

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040424\
 Data File : VY017843.D
 Acq On : 04 Apr 2024 10:26
 Operator : SY/MD
 Sample : VY0404SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0404SBSD01

Quant Time: Apr 05 00:43:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	157151	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	255841	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	224370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	102456	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	67943	49.962	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.920%
35) Dibromofluoromethane	7.728	113	70084	47.407	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.820%
50) Toluene-d8	10.191	98	254359	46.060	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.120%
62) 4-Bromofluorobenzene	12.495	95	74487	44.333	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.660%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	23066	21.947	ug/l	97
3) Chloromethane	2.119	50	37919	18.486	ug/l	94
4) Vinyl Chloride	2.259	62	57353	21.395	ug/l	99
5) Bromomethane	2.656	94	55871	25.777	ug/l	95
6) Chloroethane	2.802	64	44031	25.175	ug/l	99
7) Trichlorofluoromethane	3.137	101	51107	19.550	ug/l	98
8) Diethyl Ether	3.540	74	15062	19.614	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.905	101	29811	19.015	ug/l	97
10) Methyl Iodide	4.107	142	30553	17.920	ug/l	99
11) Tert butyl alcohol	4.960	59	12451	110.717	ug/l #	97
12) 1,1-Dichloroethene	3.881	96	26606	18.136	ug/l	95
13) Acrolein	3.741	56	9388	98.537	ug/l	98
14) Allyl chloride	4.491	41	31347	17.417	ug/l	90
15) Acrylonitrile	5.180	53	32206	99.356	ug/l	99
16) Acetone	3.954	43	26611	94.668	ug/l	98
17) Carbon Disulfide	4.210	76	59021	14.216	ug/l	98
18) Methyl Acetate	4.491	43	12679	20.364	ug/l	98
19) Methyl tert-butyl Ether	5.228	73	70037	20.850	ug/l	99
20) Methylene Chloride	4.728	84	34957	18.628	ug/l	97
21) trans-1,2-Dichloroethene	5.234	96	29051	18.505	ug/l	96
22) Diisopropyl ether	6.137	45	80818	19.427	ug/l	95
23) Vinyl Acetate	6.076	43	246841	97.186	ug/l	98
24) 1,1-Dichloroethane	6.033	63	55036	19.933	ug/l	98
25) 2-Butanone	6.996	43	37921	94.697	ug/l	95
26) 2,2-Dichloropropane	6.996	77	47503	19.919	ug/l	97
27) cis-1,2-Dichloroethene	6.996	96	37040	19.964	ug/l	97
28) Bromochloromethane	7.344	49	23085	20.560	ug/l	96
29) Tetrahydrofuran	7.362	42	23142	96.313	ug/l	98
30) Chloroform	7.515	83	59438	20.748	ug/l	99
31) Cyclohexane	7.801	56	39786	16.608	ug/l	92
32) 1,1,1-Trichloroethane	7.710	97	50552	20.733	ug/l	98
36) 1,1-Dichloropropene	7.929	75	39256	18.199	ug/l	96
37) Ethyl Acetate	7.082	43	17112	18.383	ug/l	97
38) Carbon Tetrachloride	7.911	117	42521	18.989	ug/l	99
39) Methylcyclohexane	9.197	83	43907	16.296	ug/l	97
40) Benzene	8.173	78	123904	18.639	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.362	41	22987	44.167	ug/l #	30
42) 1,2-Dichloroethane	8.252	62	33501	20.475	ug/l	97
43) Isopropyl Acetate	8.283	43	33226	19.668	ug/l	95
44) Trichloroethene	8.953	130	32004	18.505	ug/l	96
45) 1,2-Dichloropropane	9.228	63	28980	18.761	ug/l	99
46) Dibromomethane	9.319	93	18041	20.557	ug/l	93
47) Bromodichloromethane	9.508	83	45921	20.709	ug/l	99
48) Methyl methacrylate	9.307	41	13336	20.541	ug/l	89
49) 1,4-Dioxane	9.313	88	3560	361.351	ug/l #	86
51) 4-Methyl-2-Pentanone	10.081	43	88395	114.029	ug/l	99
52) Toluene	10.258	92	75842	18.809	ug/l	98
53) t-1,3-Dichloropropene	10.477	75	38327	19.466	ug/l	96
54) cis-1,3-Dichloropropene	9.941	75	46032	19.156	ug/l	94
55) 1,1,2-Trichloroethane	10.654	97	23914	20.450	ug/l	96
56) Ethyl methacrylate	10.520	69	28326	21.906	ug/l #	94
57) 1,3-Dichloropropane	10.801	76	39520	19.982	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	79990	119.078	ug/l	100
59) 2-Hexanone	10.843	43	58472	108.645	ug/l	98
60) Dibromochloromethane	10.996	129	29406	19.938	ug/l	100
61) 1,2-Dibromoethane	11.099	107	21100	19.788	ug/l	100
64) Tetrachloroethene	10.733	164	35652	18.218	ug/l	98
65) Chlorobenzene	11.526	112	87633	19.040	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.599	131	29593	18.936	ug/l	100
67) Ethyl Benzene	11.605	91	144344	18.243	ug/l	98
68) m/p-Xylenes	11.715	106	110853	36.943	ug/l	98
69) o-Xylene	12.044	106	51500	22.121	ug/l	99
70) Styrene	12.056	104	88173	22.226	ug/l	100
71) Bromoform	12.221	173	17305	19.977	ug/l #	96
73) Isopropylbenzene	12.343	105	138788	19.330	ug/l	99
74) N-amyl acetate	12.154	43	27215	22.189	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.593	83	24515	19.738	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	32432	34.737	ug/l #	100
77) Bromobenzene	12.623	156	32450	18.976	ug/l	99
78) n-propylbenzene	12.684	91	168185	19.197	ug/l	99
79) 2-Chlorotoluene	12.770	91	91192	19.002	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	106643	19.031	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	8055	22.017	ug/l	94
82) 4-Chlorotoluene	12.867	91	93902	18.897	ug/l	99
83) tert-Butylbenzene	13.087	119	97296	19.098	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	106163	19.023	ug/l	100
85) sec-Butylbenzene	13.264	105	147799	19.329	ug/l	99
86) p-Isopropyltoluene	13.379	119	122698	19.197	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	64228	18.928	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	63330	19.499	ug/l	99
89) n-Butylbenzene	13.709	91	112021	19.050	ug/l	97
90) Hexachloroethane	13.977	117	24919	19.607	ug/l	100
91) 1,2-Dichlorobenzene	13.751	146	54577	19.404	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	3163	18.845	ug/l	97
93) 1,2,4-Trichlorobenzene	15.019	180	27821	18.059	ug/l	100
94) Hexachlorobutadiene	15.123	225	17000	18.203	ug/l	99
95) Naphthalene	15.251	128	46547	21.270	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	23914	18.376	ug/l	99

