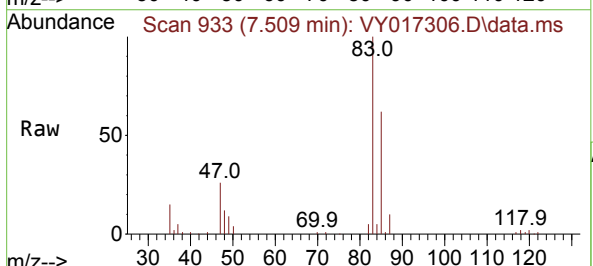
Acq: 08 Feb 2024 12:37

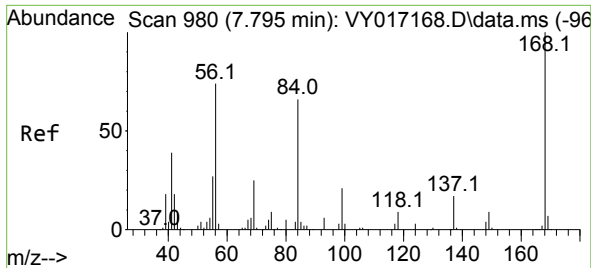
Tgt Ion: 83 Resp: 43679

Ion Ratio Lower Upper

83 100

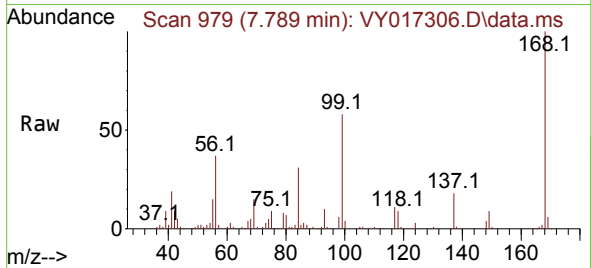
85 62.2 51.2 76.8



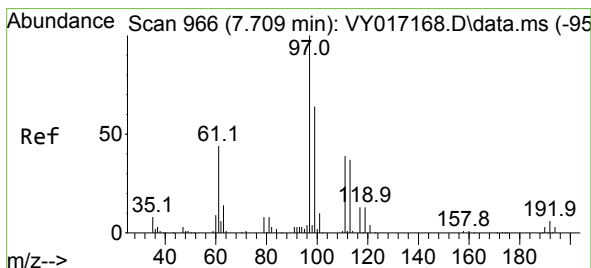
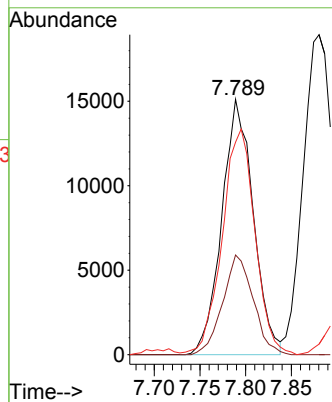
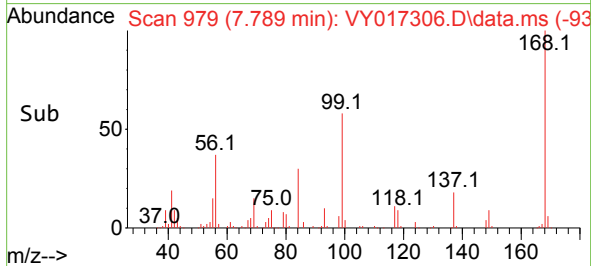


#31
Cyclohexane
Concen: 20.190 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017306.D
Acq: 08 Feb 2024 12:37

Instrument :
MSVOA_Y
ClientSampleId :

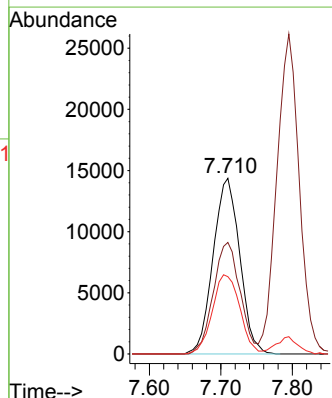
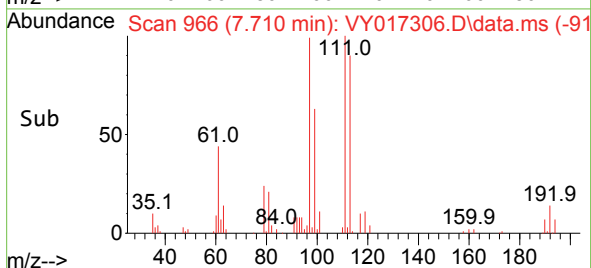
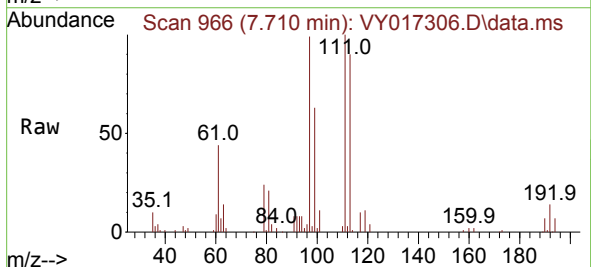


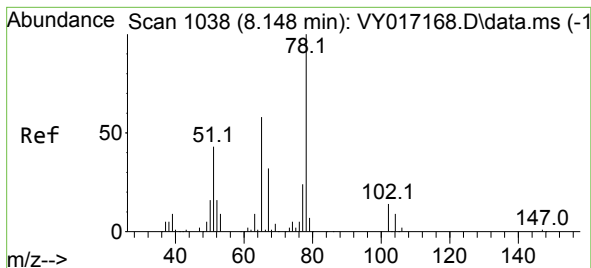
Tgt Ion: 56 Resp: 36245
Ion Ratio Lower Upper
56 100
69 39.1 27.0 40.6
84 82.5 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 21.821 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY017306.D
Acq: 08 Feb 2024 12:37

Tgt Ion: 97 Resp: 37111
Ion Ratio Lower Upper
97 100
99 64.2 51.2 76.8
61 46.8 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 51.391 ug/l

RT: 8.149 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY017306.D

Acq: 08 Feb 2024 12:37

Instrument :

MSVOA_Y

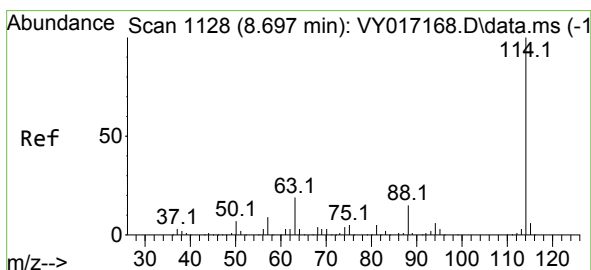
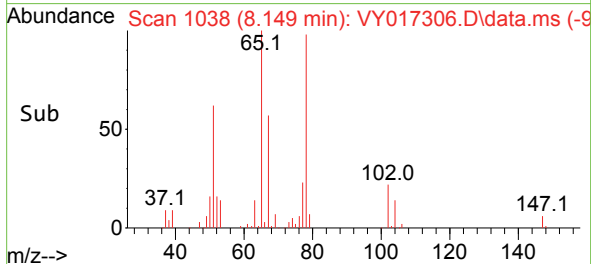
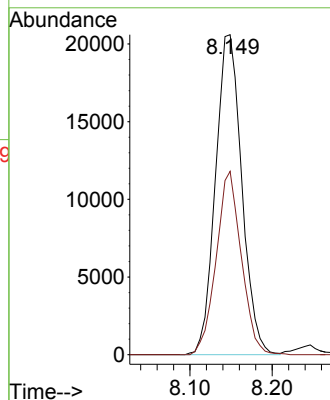
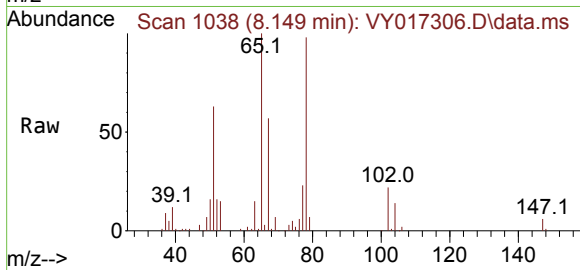
ClientSampleId :

Tgt Ion: 65 Resp: 45772

Ion Ratio Lower Upper

65 100

67 54.8 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017306.D

Acq: 08 Feb 2024 12:37

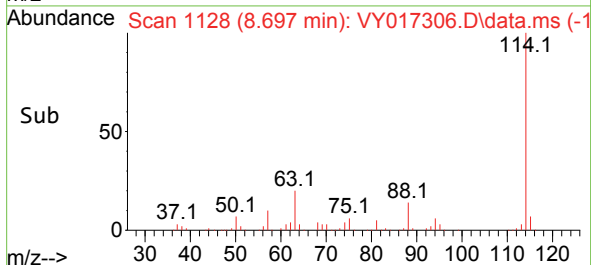
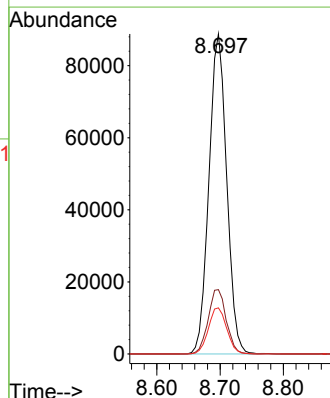
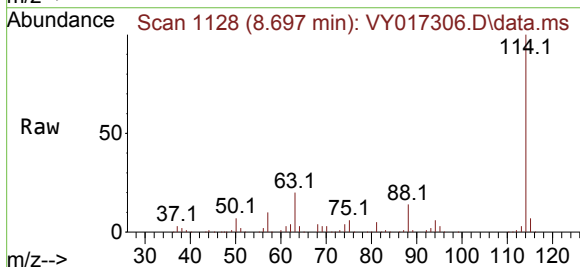
Tgt Ion: 114 Resp: 173025

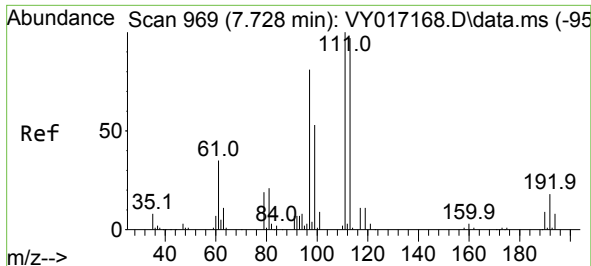
Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.4

88 14.4 0.0 29.0

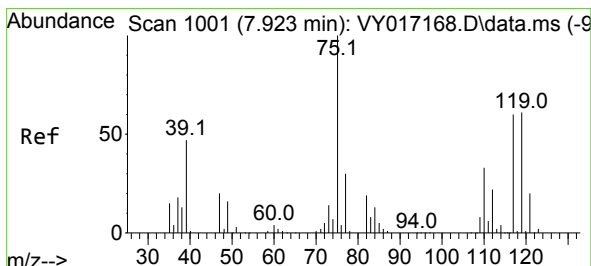
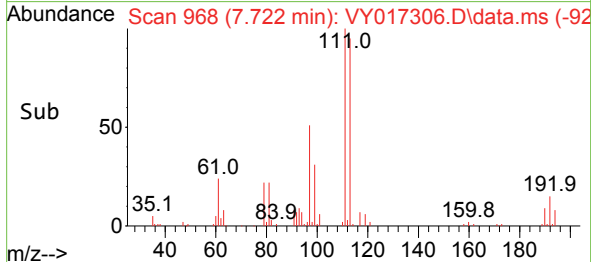
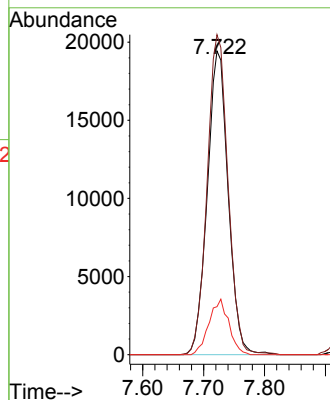
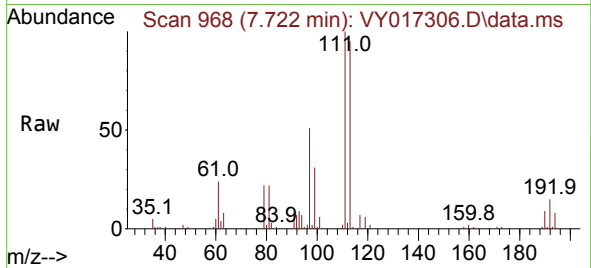




#35
Dibromofluoromethane
Concen: 49.567 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017306.D
Acq: 08 Feb 2024 12:37

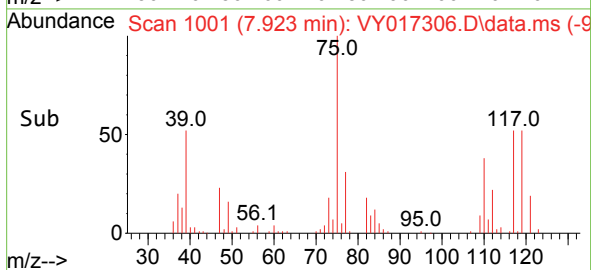
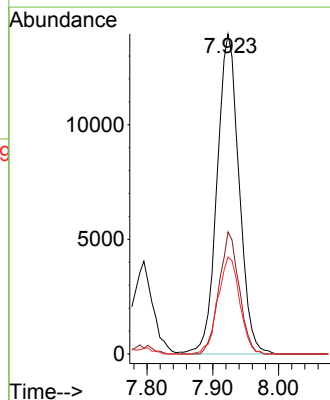
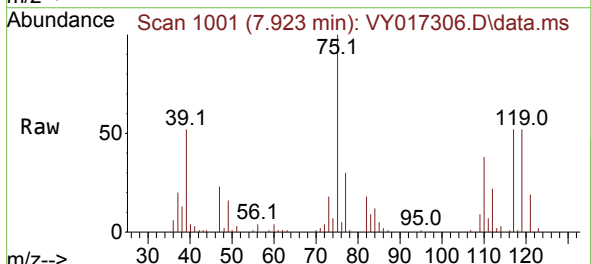
Instrument :
MSVOA_Y
ClientSampleId :

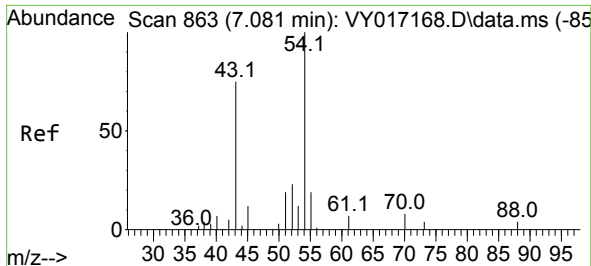
Tgt Ion:113 Resp: 46307
Ion Ratio Lower Upper
113 100
111 105.2 83.8 125.6
192 17.4 14.5 21.7



#36
1,1-Dichloropropene
Concen: 20.165 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY017306.D
Acq: 08 Feb 2024 12:37

Tgt Ion: 75 Resp: 32495
Ion Ratio Lower Upper
75 100
110 34.8 17.4 52.3
77 30.1 24.7 37.1





#37

Ethyl Acetate

Concen: 19.424 ug/l

RT: 7.076 min Scan# 80

Delta R.T. -0.006 min

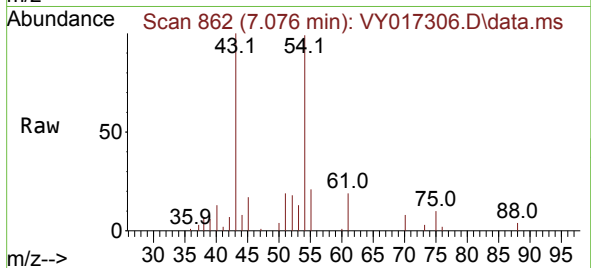
Lab File: VY017306.D

Acq: 08 Feb 2024 12:37

Instrument :

MSVOA_Y

ClientSampleId :



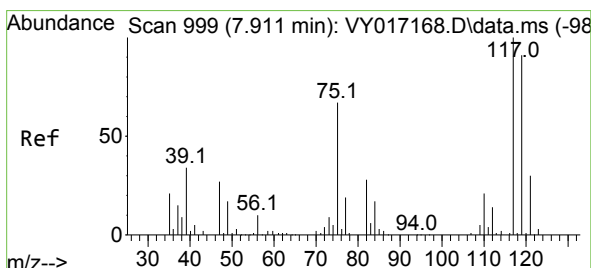
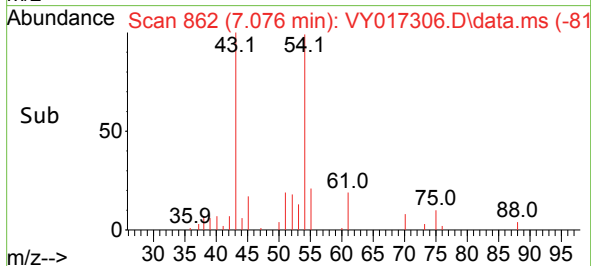
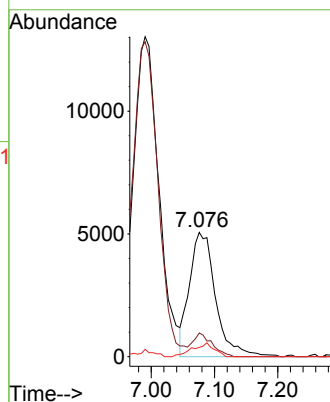
Tgt Ion: 43 Resp: 14518

Ion Ratio Lower Upper

43 100

61 13.8 11.0 16.6

70 9.1 8.1 12.1



#38

Carbon Tetrachloride

Concen: 20.559 ug/l

RT: 7.911 min Scan# 999

Delta R.T. 0.000 min

Lab File: VY017306.D

Acq: 08 Feb 2024 12:37

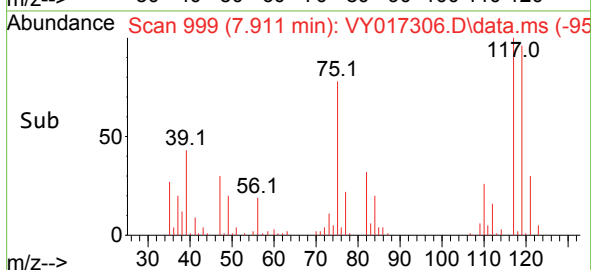
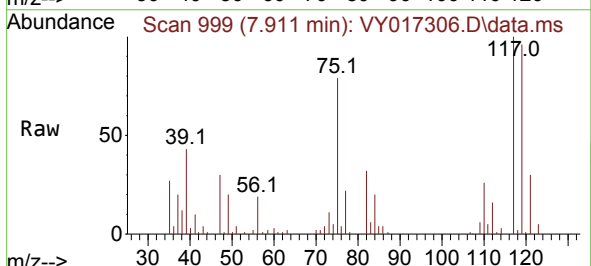
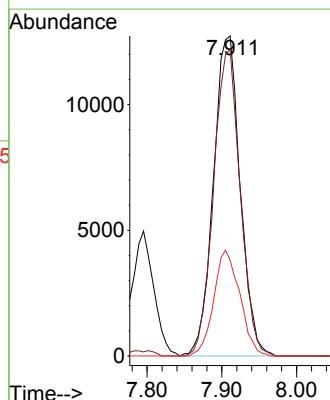
Tgt Ion: 117 Resp: 31721

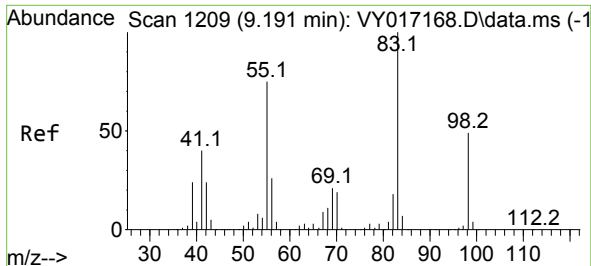
Ion Ratio Lower Upper

117 100

119 95.8 76.0 114.0

121 29.9 24.2 36.2





#39

Methylcyclohexane

Concen: 19.289 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017306.D

Acq: 08 Feb 2024 12:37

Instrument :

MSVOA_Y

ClientSampleId :

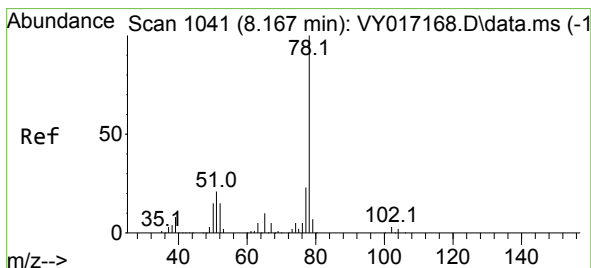
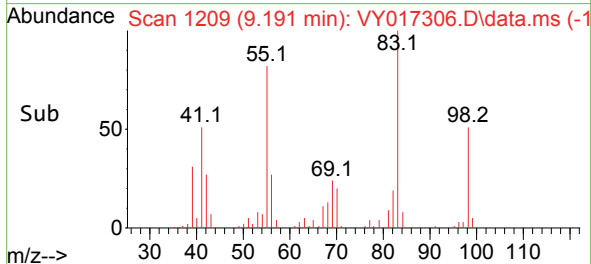
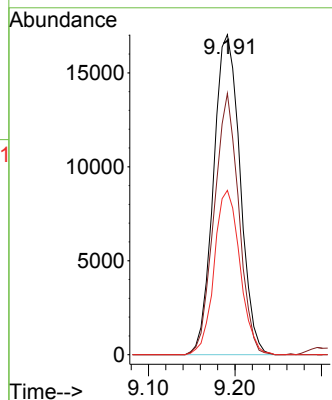
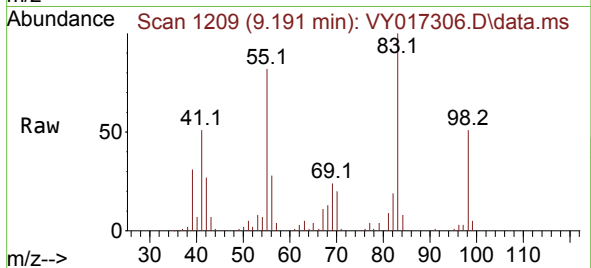
Tgt Ion: 83 Resp: 36313

Ion Ratio Lower Upper

83 100

55 81.6 59.7 89.5

98 51.3 38.0 57.0



#40

Benzene

Concen: 20.554 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY017306.D

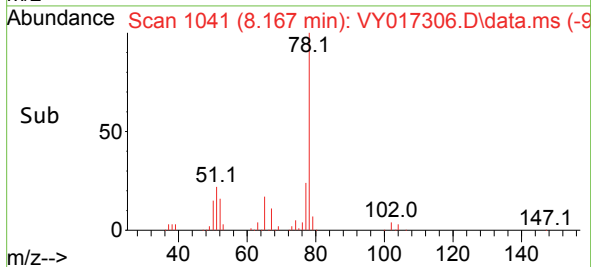
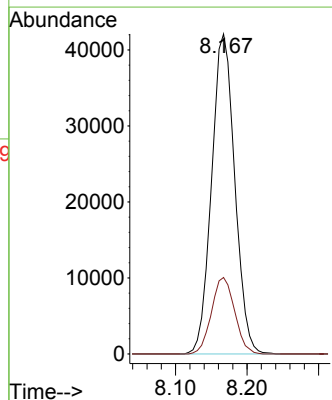
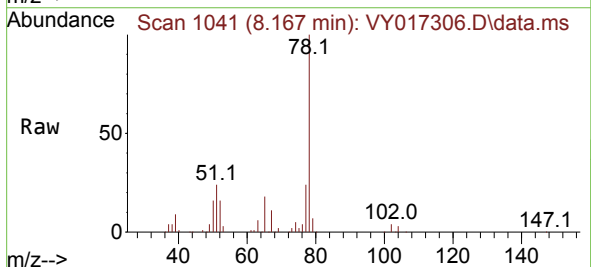
Acq: 08 Feb 2024 12:37

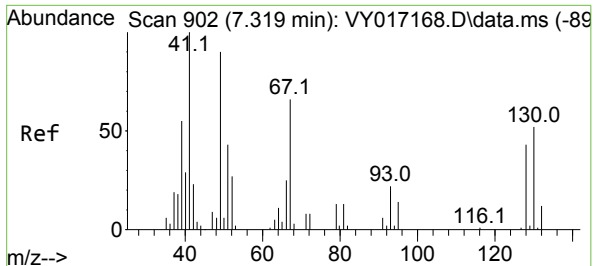
Tgt Ion: 78 Resp: 94588

Ion Ratio Lower Upper

78 100

77 23.9 18.8 28.2

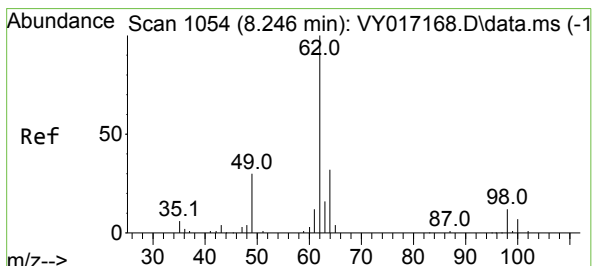
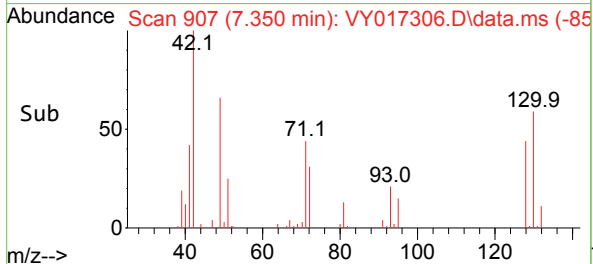
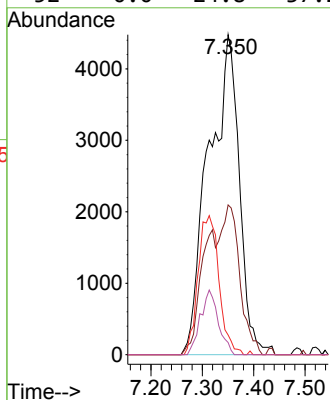
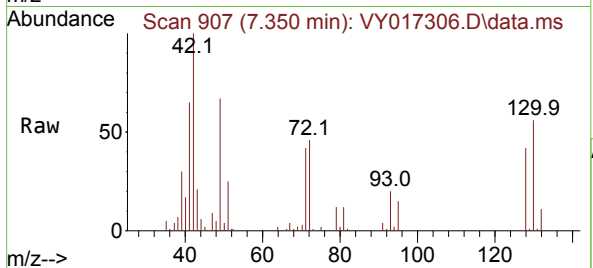




#41
Methacrylonitrile
Concen: 51.996 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.031 min
Lab File: VY017306.D
Acq: 08 Feb 2024 12:37

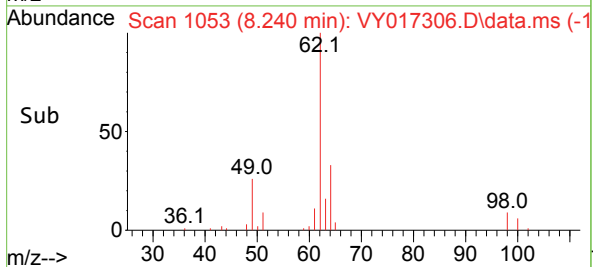
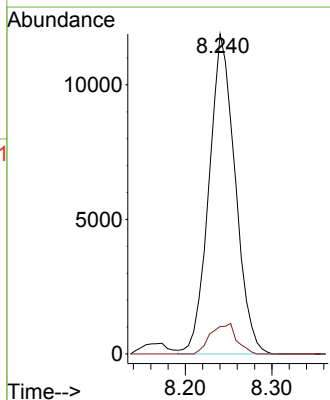
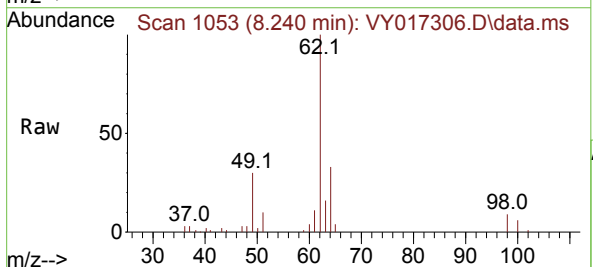
Instrument :
MSVOA_Y
ClientSampleId :

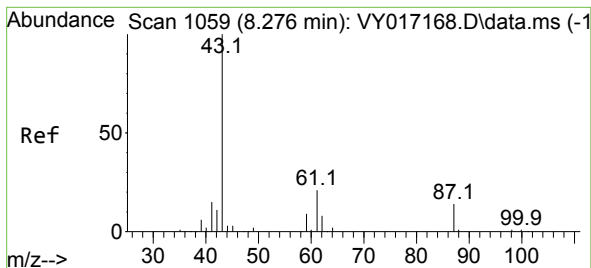
Tgt Ion: 41 Resp: 18413
Ion Ratio Lower Upper
41 100
39 27.6 41.9 62.9#
67 0.0 59.8 89.6#
52 0.0 24.8 37.2#



#42
1,2-Dichloroethane
Concen: 20.502 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VY017306.D
Acq: 08 Feb 2024 12:37

Tgt Ion: 62 Resp: 24980
Ion Ratio Lower Upper
62 100
98 9.3 0.0 20.2





#43

Isopropyl Acetate

Concen: 19.816 ug/l

RT: 8.277 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VY017306.D

Acq: 08 Feb 2024 12:37

Instrument :

MSVOA_Y

ClientSampleId :

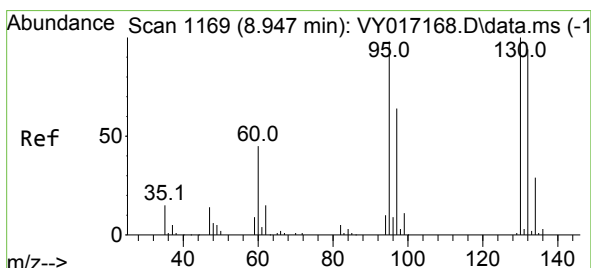
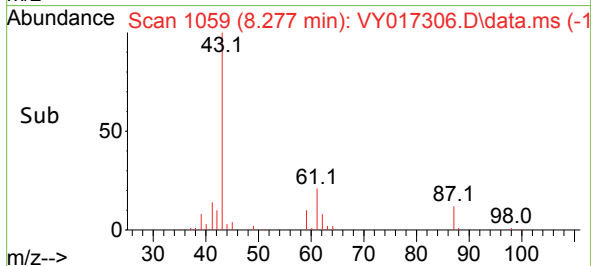
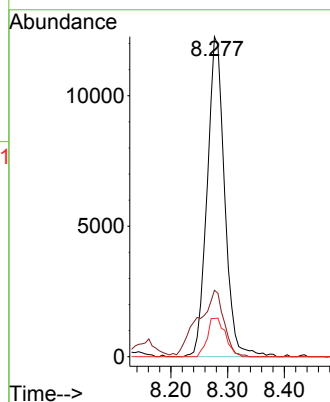
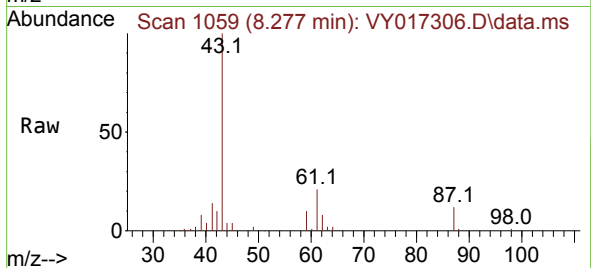
Tgt Ion: 43 Resp: 26218

Ion Ratio Lower Upper

43 100

61 30.7 24.8 37.2

87 12.4 10.7 16.1



#44

Trichloroethene

Concen: 20.213 ug/l

RT: 8.947 min Scan# 1169

Delta R.T. 0.000 min

Lab File: VY017306.D

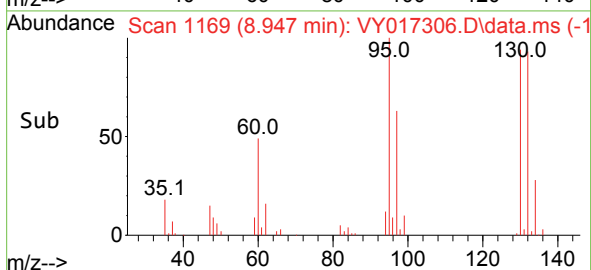
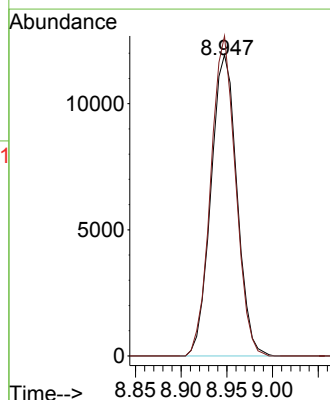
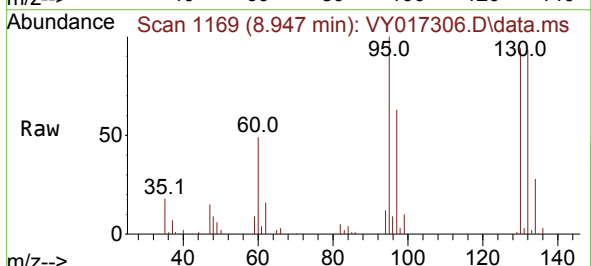
Acq: 08 Feb 2024 12:37

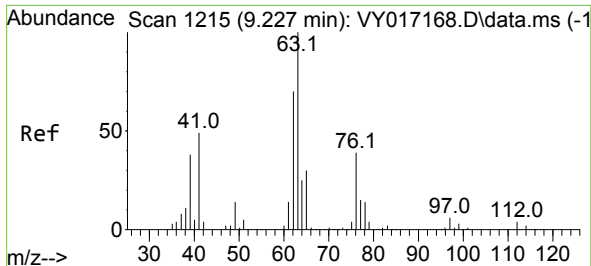
Tgt Ion:130 Resp: 23612

Ion Ratio Lower Upper

130 100

95 106.3 0.0 203.8

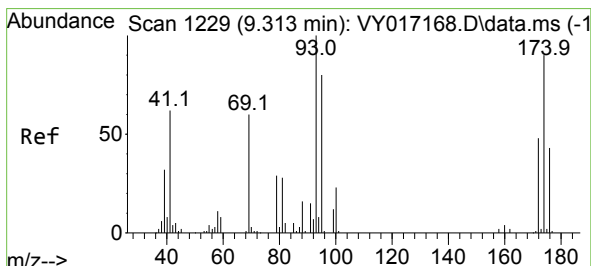
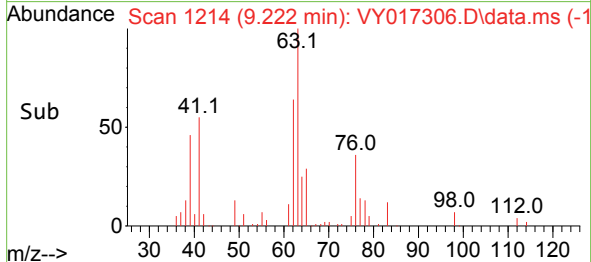
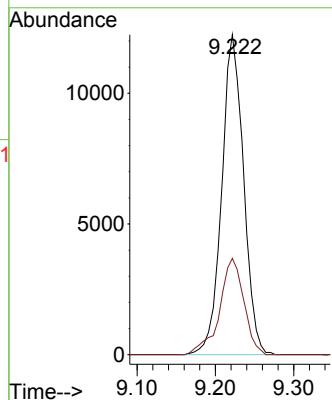
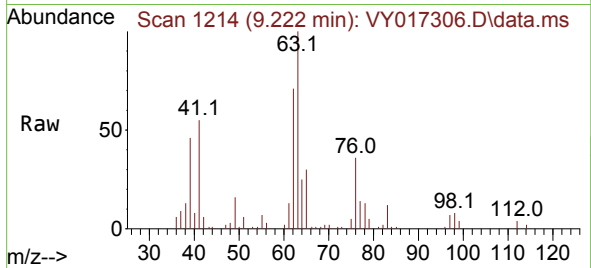




#45
1,2-Dichloropropane
Concen: 20.983 ug/l
RT: 9.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017306.D
Acq: 08 Feb 2024 12:37

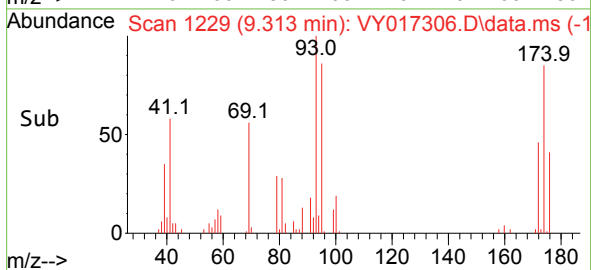
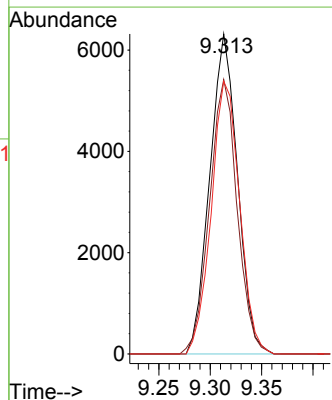
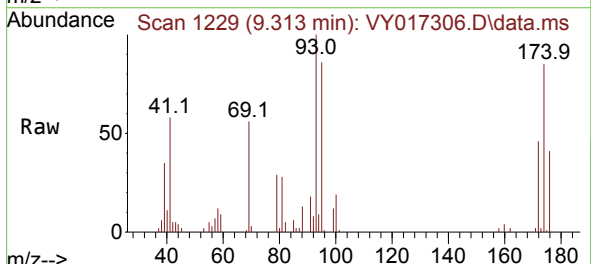
Instrument :
MSVOA_Y
ClientSampleId :