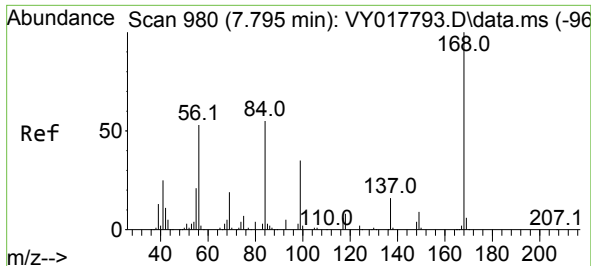
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040424\
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Response via : Initial Calibration

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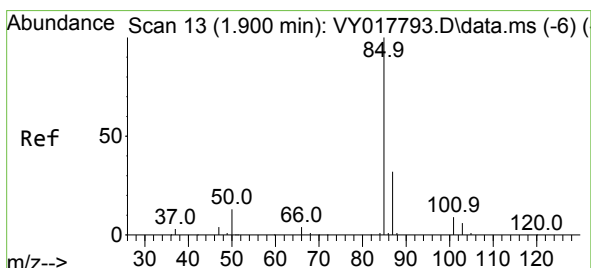
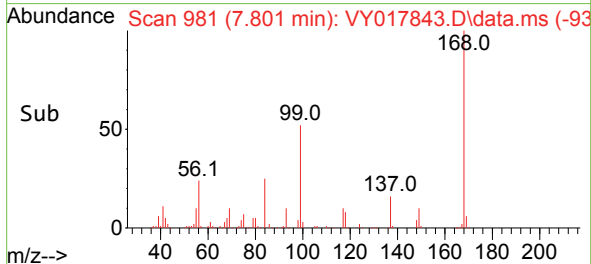
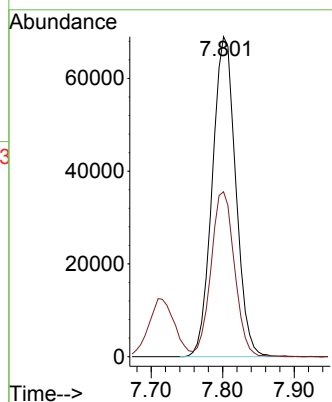
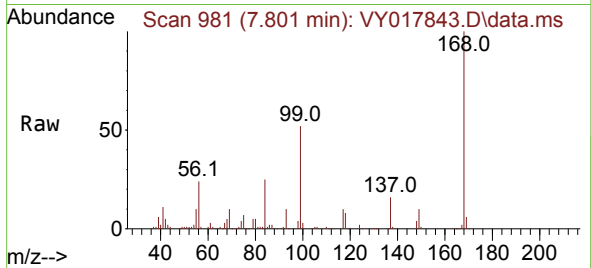
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017843.D
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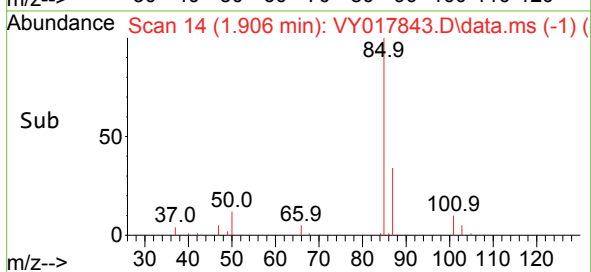
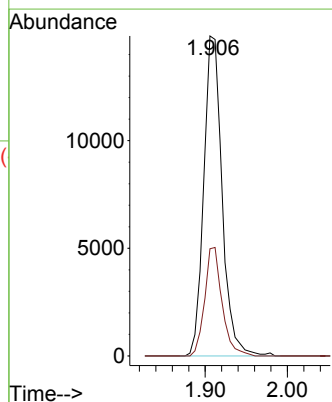
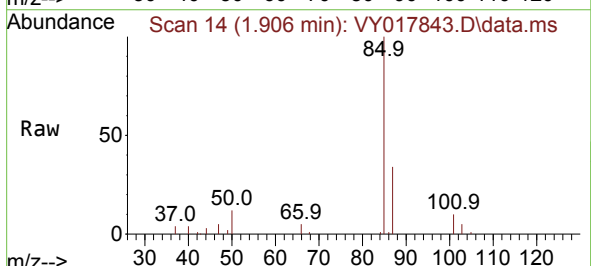
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