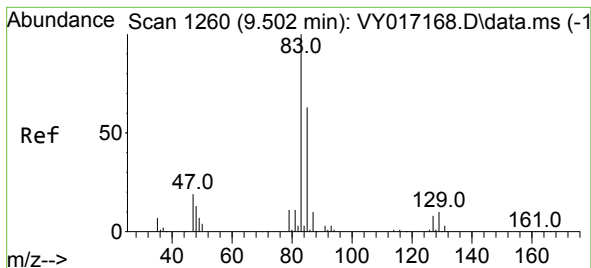
Tgt Ion: 63 Resp: 23718
Ion Ratio Lower Upper
63 100
65 30.1 24.6 36.8



#46
Dibromomethane
Concen: 19.406 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VY017306.D
Acq: 08 Feb 2024 12:37

Tgt Ion: 93 Resp: 11849
Ion Ratio Lower Upper
93 100
95 85.5 66.6 99.8
174 86.8 73.8 110.6





#47

Bromodichloromethane

Concen: 20.994 ug/l

RT: 9.502 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VY017306.D

Acq: 08 Feb 2024 12:37

Instrument :

MSVOA_Y

ClientSampleId :

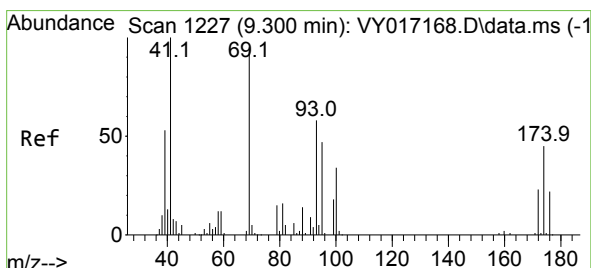
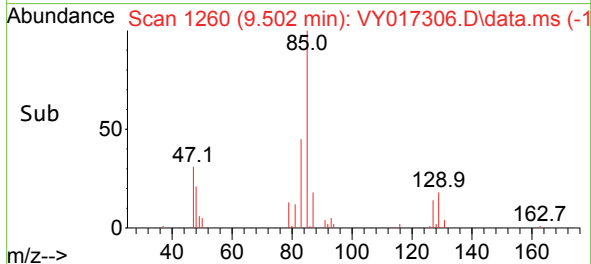
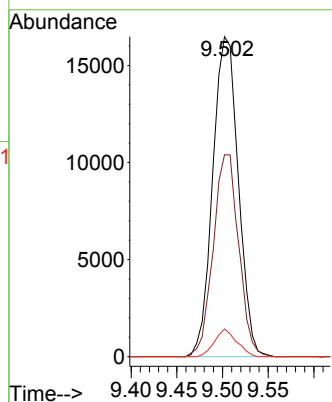
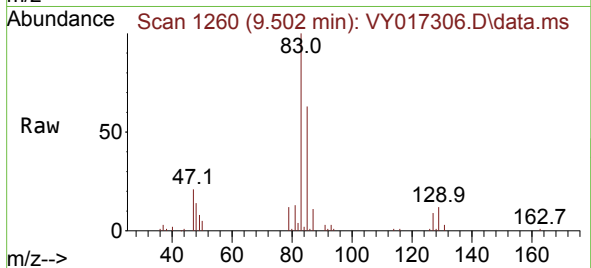
Tgt Ion: 83 Resp: 32081

Ion Ratio Lower Upper

83 100

85 63.1 53.2 79.8

127 8.7 6.4 9.6



#48

Methyl methacrylate

Concen: 20.227 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY017306.D

Acq: 08 Feb 2024 12:37

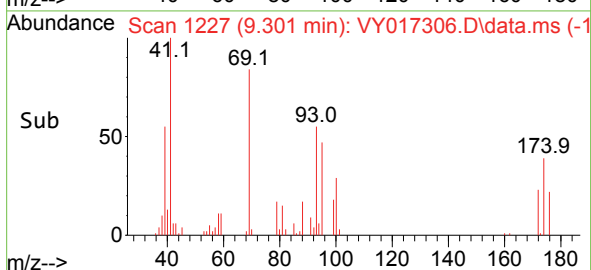
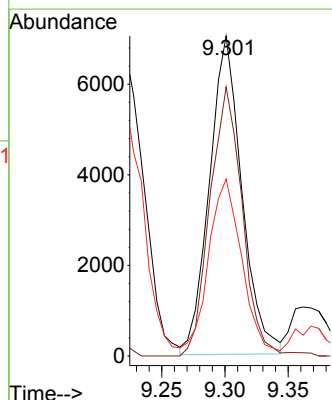
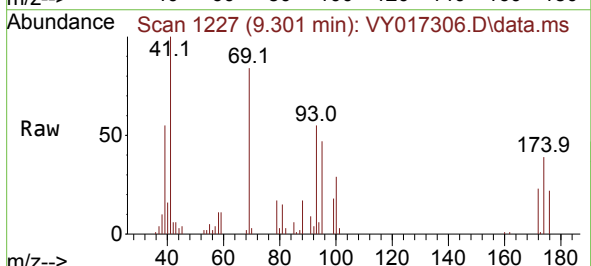
Tgt Ion: 41 Resp: 12553

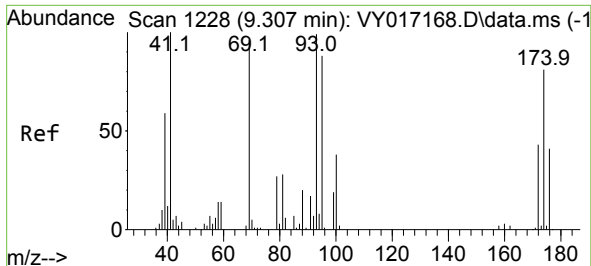
Ion Ratio Lower Upper

41 100

69 84.1 72.1 108.1

39 53.8 42.8 64.2





#49

1,4-Dioxane

Concen: 393.923 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY017306.D

Acq: 08 Feb 2024 12:37

Instrument :

MSVOA_Y

ClientSampleId :

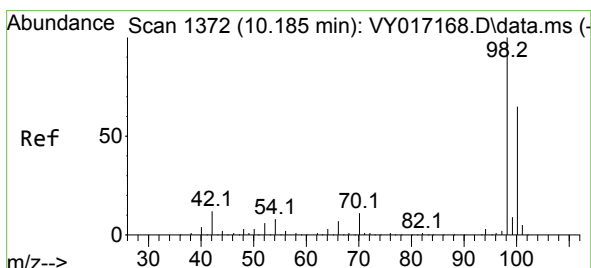
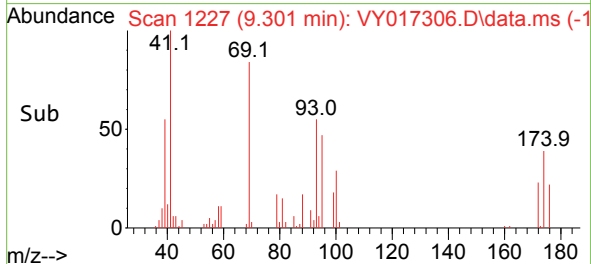
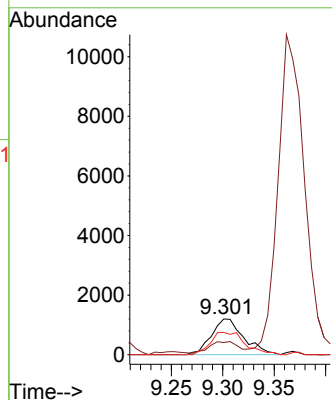
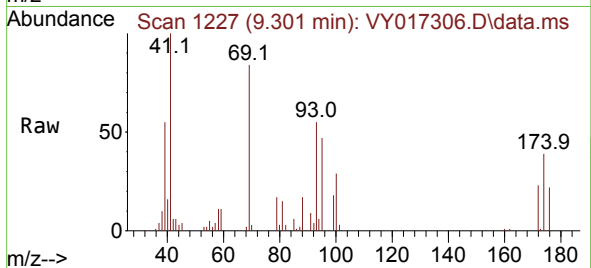
Tgt Ion: 88 Resp: 2618

Ion Ratio Lower Upper

88 100

43 28.3 28.2 42.4

58 67.5 52.2 78.2



#50

Toluene-d8

Concen: 51.633 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY017306.D

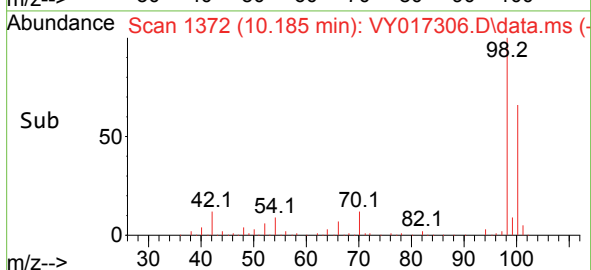
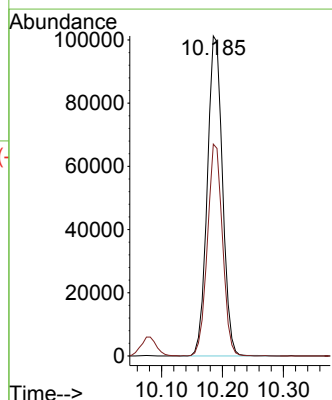
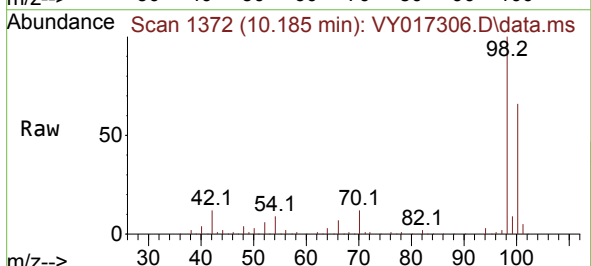
Acq: 08 Feb 2024 12:37

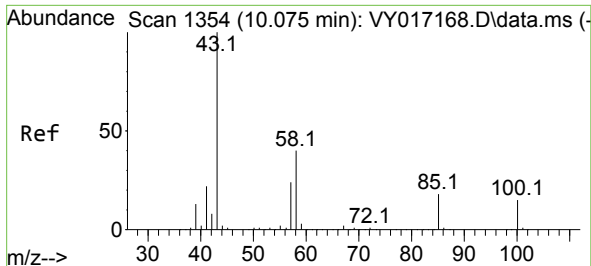
Tgt Ion: 98 Resp: 175625

Ion Ratio Lower Upper

98 100

100 65.8 52.3 78.5

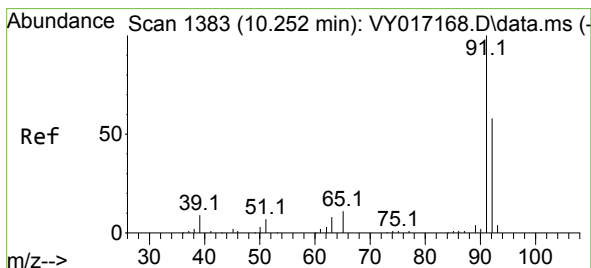
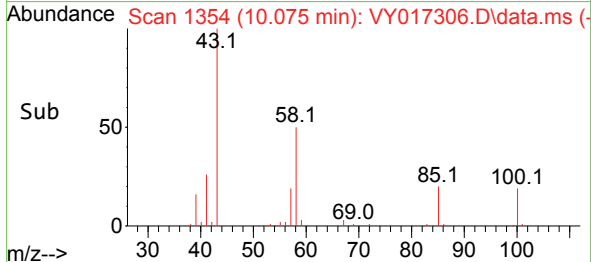
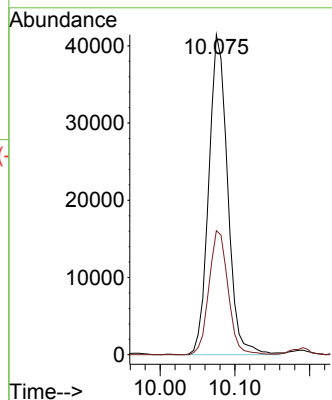
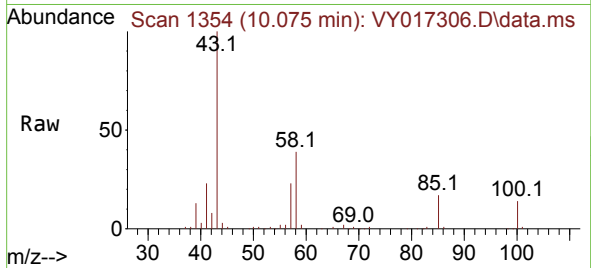




#51
4-Methyl-2-Pentanone
Concen: 102.406 ug/l
RT: 10.075 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017306.D
Acq: 08 Feb 2024 12:37

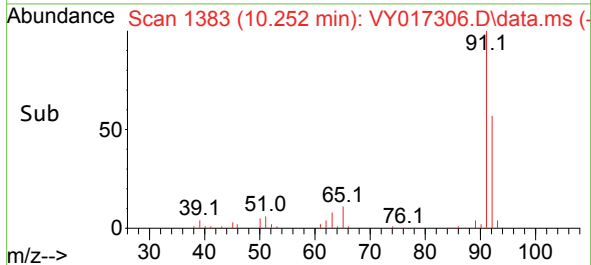
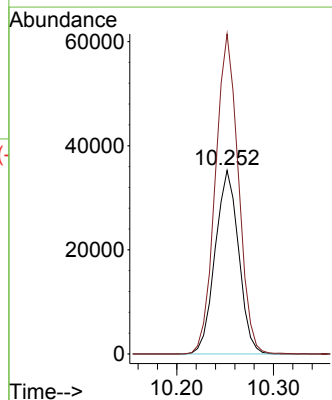
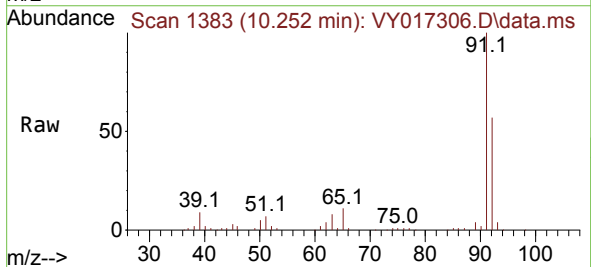
Instrument :
MSVOA_Y
ClientSampleId :

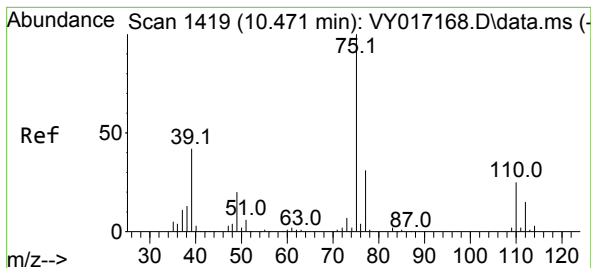
Tgt Ion: 43 Resp: 72630
Ion Ratio Lower Upper
43 100
58 39.3 32.2 48.2



#52
Toluene
Concen: 21.404 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VY017306.D
Acq: 08 Feb 2024 12:37

Tgt Ion: 92 Resp: 59454
Ion Ratio Lower Upper
92 100
91 170.9 137.6 206.4

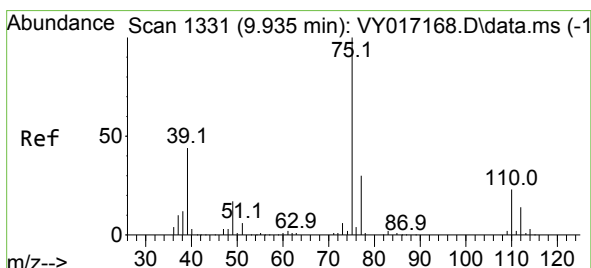
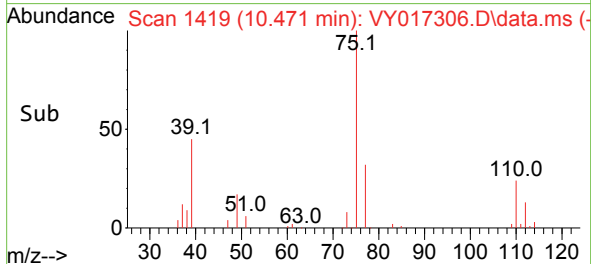
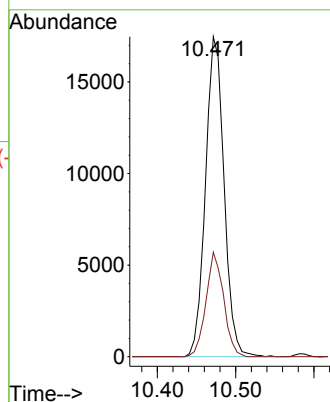
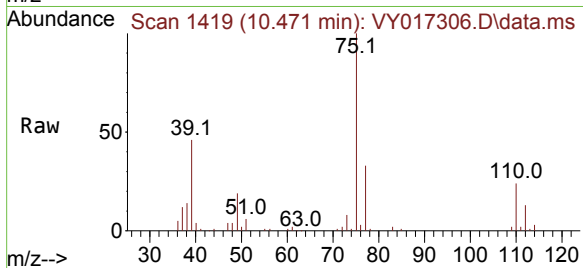




#53
 t-1,3-Dichloropropene
 Concen: 20.030 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: VY017306.D
 Acq: 08 Feb 2024 12:37

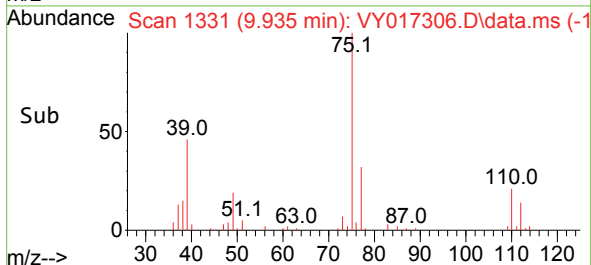
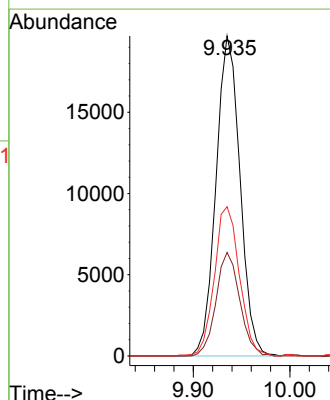
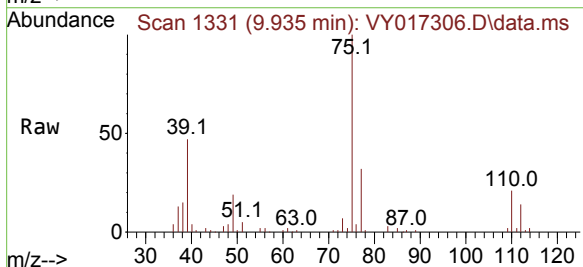
Instrument :
 MSVOA_Y
 ClientSampleId :

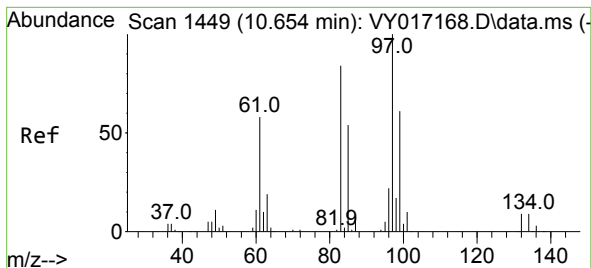
Tgt Ion: 75 Resp: 28750
 Ion Ratio Lower Upper
 75 100
 77 32.7 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 19.728 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.000 min
 Lab File: VY017306.D
 Acq: 08 Feb 2024 12:37