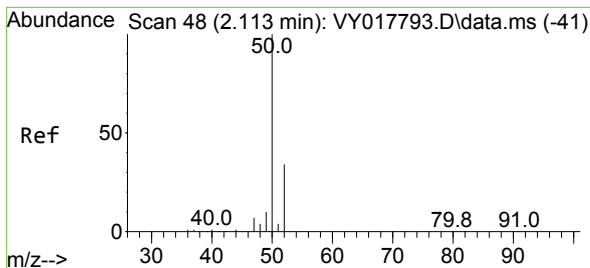
Tgt Ion:168 Resp: 157151
Ion Ratio Lower Upper
168 100
99 51.4 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 21.947 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY017843.D
Acq: 04 Apr 2024 10:26

Tgt Ion: 85 Resp: 23066
Ion Ratio Lower Upper
85 100
87 33.5 16.0 48.0





#3

Chloromethane

Concen: 18.486 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.006 min

Lab File: VY017843.D

Acq: 04 Apr 2024 10:26

Instrument :

MSVOA_Y

ClientSampleId :

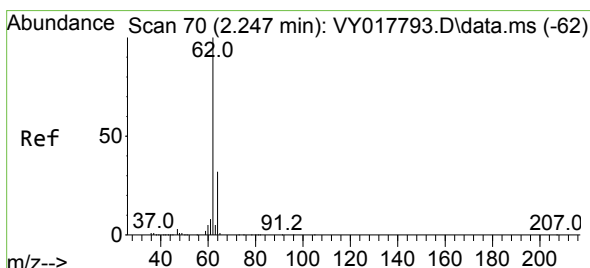
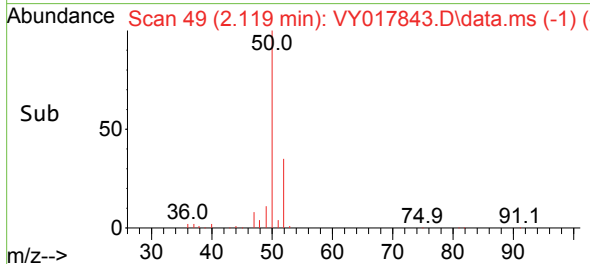
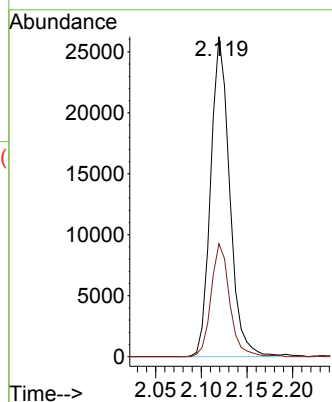
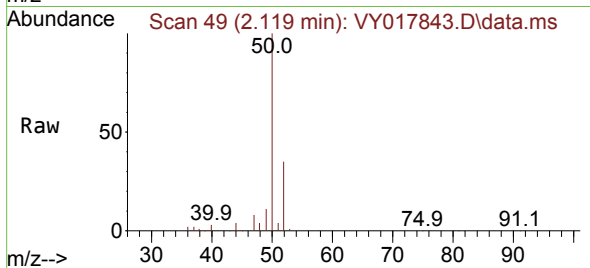
VY0404SBS01