Tgt Ion: 75 Resp: 33916
 Ion Ratio Lower Upper
 75 100
 77 32.4 24.6 36.8
 39 46.7 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 20.179 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. 0.000 min

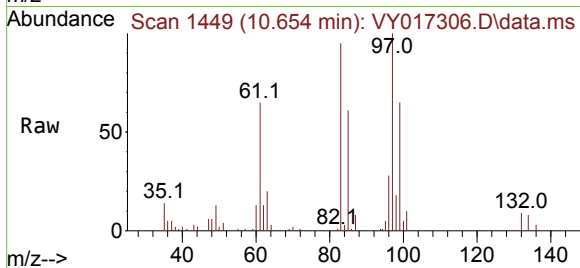
Lab File: VY017306.D

Acq: 08 Feb 2024 12:37

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 16764

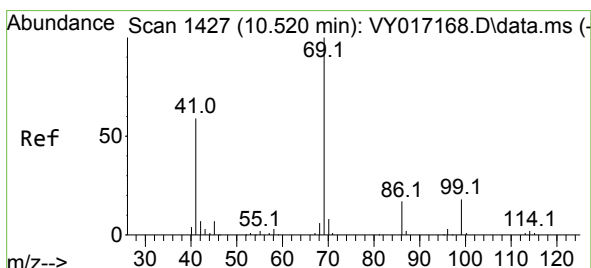
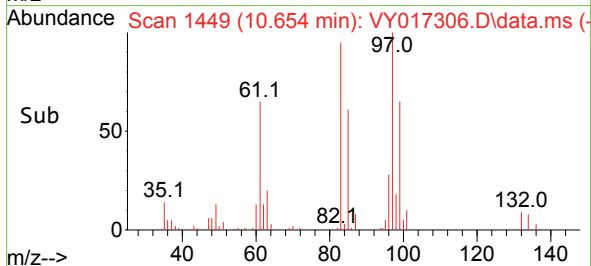
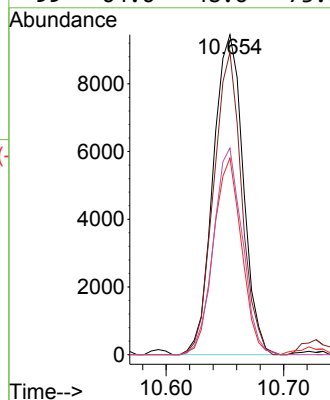
Ion Ratio Lower Upper

97 100

83 94.5 69.4 104.2

85 61.4 43.9 65.9

99 64.6 48.6 73.0



#56

Ethyl methacrylate

Concen: 19.320 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VY017306.D

Acq: 08 Feb 2024 12:37

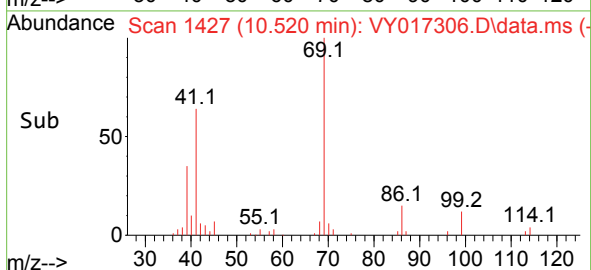
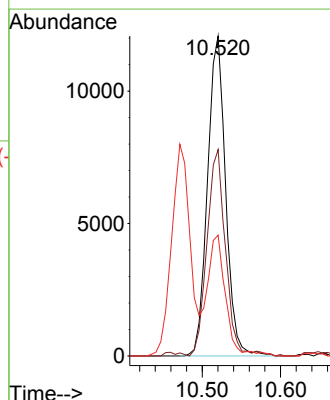
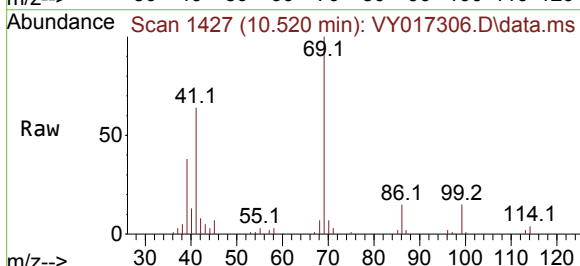
Tgt Ion: 69 Resp: 19402

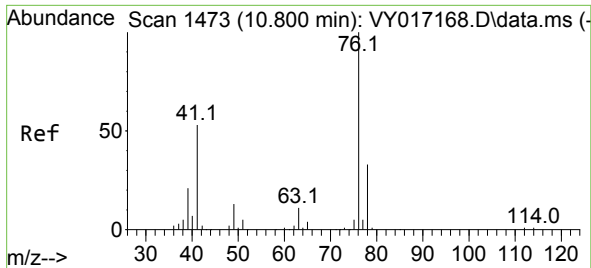
Ion Ratio Lower Upper

69 100

41 66.1 49.2 73.8

39 38.0 26.8 40.2

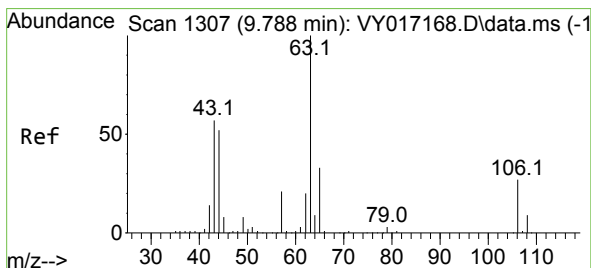
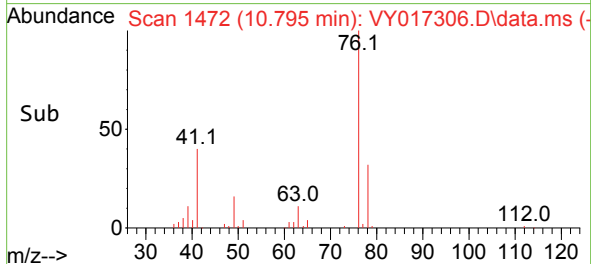
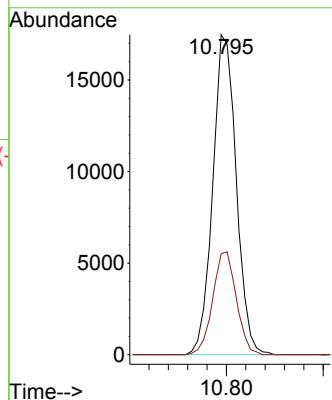
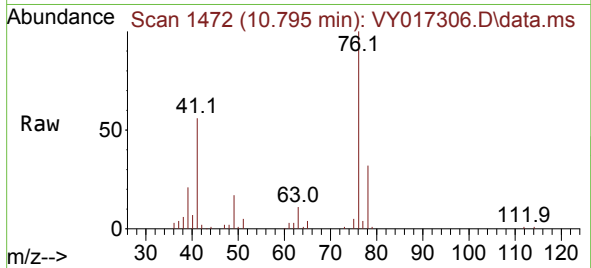




#57
1,3-Dichloropropane
Concen: 20.615 ug/l
RT: 10.795 min Scan# 1473
Delta R.T. -0.006 min
Lab File: VY017306.D
Acq: 08 Feb 2024 12:37

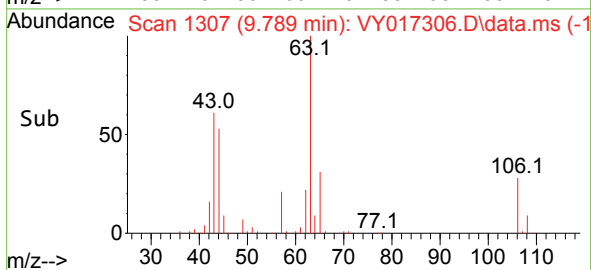
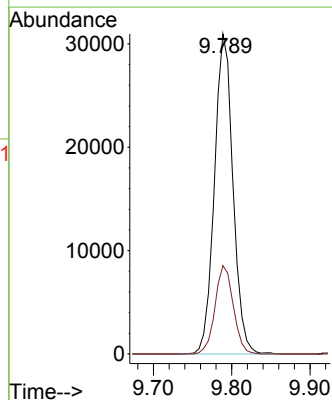
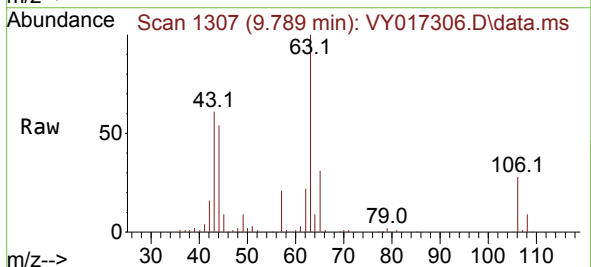
Instrument :
MSVOA_Y
ClientSampleId :

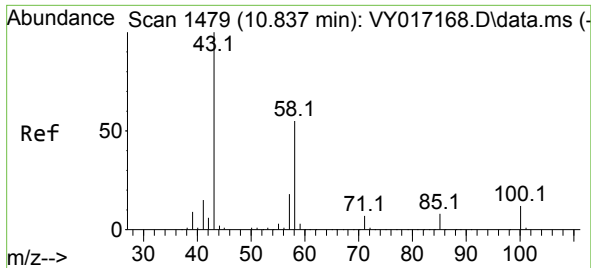
Tgt Ion: 76 Resp: 29456
Ion Ratio Lower Upper
76 100
78 32.3 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 98.347 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY017306.D
Acq: 08 Feb 2024 12:37

Tgt Ion: 63 Resp: 50899
Ion Ratio Lower Upper
63 100
106 27.2 22.4 33.6

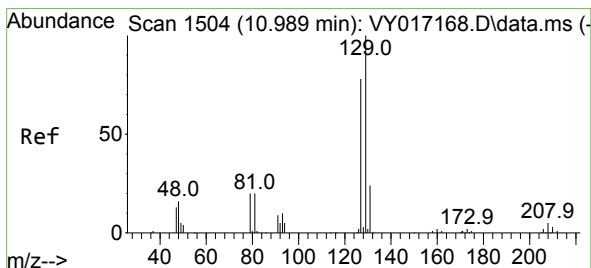
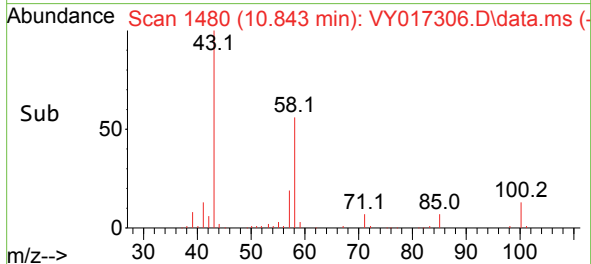
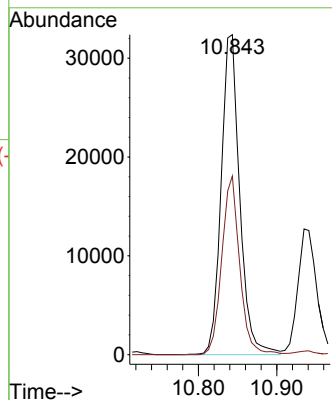
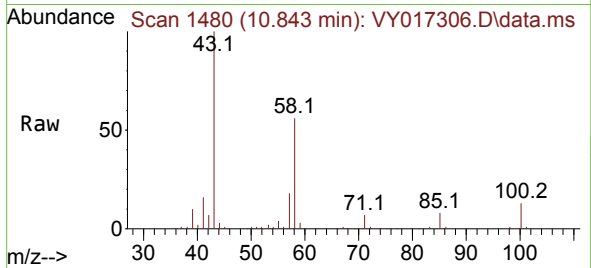




#59
2-Hexanone
Concen: 104.151 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.007 min
Lab File: VY017306.D
Acq: 08 Feb 2024 12:37

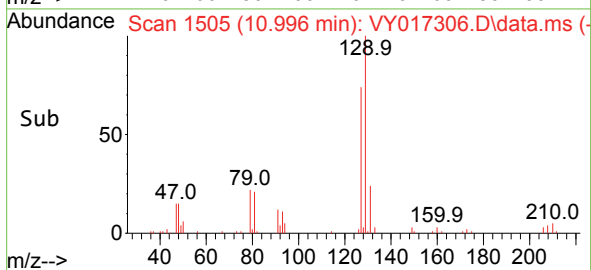
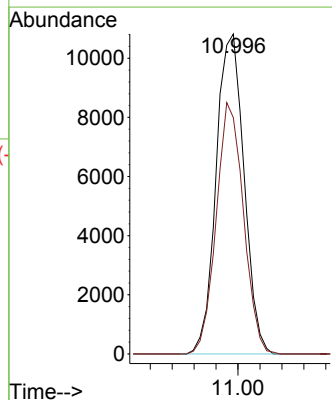
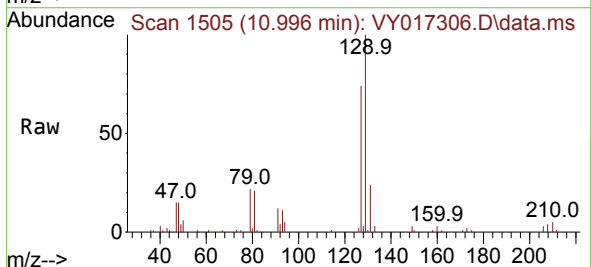
Instrument :
MSVOA_Y
ClientSampleId :

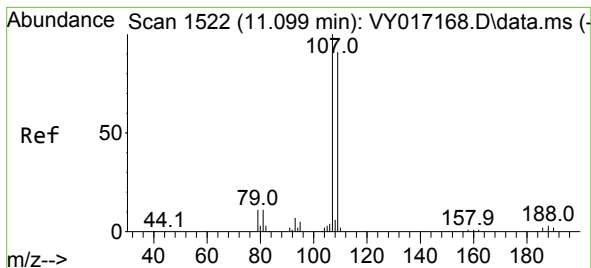
Tgt Ion: 43 Resp: 53414
Ion Ratio Lower Upper
43 100
58 54.0 28.1 84.3



#60
Dibromochloromethane
Concen: 19.612 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.007 min
Lab File: VY017306.D
Acq: 08 Feb 2024 12:37

Tgt Ion:129 Resp: 19114
Ion Ratio Lower Upper
129 100
127 76.8 39.2 117.6

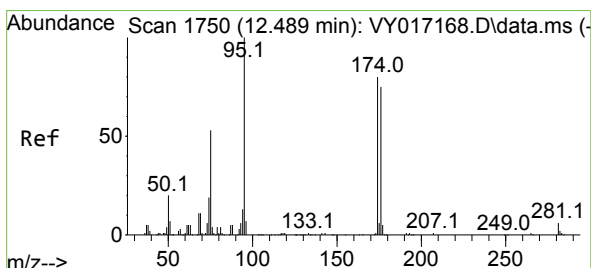
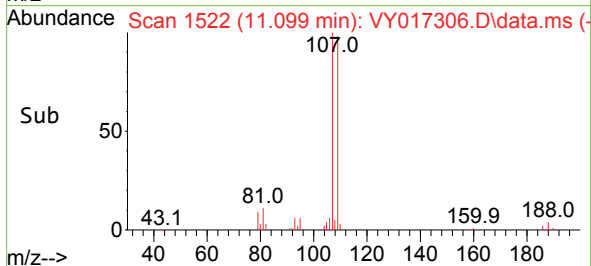
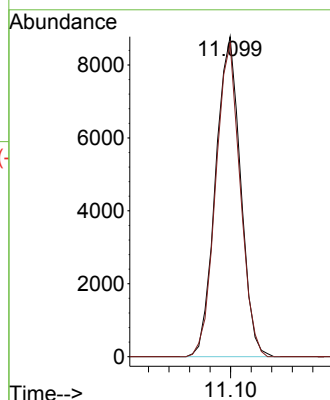
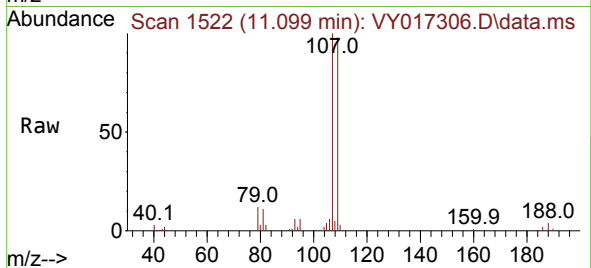




#61
1,2-Dibromoethane
Concen: 19.114 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VY017306.D
Acq: 08 Feb 2024 12:37

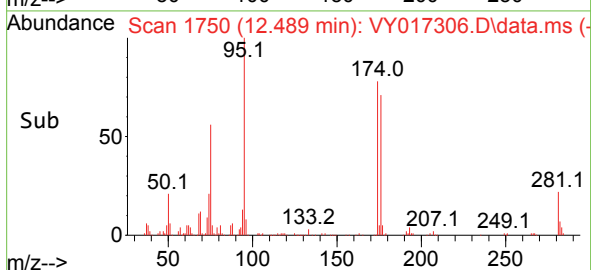
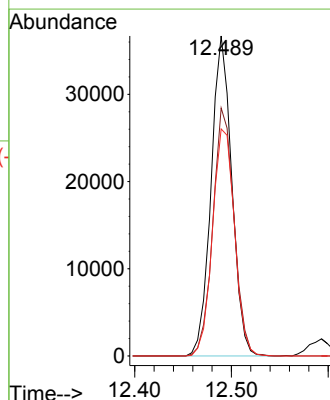
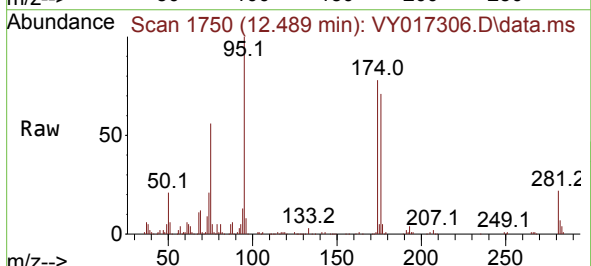
Instrument :
MSVOA_Y
ClientSampleId :

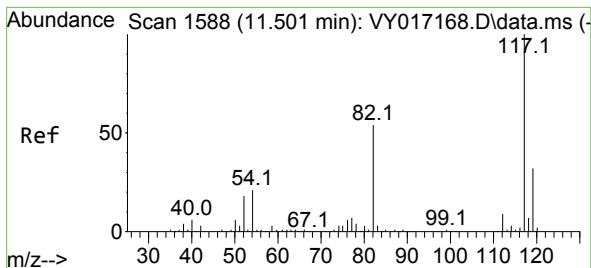
Tgt Ion:107 Resp: 14768
Ion Ratio Lower Upper
107 100
109 95.8 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 48.901 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017306.D
Acq: 08 Feb 2024 12:37

Tgt Ion: 95 Resp: 54488
Ion Ratio Lower Upper
95 100
174 79.0 0.0 160.0
176 75.7 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017306.D

Acq: 08 Feb 2024 12:37

Instrument :

MSVOA_Y

ClientSampleId :