Tgt Ion: 50 Resp: 37919

Ion Ratio Lower Upper

50 100

52 35.3 25.6 38.4



#4

Vinyl Chloride

Concen: 21.395 ug/l

RT: 2.259 min Scan# 72

Delta R.T. 0.012 min

Lab File: VY017843.D

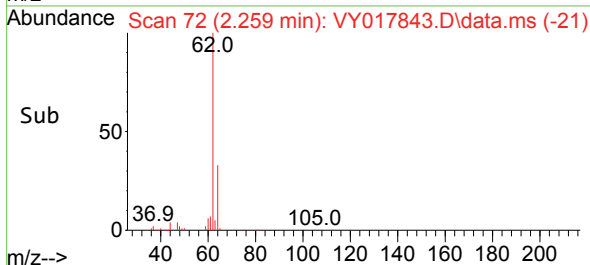
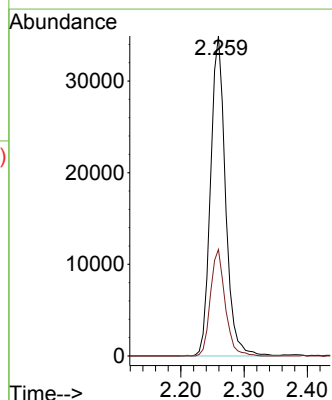
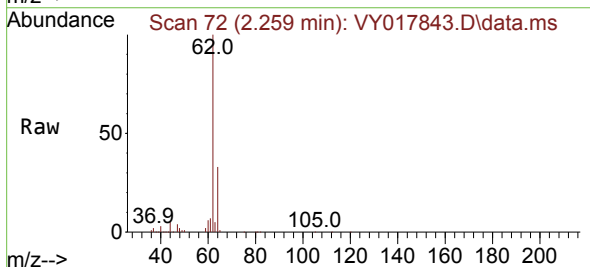
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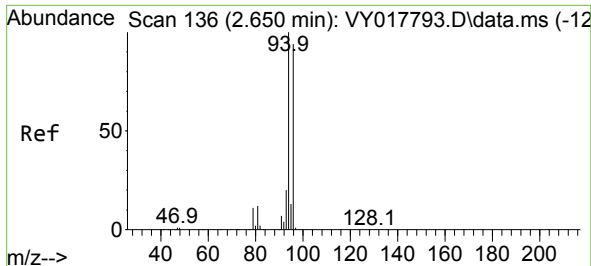
Tgt Ion: 62 Resp: 57353

Ion Ratio Lower Upper

62 100

64 33.3 26.1 39.1

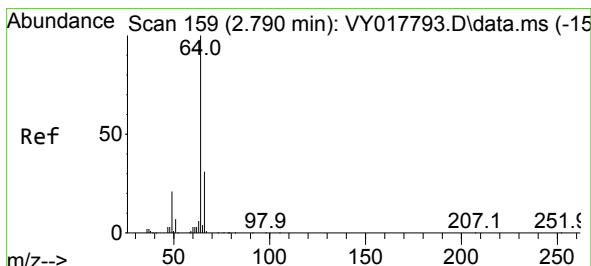
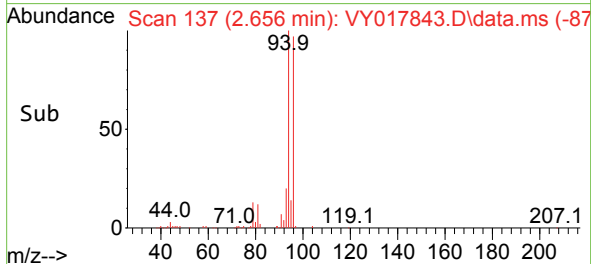
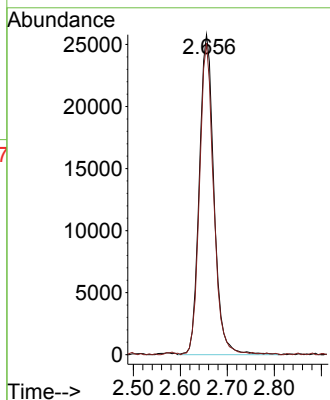
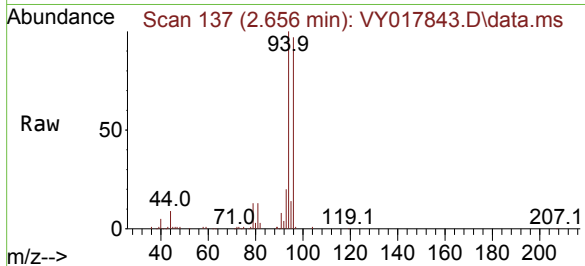