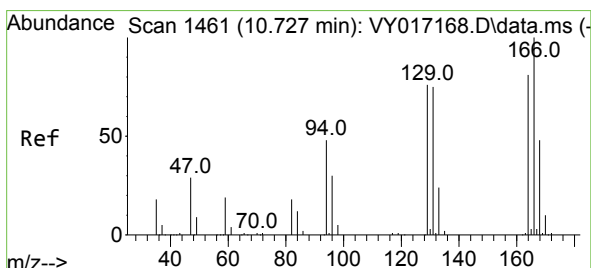
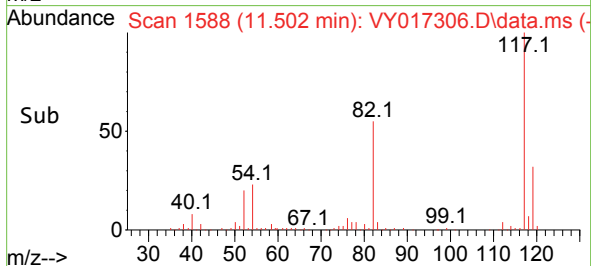
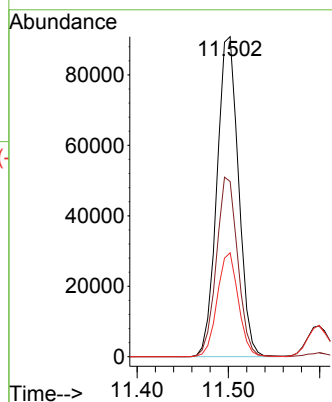
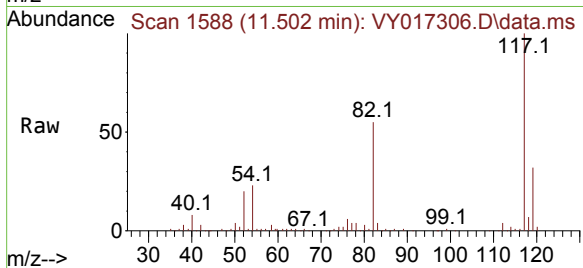
Tgt Ion:117 Resp: 149114

Ion Ratio Lower Upper

117 100

82 54.7 43.8 65.8

119 32.4 26.5 39.7



#64

Tetrachloroethene

Concen: 20.191 ug/l

RT: 10.728 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VY017306.D

Acq: 08 Feb 2024 12:37

Tgt Ion:164 Resp: 19553

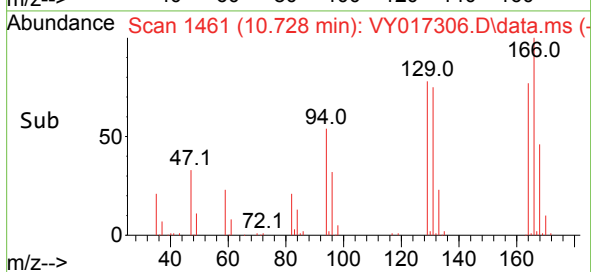
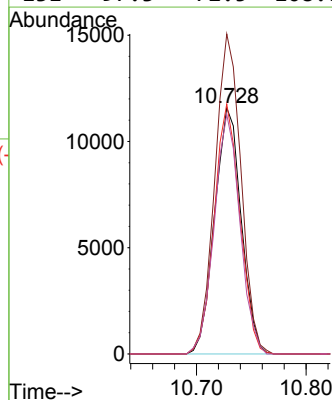
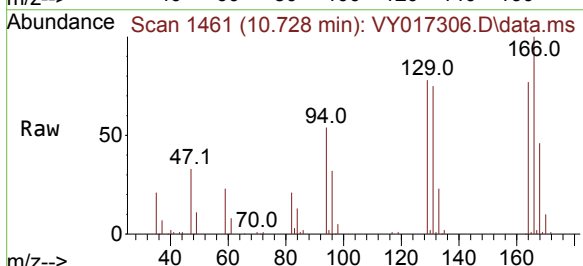
Ion Ratio Lower Upper

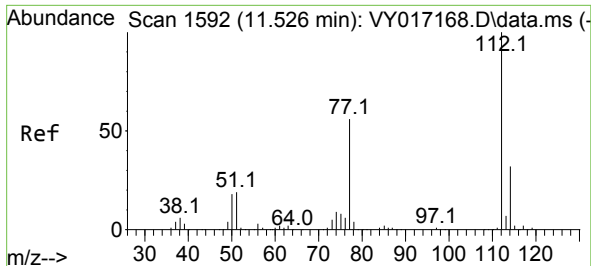
164 100

166 130.0 98.8 148.2

129 101.5 78.9 118.3

131 97.3 72.5 108.7

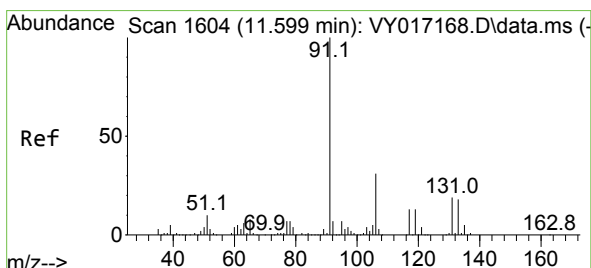
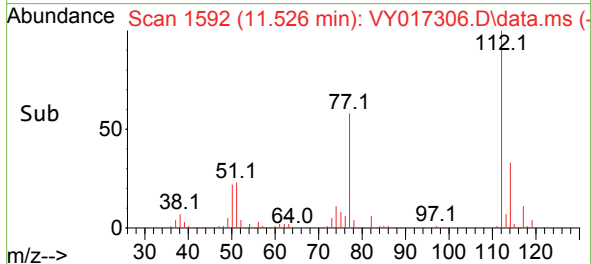
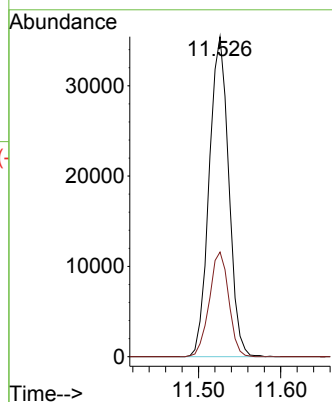
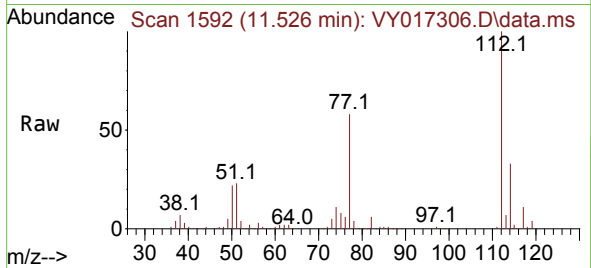




#65
Chlorobenzene
Concen: 20.355 ug/l
RT: 11.526 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017306.D
Acq: 08 Feb 2024 12:37

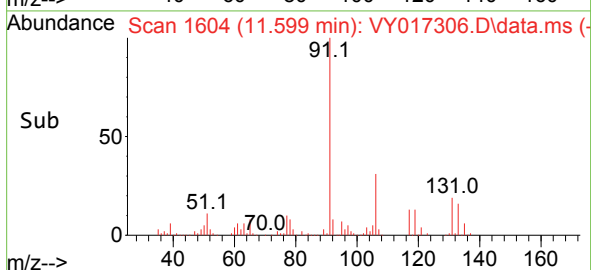
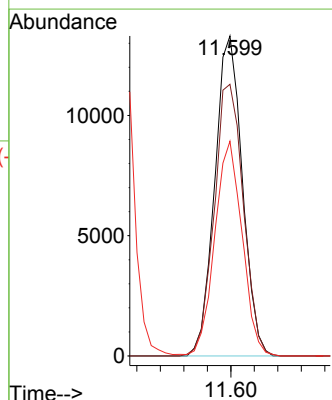
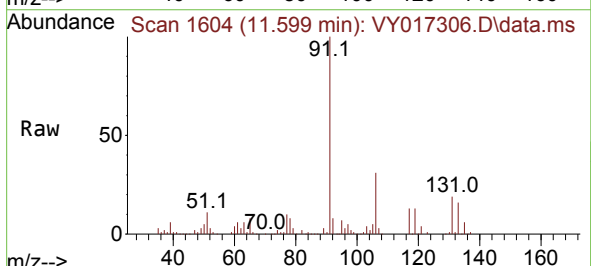
Instrument :
MSVOA_Y
ClientSampleId :

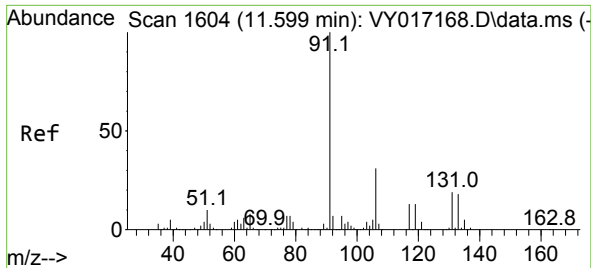
Tgt Ion:112 Resp: 58551
Ion Ratio Lower Upper
112 100
114 32.7 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 20.750 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017306.D
Acq: 08 Feb 2024 12:37

Tgt Ion:131 Resp: 21691
Ion Ratio Lower Upper
131 100
133 90.0 47.0 141.0
119 67.0 33.3 99.9

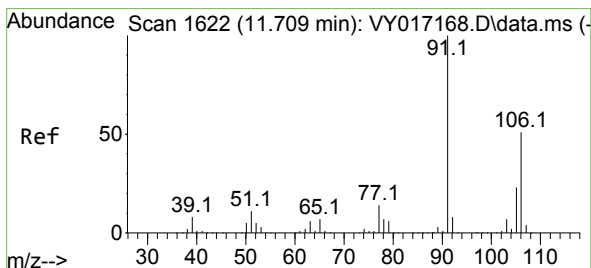
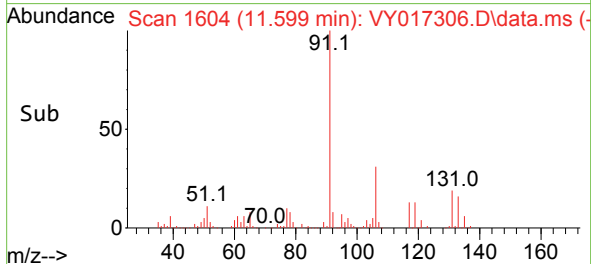
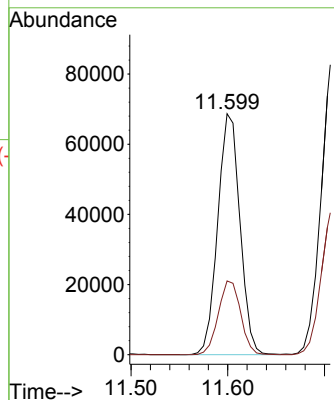
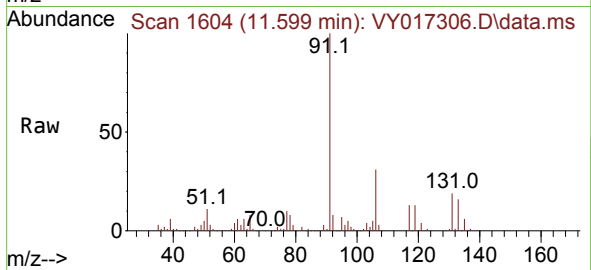




#67
Ethyl Benzene
Concen: 21.046 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017306.D
Acq: 08 Feb 2024 12:37

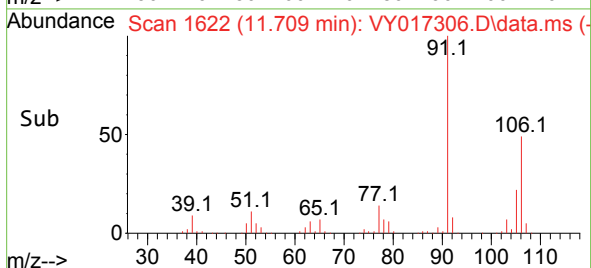
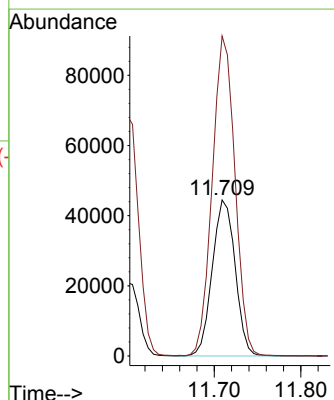
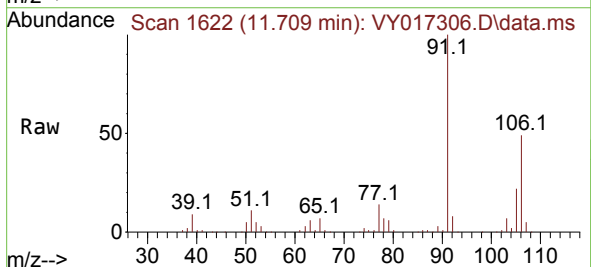
Instrument :
MSVOA_Y
ClientSampleId :

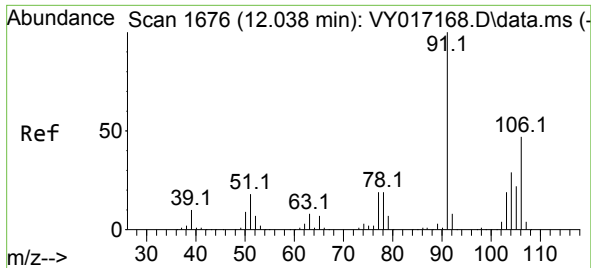
Tgt Ion: 91 Resp: 109412
Ion Ratio Lower Upper
91 100
106 30.6 25.0 37.4



#68
m/p-Xylenes
Concen: 41.400 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.000 min
Lab File: VY017306.D
Acq: 08 Feb 2024 12:37

Tgt Ion: 106 Resp: 81678
Ion Ratio Lower Upper
106 100
91 203.5 160.7 241.1

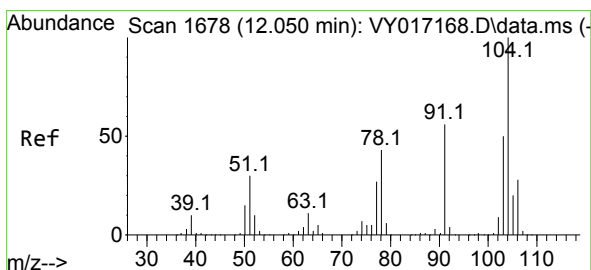
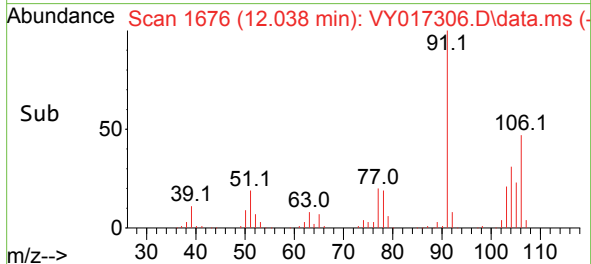
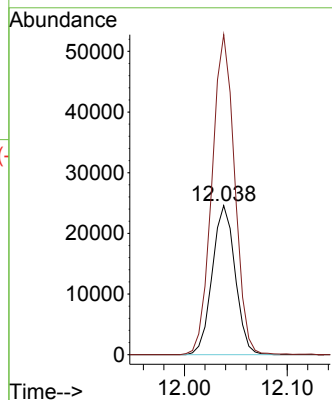
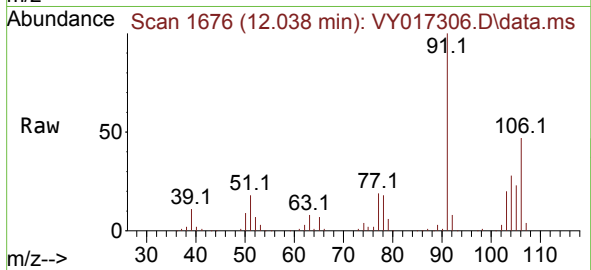




#69
o-Xylene
Concen: 20.867 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY017306.D
Acq: 08 Feb 2024 12:37

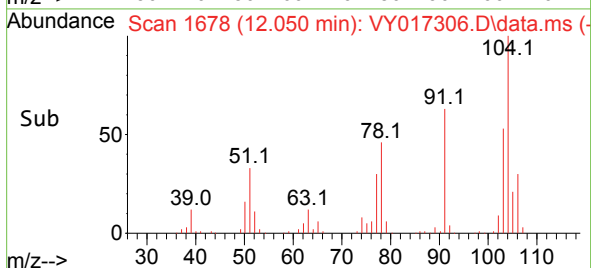
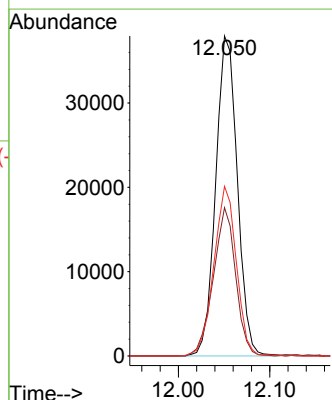
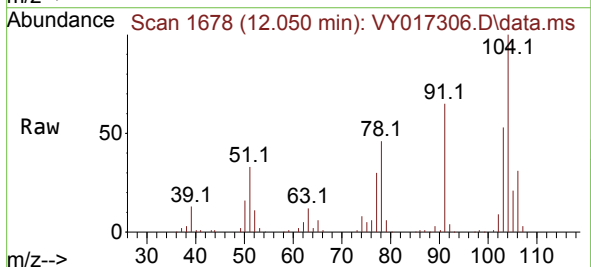
Instrument :
MSVOA_Y
ClientSampleId :

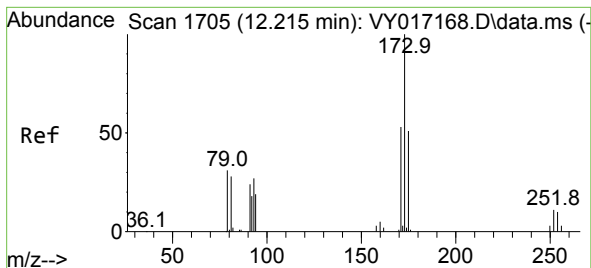
Tgt Ion:106 Resp: 37912
Ion Ratio Lower Upper
106 100
91 214.0 106.5 319.5



#70
Styrene
Concen: 20.862 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY017306.D
Acq: 08 Feb 2024 12:37

Tgt Ion:104 Resp: 62449
Ion Ratio Lower Upper
104 100
78 48.0 39.2 58.8
103 55.1 43.8 65.6





#71

Bromoform

Concen: 18.652 ug/l

RT: 12.215 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017306.D

Acq: 08 Feb 2024 12:37

Instrument :

MSVOA_Y

ClientSampleId :