#5
Bromomethane
Concen: 25.777 ug/l
RT: 2.656 min Scan# 111
Delta R.T. 0.006 min
Lab File: VY017843.D
Acq: 04 Apr 2024 10:26

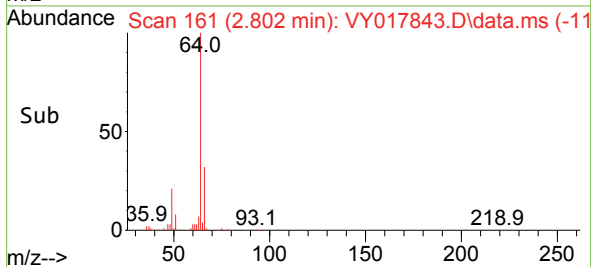
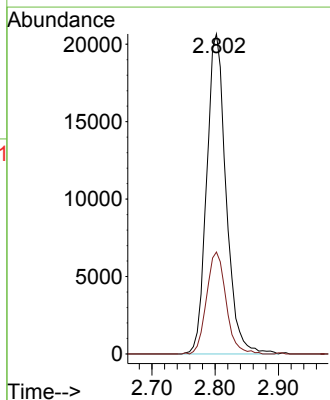
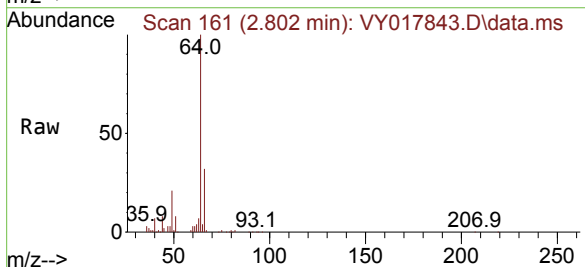
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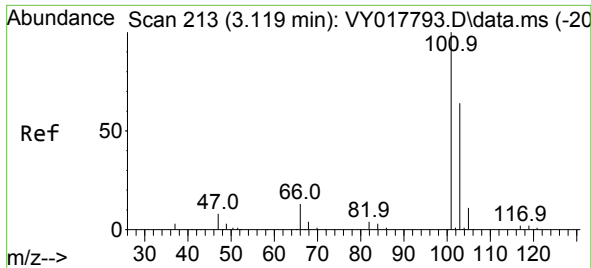
Tgt Ion: 94 Resp: 55871
Ion Ratio Lower Upper
94 100
96 97.0 74.1 111.1



#6
Chloroethane
Concen: 25.175 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.012 min
Lab File: VY017843.D
Acq: 04 Apr 2024 10:26

Tgt Ion: 64 Resp: 44031
Ion Ratio Lower Upper
64 100
66 31.8 26.1 39.1

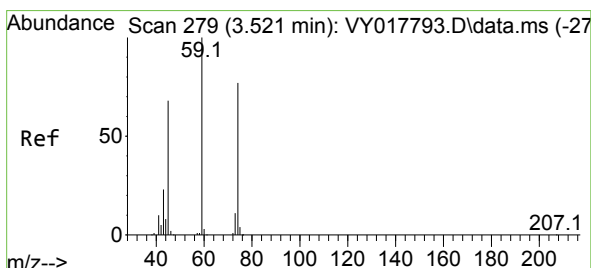
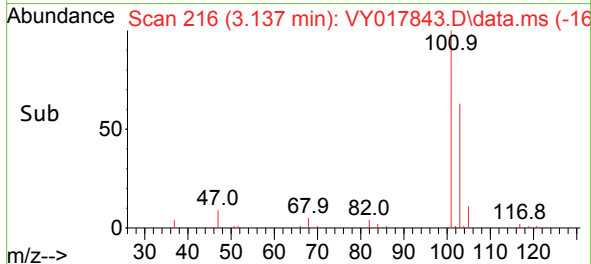
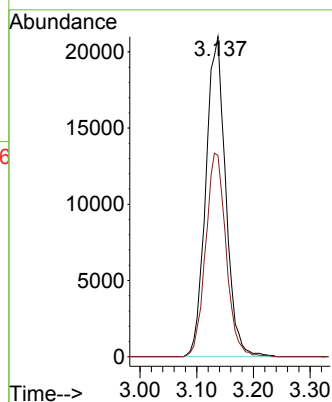
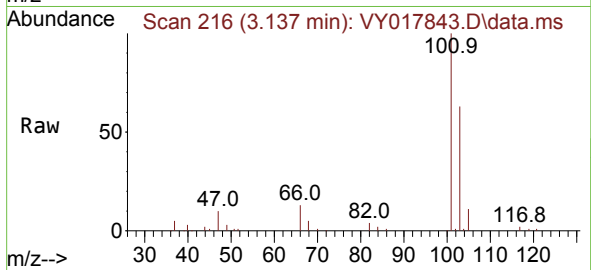