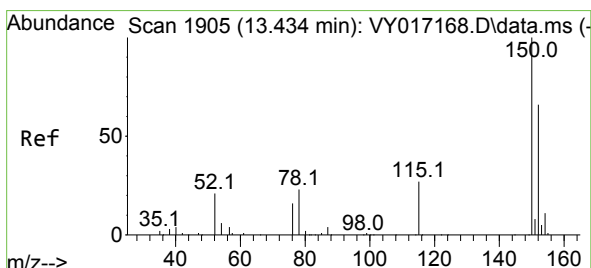
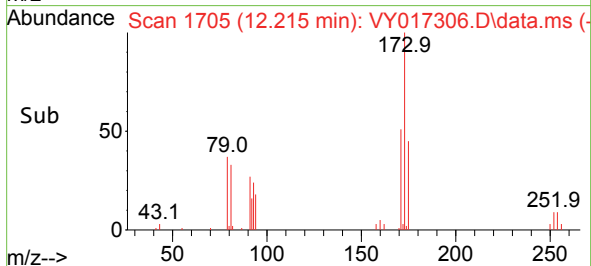
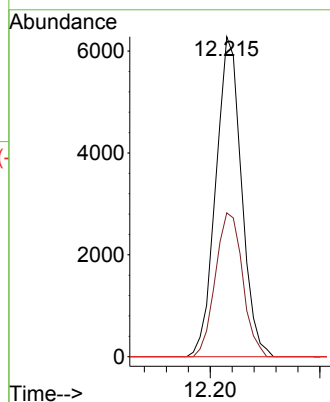
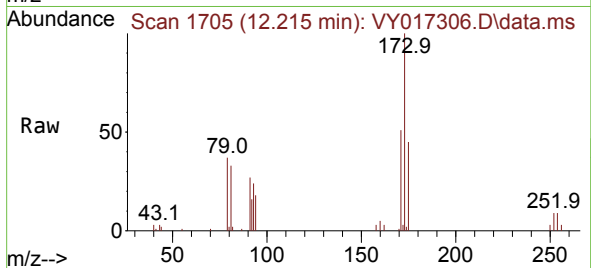
Tgt Ion:173 Resp: 10211

Ion Ratio Lower Upper

173 100

175 47.6 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017306.D

Acq: 08 Feb 2024 12:37

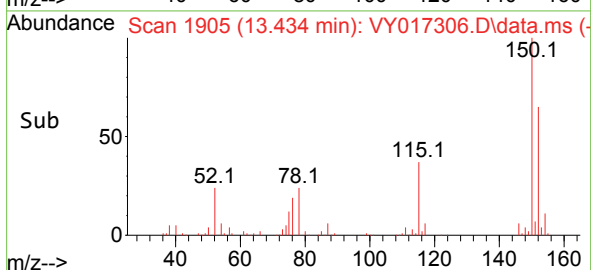
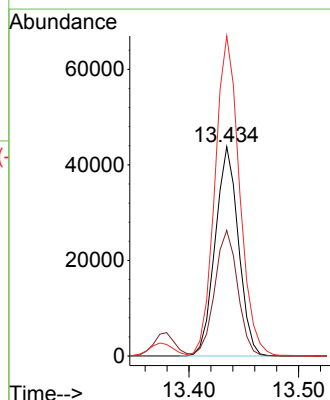
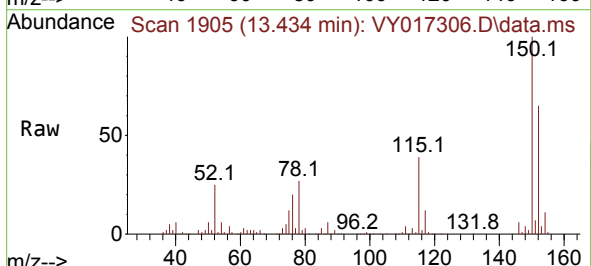
Tgt Ion:152 Resp: 64330

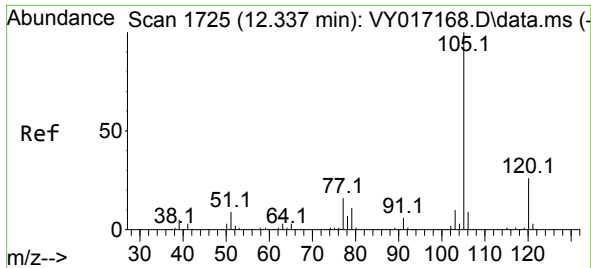
Ion Ratio Lower Upper

152 100

115 59.5 30.0 90.0

150 162.2 0.0 344.6

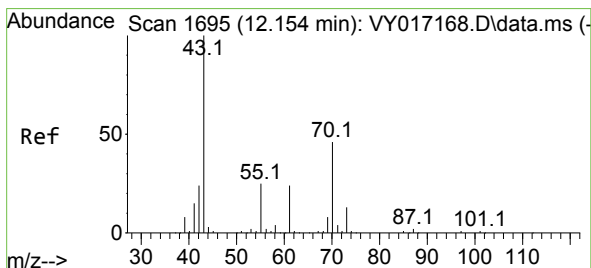
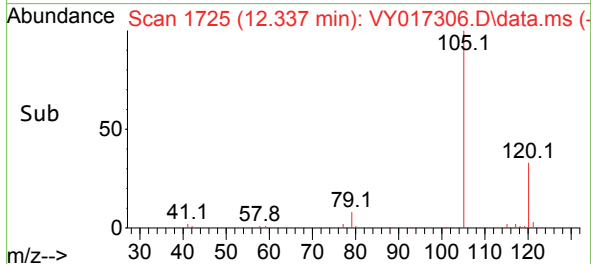
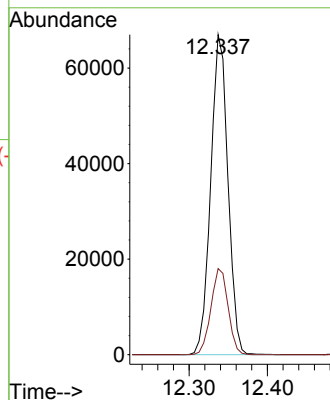
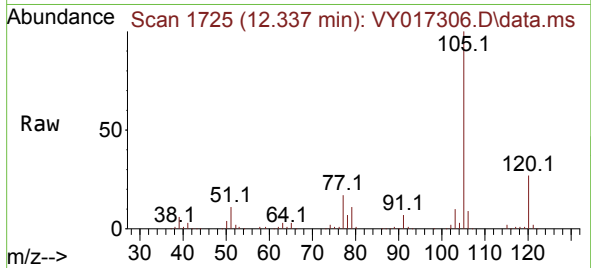




#73
Isopropylbenzene
Concen: 21.631 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.000 min
Lab File: VY017306.D
Acq: 08 Feb 2024 12:37

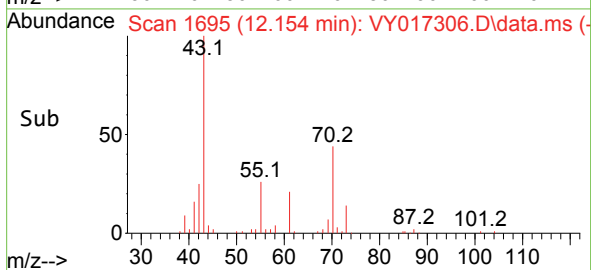
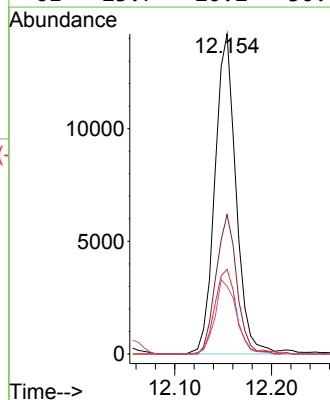
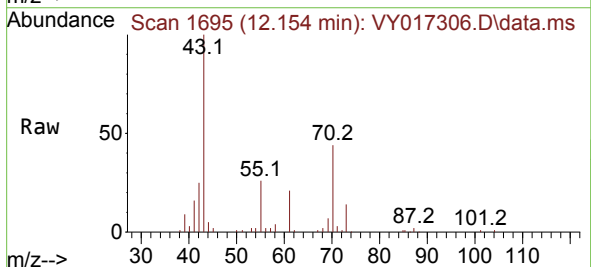
Instrument :
MSVOA_Y
ClientSampleId :

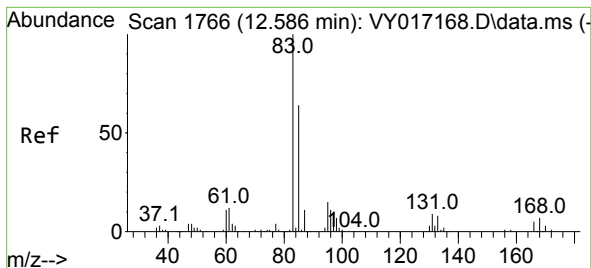
Tgt Ion:105 Resp: 102227
Ion Ratio Lower Upper
105 100
120 26.7 13.0 39.0



#74
N-ethyl acetate
Concen: 20.266 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VY017306.D
Acq: 08 Feb 2024 12:37

Tgt Ion: 43 Resp: 21520
Ion Ratio Lower Upper
43 100
70 42.9 36.6 55.0
55 27.6 22.2 33.4
61 23.7 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.367 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. 0.007 min

Lab File: VY017306.D

Acq: 08 Feb 2024 12:37

Instrument :

MSVOA_Y

ClientSampleId :

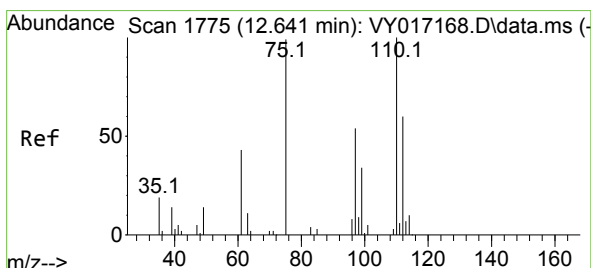
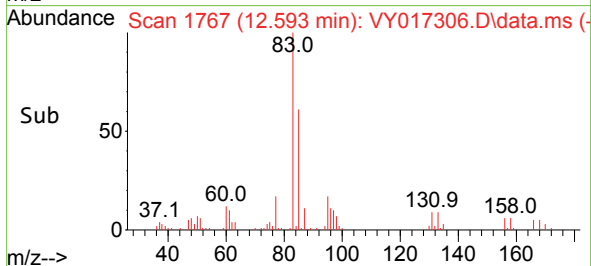
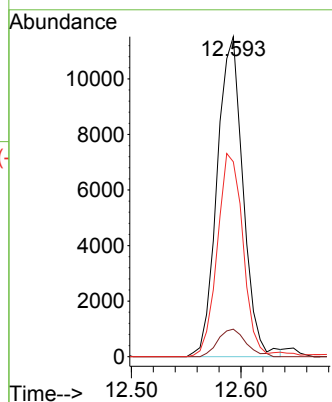
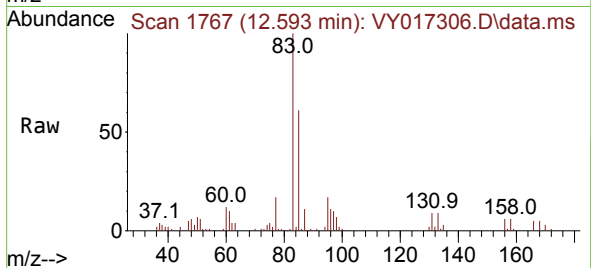
Tgt Ion: 83 Resp: 18931

Ion Ratio Lower Upper

83 100

131 9.3 4.9 14.6

85 62.8 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 37.830 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VY017306.D

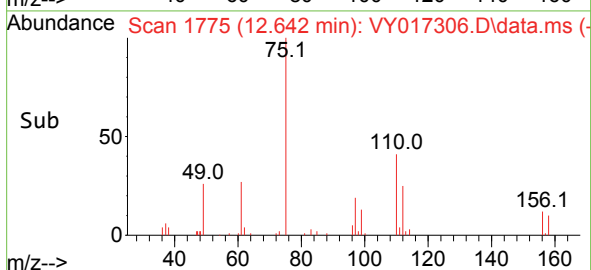
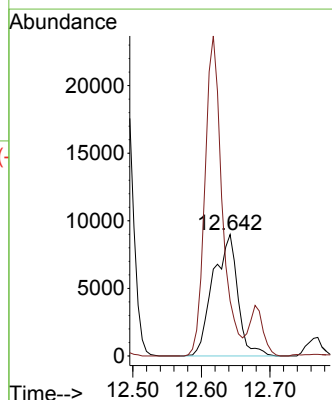
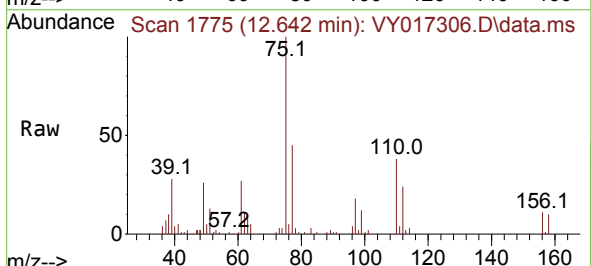
Acq: 08 Feb 2024 12:37

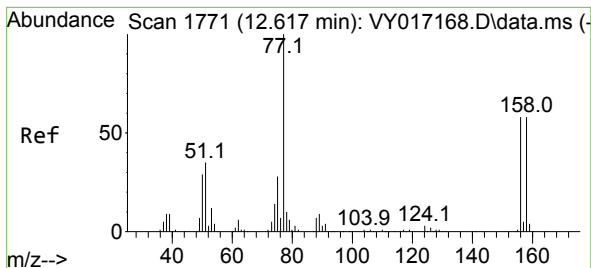
Tgt Ion: 75 Resp: 22462

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.785 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY017306.D

Acq: 08 Feb 2024 12:37

Instrument :

MSVOA_Y

ClientSampleId :

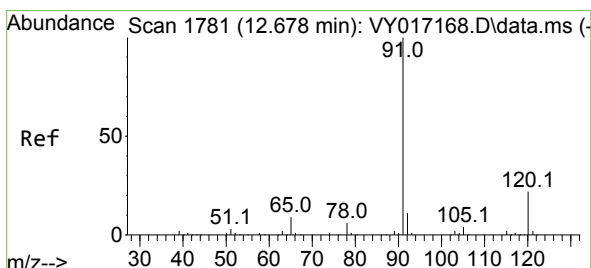
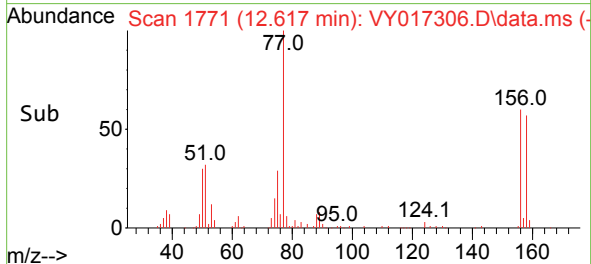
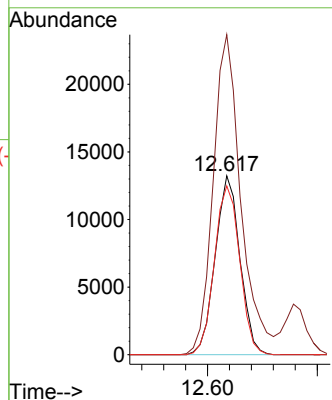
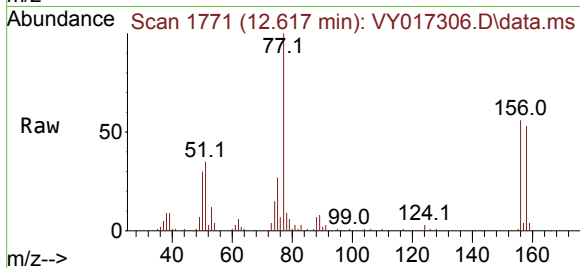
Tgt Ion:156 Resp: 20740

Ion Ratio Lower Upper

156 100

77 200.4 97.3 291.8

158 96.5 48.4 145.0



#78

n-propylbenzene

Concen: 22.013 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY017306.D

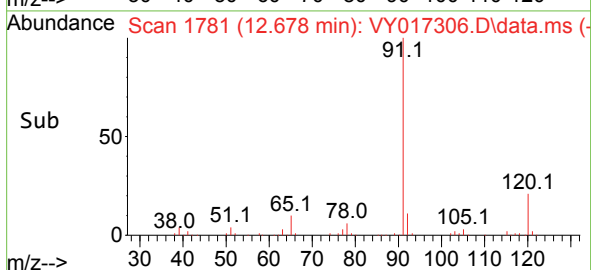
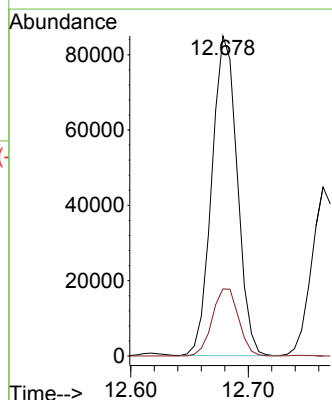
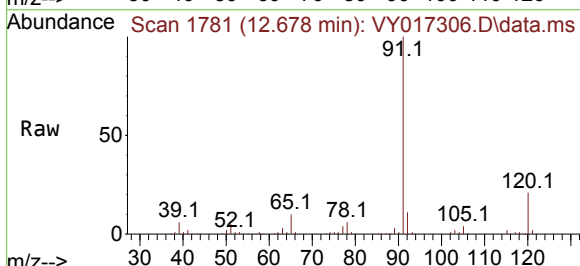
Acq: 08 Feb 2024 12:37

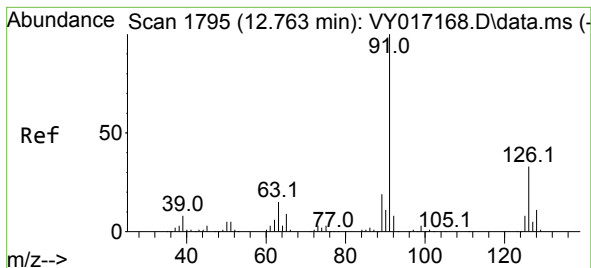
Tgt Ion: 91 Resp: 127772

Ion Ratio Lower Upper

91 100

120 21.7 11.0 33.0

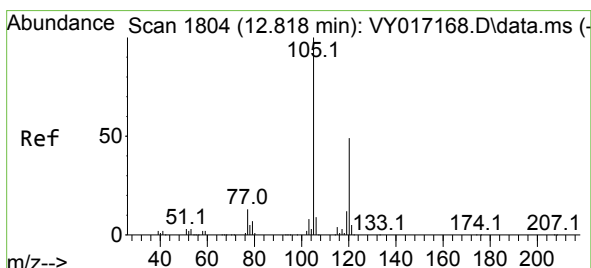
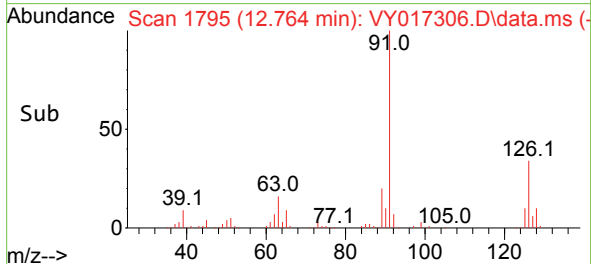
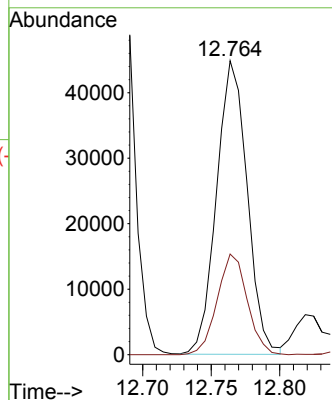
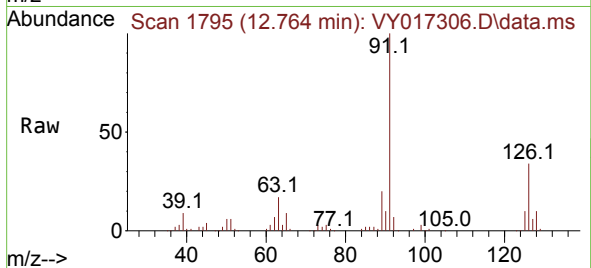




#79
2-Chlorotoluene
Concen: 21.866 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VY017306.D
Acq: 08 Feb 2024 12:37

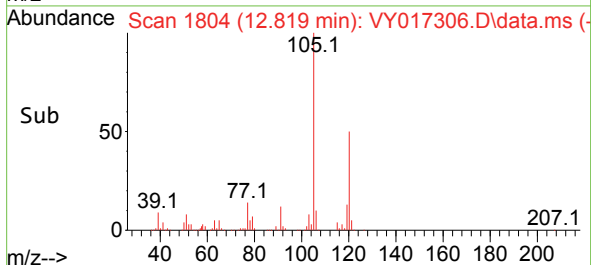
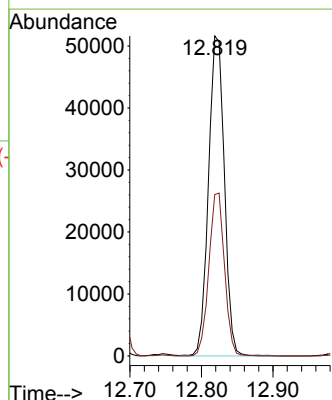
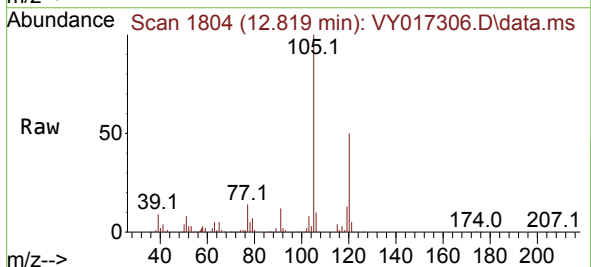
Instrument :
MSVOA_Y
ClientSampleId :

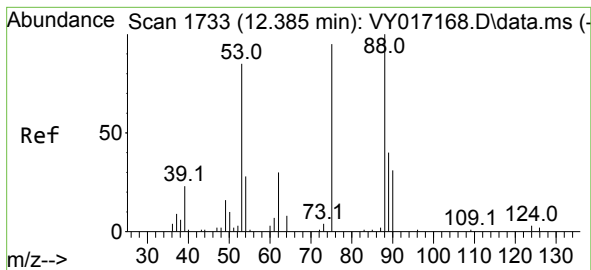
Tgt Ion: 91 Resp: 69775
Ion Ratio Lower Upper
91 100
126 33.6 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 21.192 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY017306.D
Acq: 08 Feb 2024 12:37

Tgt Ion: 105 Resp: 79651
Ion Ratio Lower Upper
105 100
120 50.2 24.3 72.8

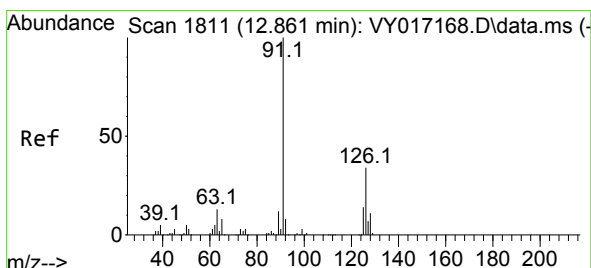
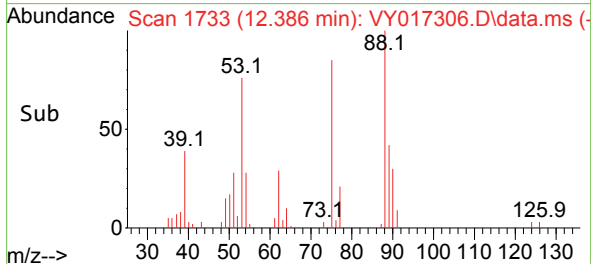
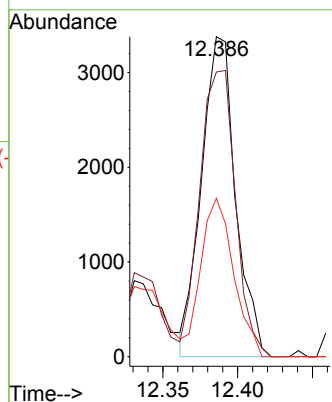
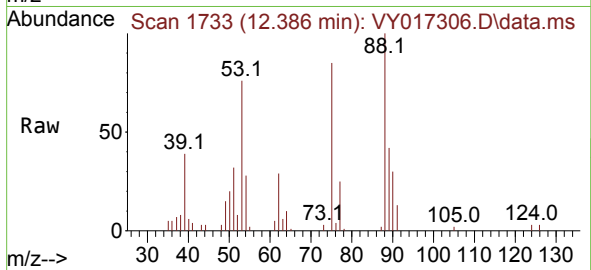




#81
trans-1,4-Dichloro-2-butene
Concen: 18.813 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY017306.D
Acq: 08 Feb 2024 12:37

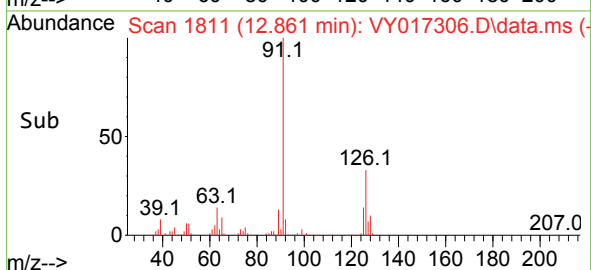
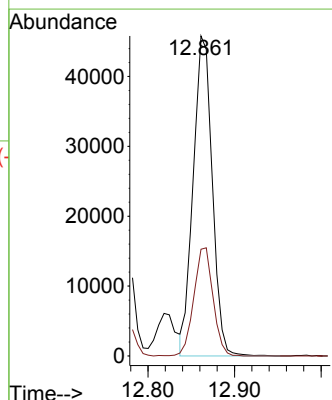
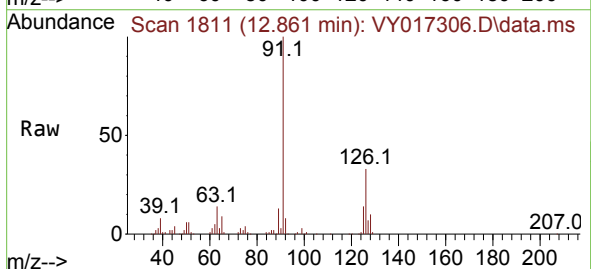
Instrument :
MSVOA_Y
ClientSampleId :

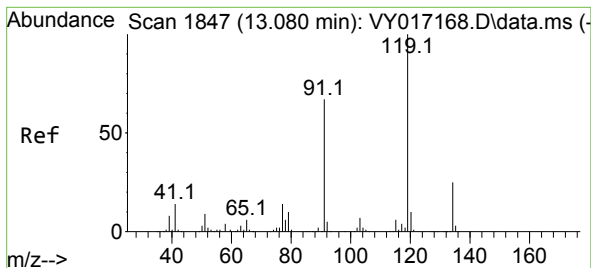
Tgt Ion: 75 Resp: 5376
Ion Ratio Lower Upper
75 100
53 93.4 74.0 111.0
89 47.7 36.5 54.7



#82
4-Chlorotoluene
Concen: 21.325 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY017306.D
Acq: 08 Feb 2024 12:37

Tgt Ion: 91 Resp: 70034
Ion Ratio Lower Upper
91 100
126 34.1 17.1 51.2





#83

tert-Butylbenzene

Concen: 22.341 ug/l

RT: 13.087 min Scan# 1847

Delta R.T. 0.007 min

Lab File: VY017306.D

Acq: 08 Feb 2024 12:37

Instrument :

MSVOA_Y

ClientSampleId :

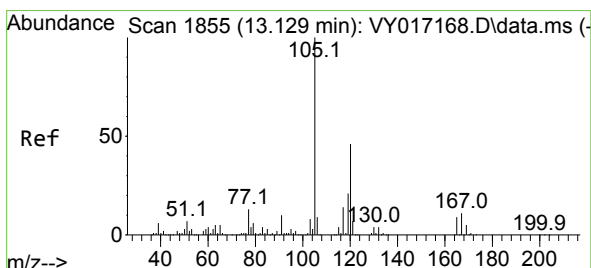
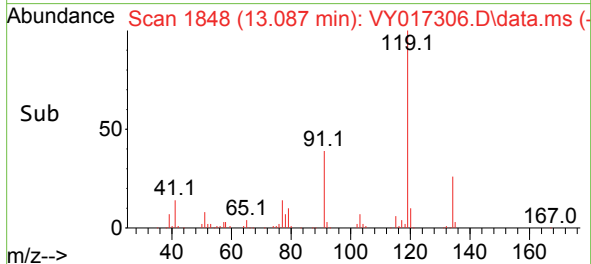
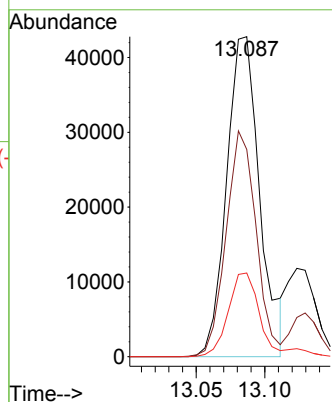
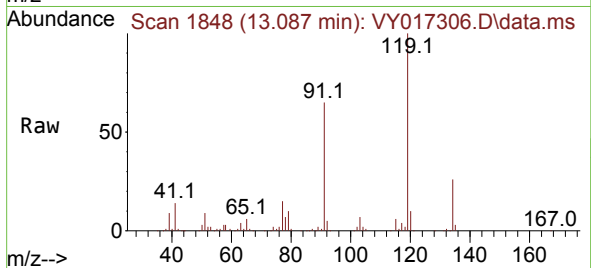
Tgt Ion:119 Resp: 71977

Ion Ratio Lower Upper

119 100

91 64.3 31.5 94.5

134 25.9 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 21.405 ug/l

RT: 13.130 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY017306.D

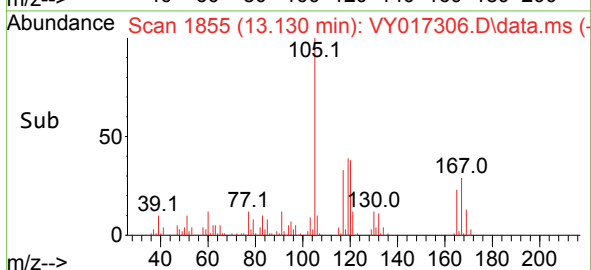
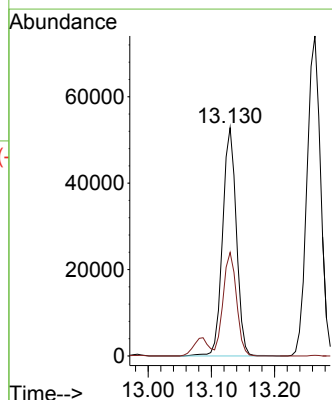
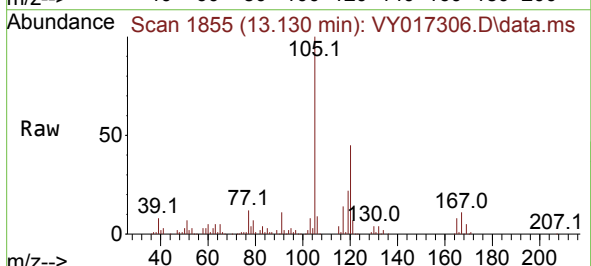
Acq: 08 Feb 2024 12:37

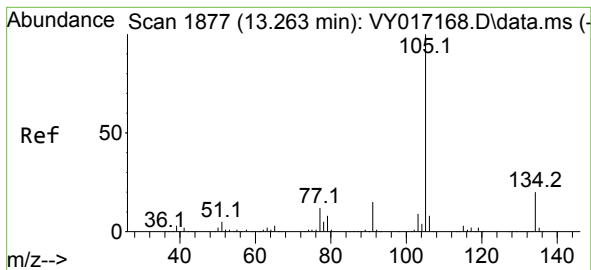
Tgt Ion:105 Resp: 79413

Ion Ratio Lower Upper

105 100

120 44.0 22.1 66.3





#85

sec-Butylbenzene

Concen: 21.920 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VY017306.D

Acq: 08 Feb 2024 12:37

Instrument :

MSVOA_Y

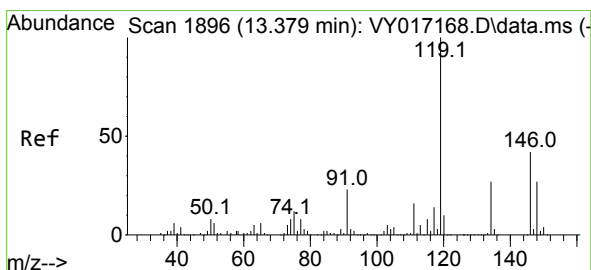
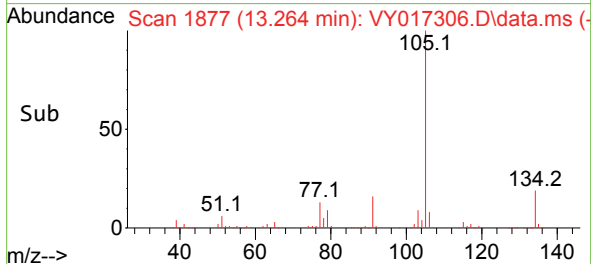
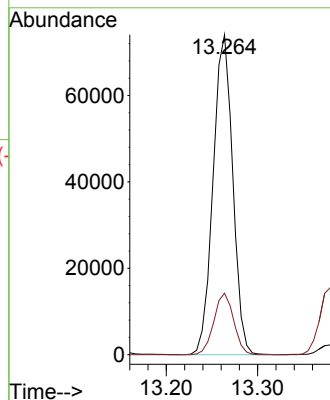
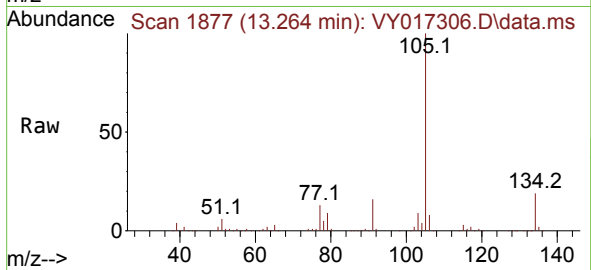
ClientSampleId :

Tgt Ion:105 Resp: 110379

Ion Ratio Lower Upper

105 100

134 19.3 9.7 28.9



#86

p-Isopropyltoluene

Concen: 21.384 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY017306.D

Acq: 08 Feb 2024 12:37

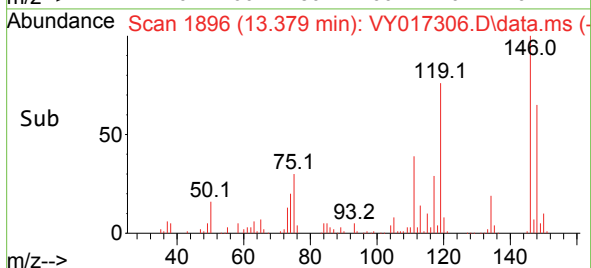
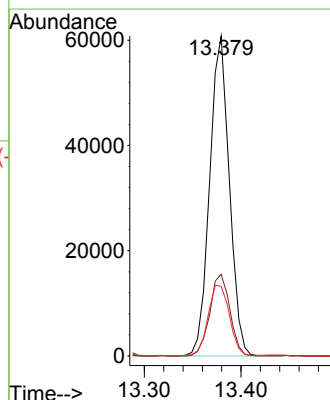
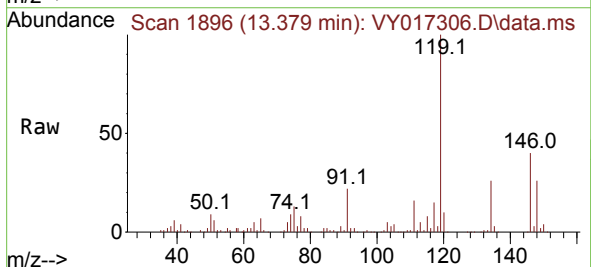
Tgt Ion:119 Resp: 86045

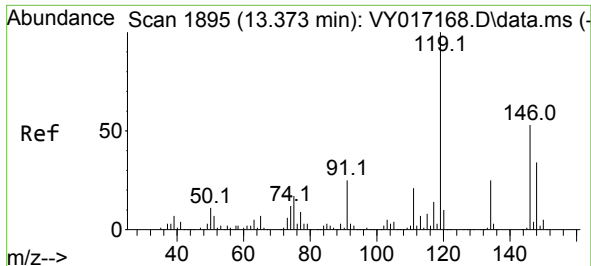
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

91 23.8 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 20.082 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017306.D

Acq: 08 Feb 2024 12:37

Instrument :

MSVOA_Y

ClientSampleId :

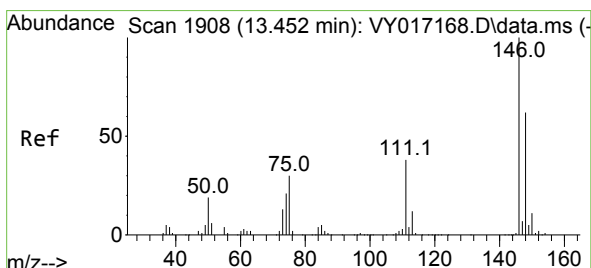
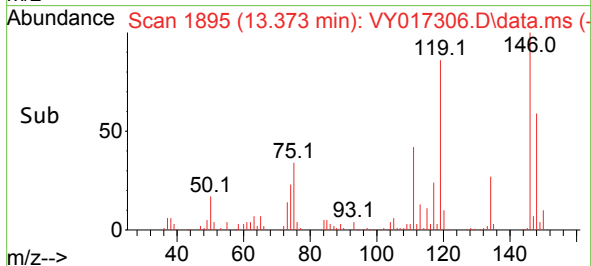
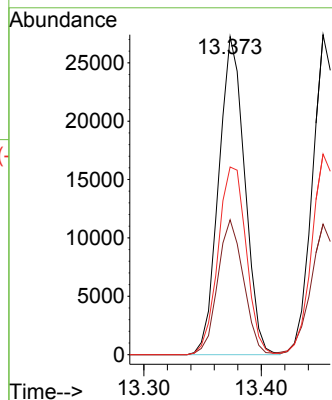
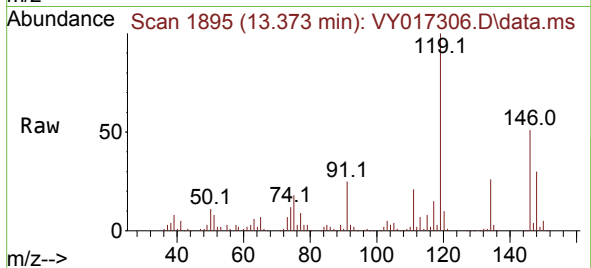
Tgt Ion:146 Resp: 41995