#7
 Trichlorofluoromethane
 Concen: 19.550 ug/l
 RT: 3.137 min Scan# 213
 Delta R.T. 0.018 min
 Lab File: VY017843.D
 Acq: 04 Apr 2024 10:26

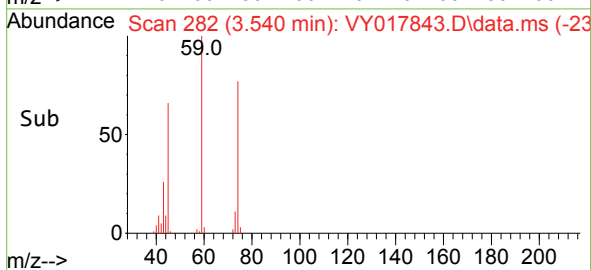
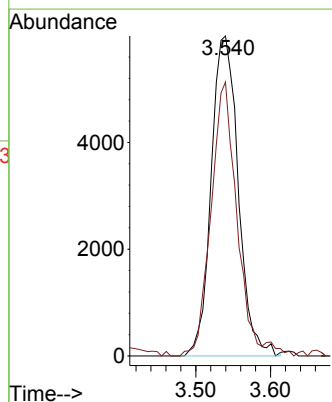
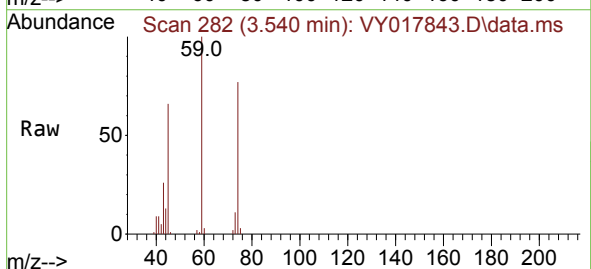
Instrument :
 MSVOA_Y
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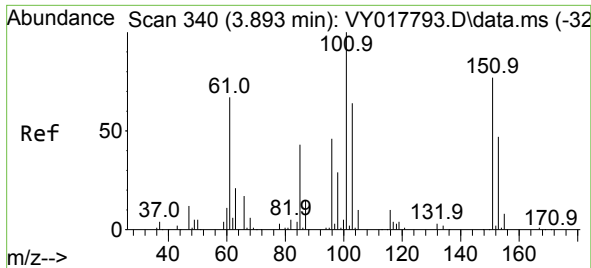
Tgt Ion:101 Resp: 51107
 Ion Ratio Lower Upper
 101 100
 103 62.9 49.3 73.9



#8
 Diethyl Ether
 Concen: 19.614 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. 0.018 min
 Lab File: VY017843.D
 Acq: 04 Apr 2024 10:26

Tgt Ion: 74 Resp: 15062
 Ion Ratio Lower Upper
 74 100
 45 80.5 41.3 124.1

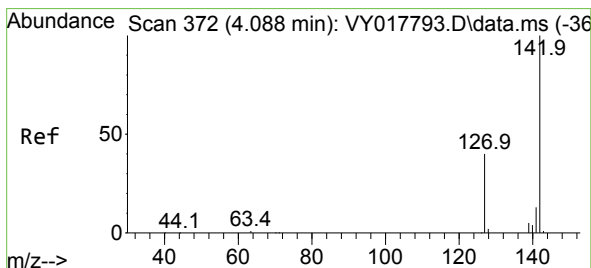
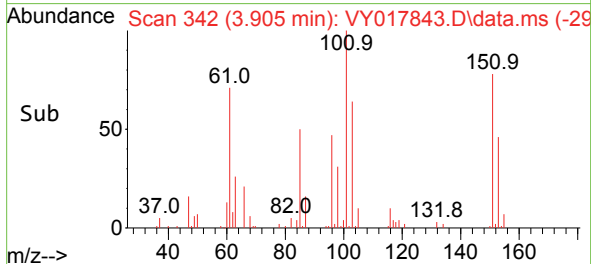
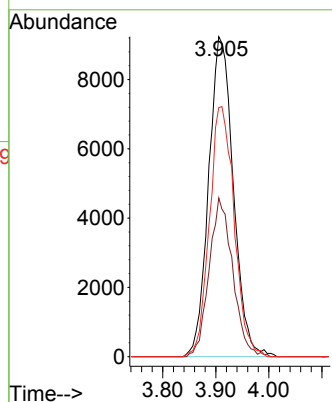
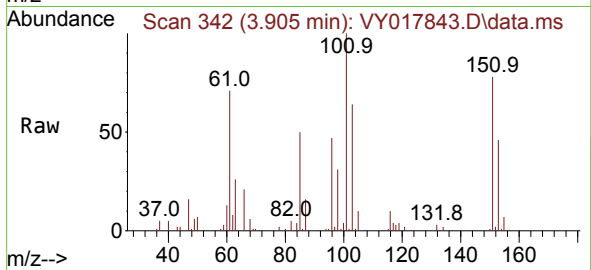