Ion Ratio Lower Upper

146 100

111 42.0 20.2 60.5

148 63.7 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 20.428 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY017306.D

Acq: 08 Feb 2024 12:37

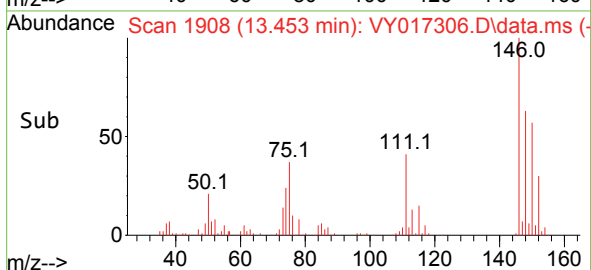
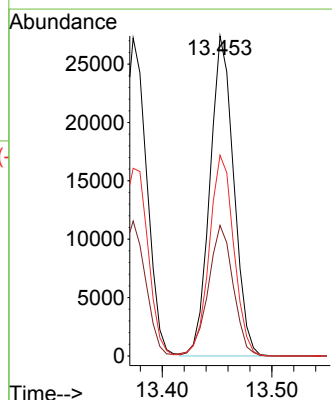
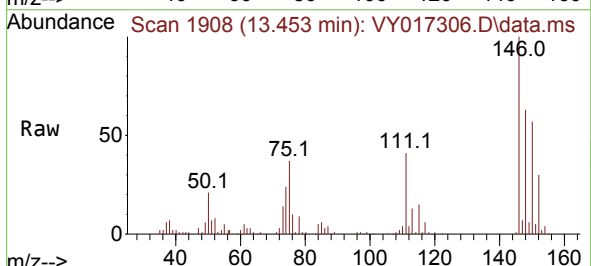
Tgt Ion:146 Resp: 41502

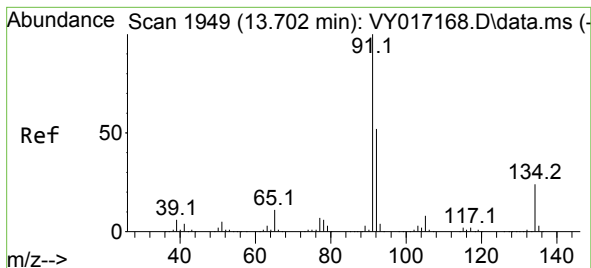
Ion Ratio Lower Upper

146 100

111 42.7 19.3 57.9

148 64.4 31.6 94.7





#89

n-Butylbenzene

Concen: 21.883 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY017306.D

Acq: 08 Feb 2024 12:37

Instrument :

MSVOA_Y

ClientSampleId :

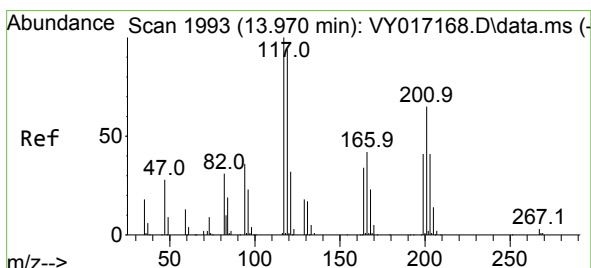
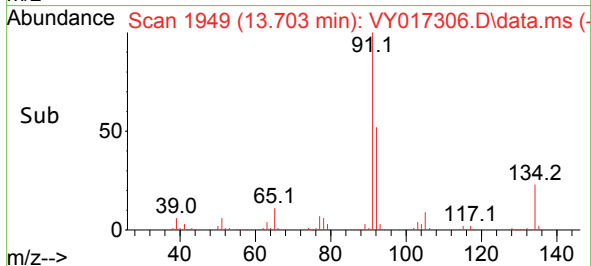
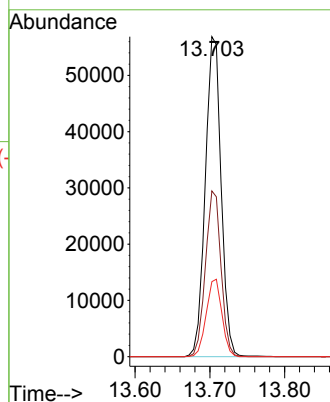
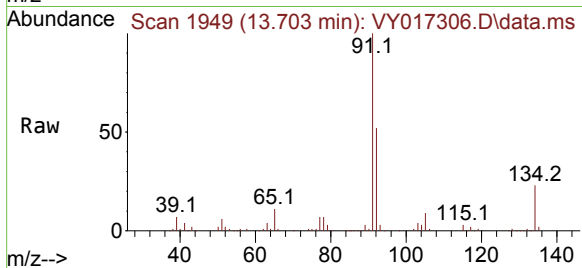
Tgt Ion: 91 Resp: 83719

Ion Ratio Lower Upper

91 100

92 50.8 26.4 79.2

134 23.9 12.3 36.8



#90

Hexachloroethane

Concen: 21.044 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.000 min

Lab File: VY017306.D

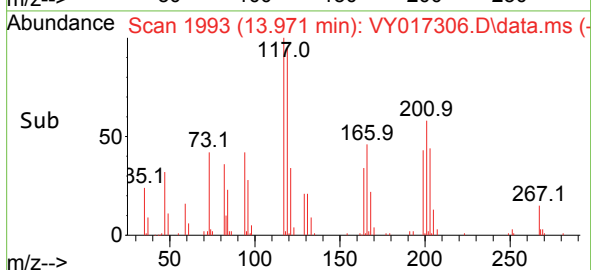
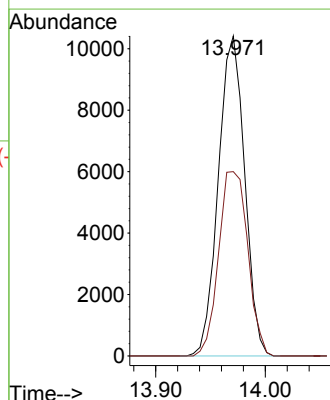
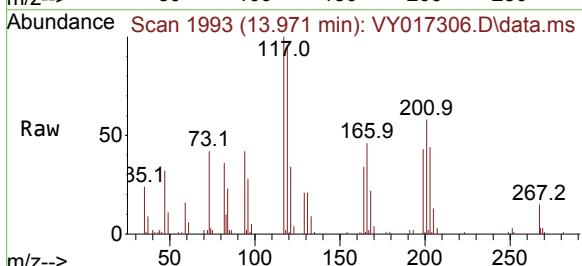
Acq: 08 Feb 2024 12:37

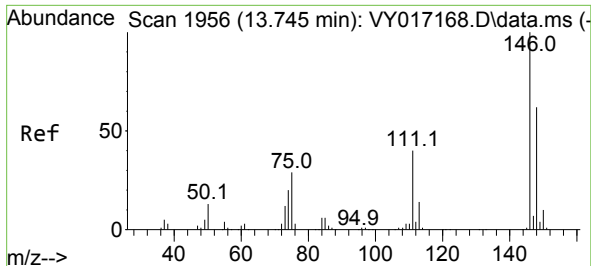
Tgt Ion: 117 Resp: 17384

Ion Ratio Lower Upper

117 100

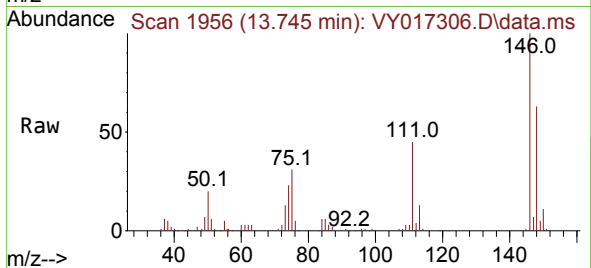
201 63.9 33.4 100.1



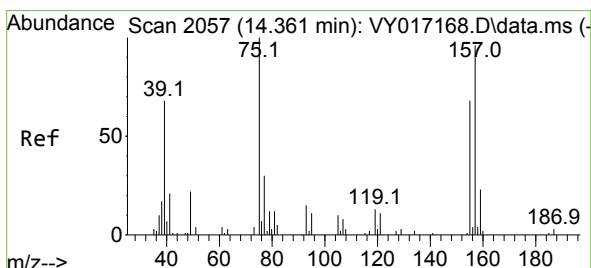
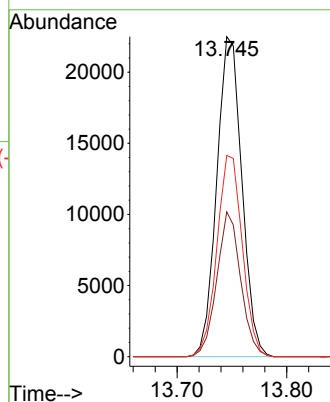
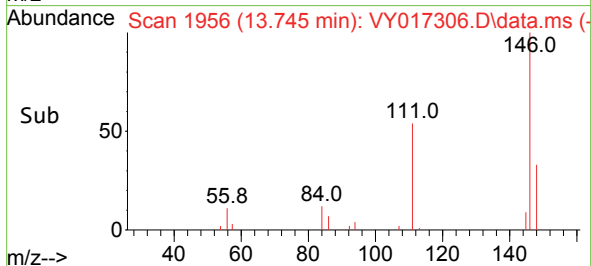


#91
1,2-Dichlorobenzene
Concen: 20.128 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VY017306.D
Acq: 08 Feb 2024 12:37

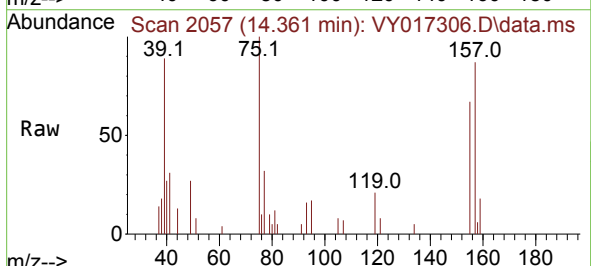
Instrument :
MSVOA_Y
ClientSampleId :



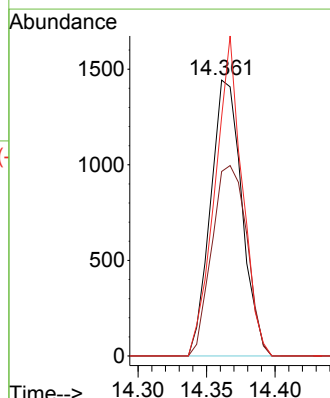
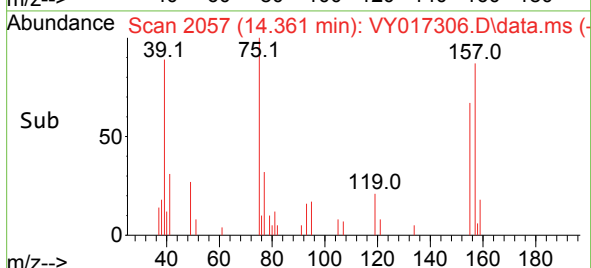
Tgt Ion:146 Resp: 35833
Ion Ratio Lower Upper
146 100
111 43.0 20.5 61.6
148 63.7 31.4 94.3

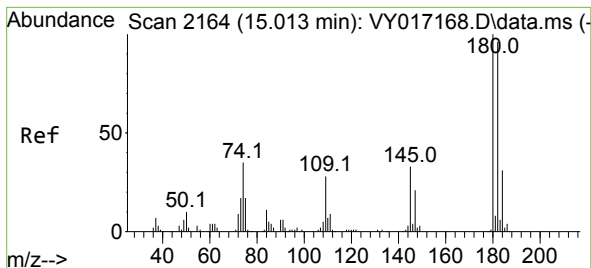


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.964 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY017306.D
Acq: 08 Feb 2024 12:37



Tgt Ion: 75 Resp: 2296
Ion Ratio Lower Upper
75 100
155 77.1 42.1 126.3
157 101.0 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 18.735 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017306.D

Acq: 08 Feb 2024 12:37

Instrument :

MSVOA_Y

ClientSampleId :

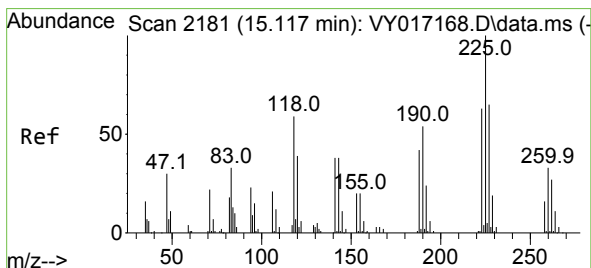
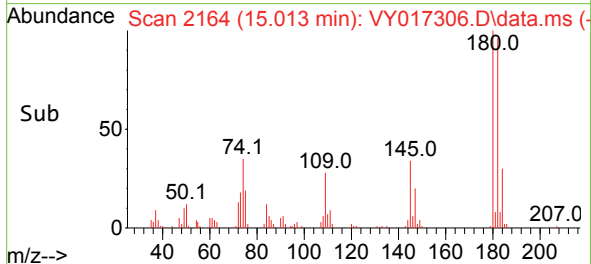
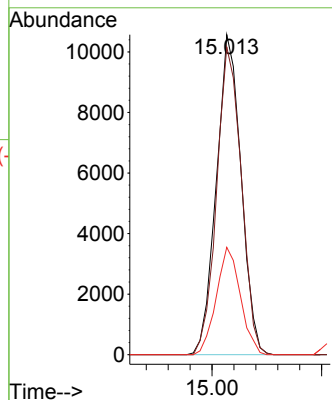
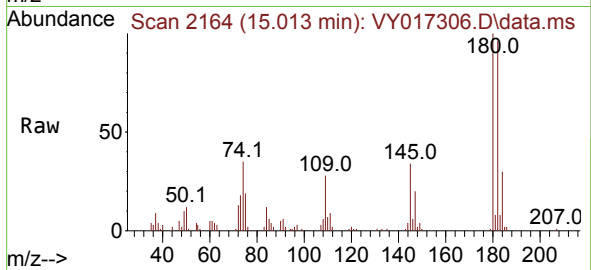
Tgt Ion:180 Resp: 16567

Ion Ratio Lower Upper

180 100

182 95.7 47.9 143.7

145 32.7 15.9 47.7



#94

Hexachlorobutadiene

Concen: 20.288 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.007 min

Lab File: VY017306.D

Acq: 08 Feb 2024 12:37

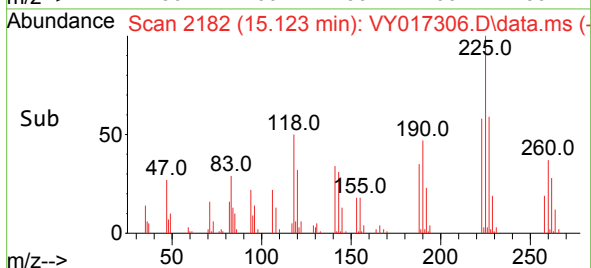
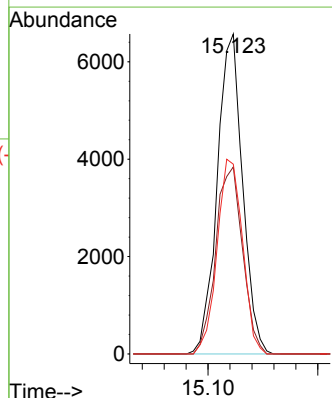
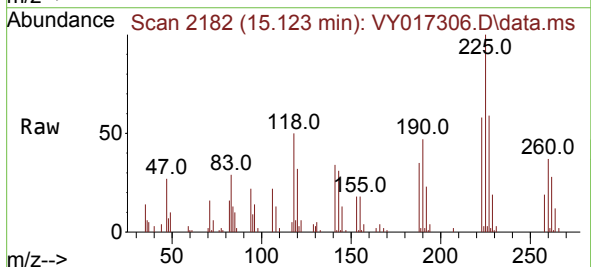
Tgt Ion:225 Resp: 10566

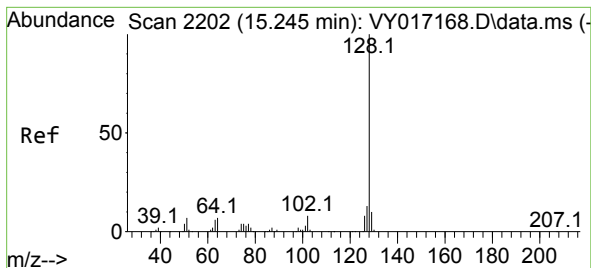
Ion Ratio Lower Upper

225 100

223 61.9 31.4 94.3

227 60.9 32.3 96.8





#95

Naphthalene

Concen: 18.293 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

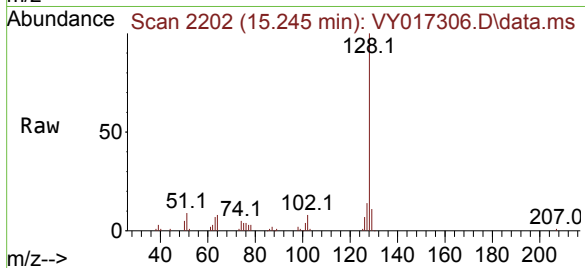
Lab File: VY017306.D

Acq: 08 Feb 2024 12:37

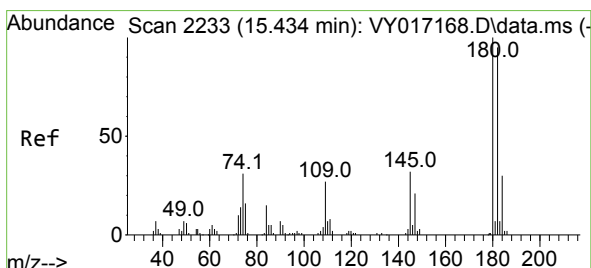
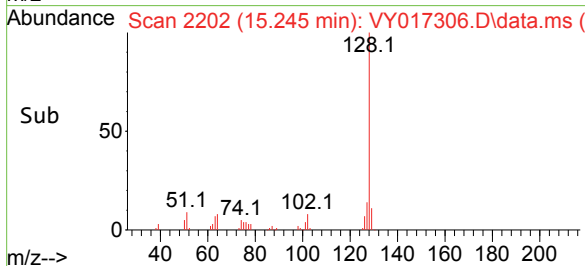
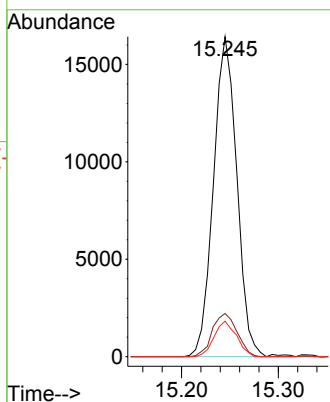
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	128	Resp:	27516
Ion Ratio	Lower	Upper	
128	100		
127	14.4	10.2	15.4
129	10.6	8.6	12.8



#96

1,2,3-Trichlorobenzene

Concen: 18.154 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY017306.D

Acq: 08 Feb 2024 12:37

Tgt Ion:	180	Resp:	13653
Ion Ratio	Lower	Upper	
180	100		
182	94.6	46.3	138.8
145	31.4	16.1	48.2