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.015 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY017843.D
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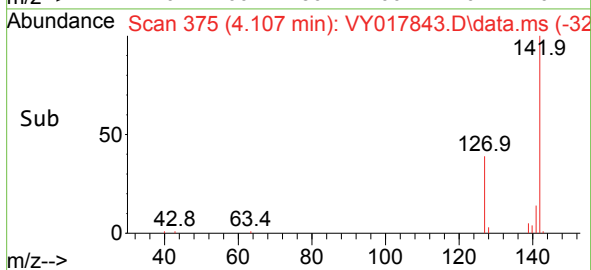
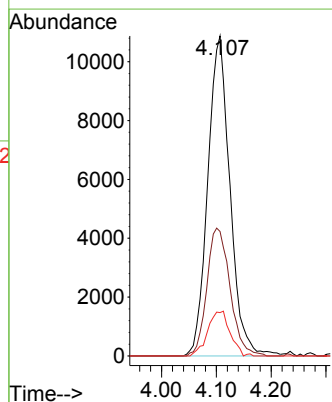
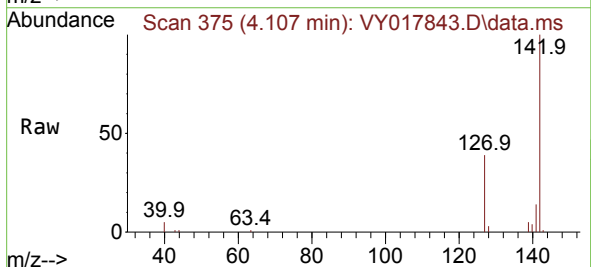
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBSD01

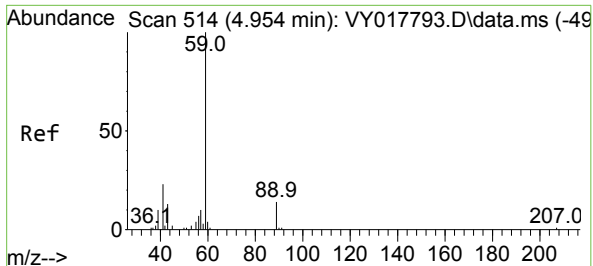
Tgt Ion:101 Resp: 29811
Ion Ratio Lower Upper
101 100
85 47.4 34.5 51.7
151 78.4 61.7 92.5



#10
Methyl Iodide
Concen: 17.920 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.019 min
Lab File: VY017843.D
Acq: 04 Apr 2024 10:26

Tgt Ion:142 Resp: 30553
Ion Ratio Lower Upper
142 100
127 41.7 32.8 49.2
141 14.1 11.4 17.2

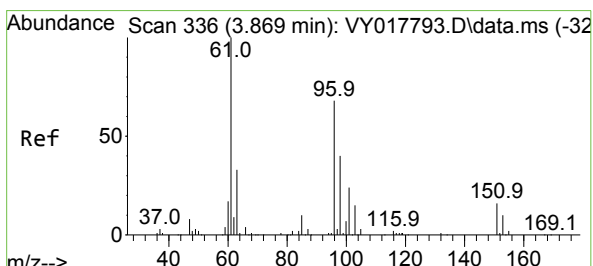
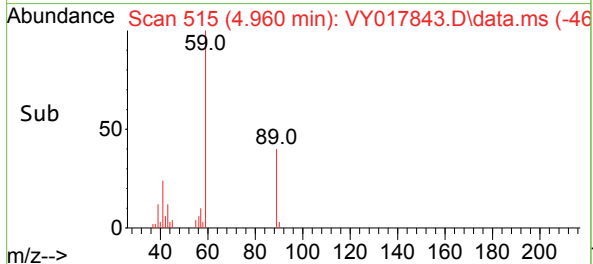
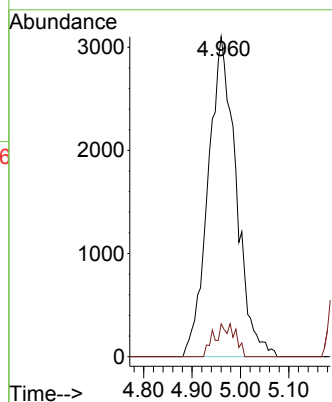
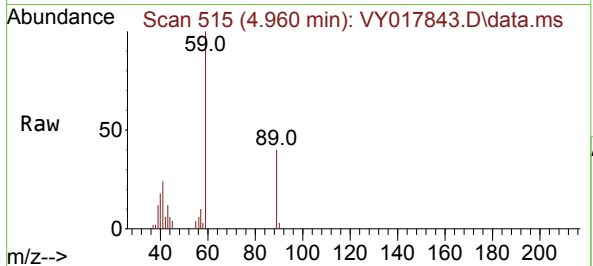




#11
Tert butyl alcohol
Concen: 110.717 ug/l
RT: 4.960 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY017843.D
Acq: 04 Apr 2024 10:26

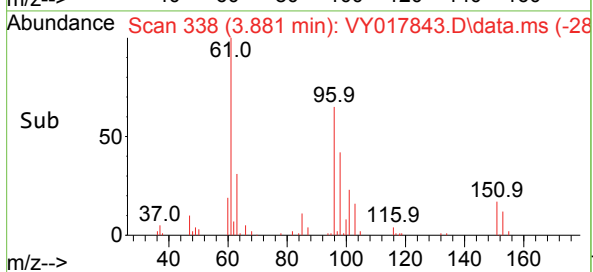
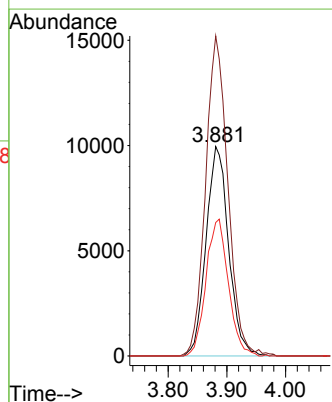
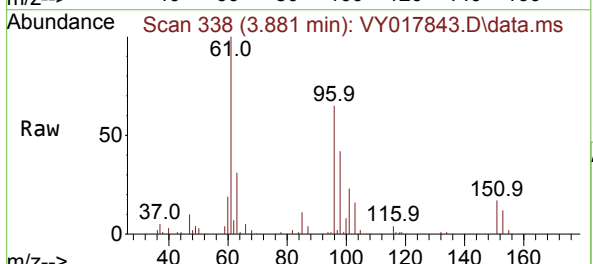
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

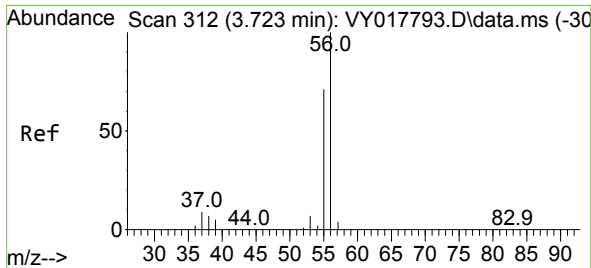
Tgt Ion: 59 Resp: 12451
Ion Ratio Lower Upper
59 100
57 4.7 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 18.136 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.012 min
Lab File: VY017843.D
Acq: 04 Apr 2024 10:26

Tgt Ion: 96 Resp: 26606
Ion Ratio Lower Upper
96 100
61 152.8 114.6 171.8
98 63.7 50.8 76.2





#13

Acrolein

Concen: 98.537 ug/l

RT: 3.741 min Scan# 312

Delta R.T. 0.018 min

Lab File: VY017843.D

Acq: 04 Apr 2024 10:26

Instrument :

MSVOA_Y

ClientSampleId :

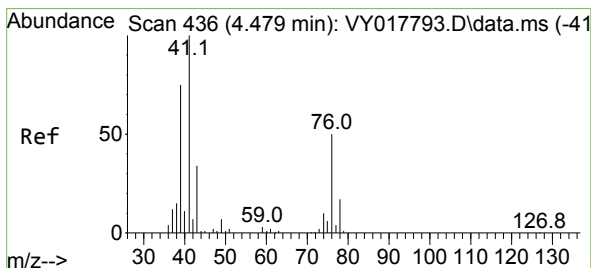
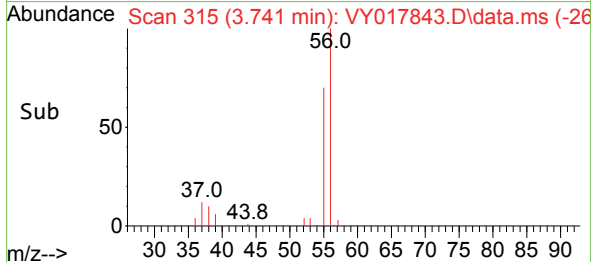
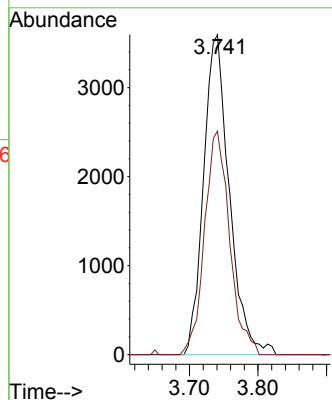
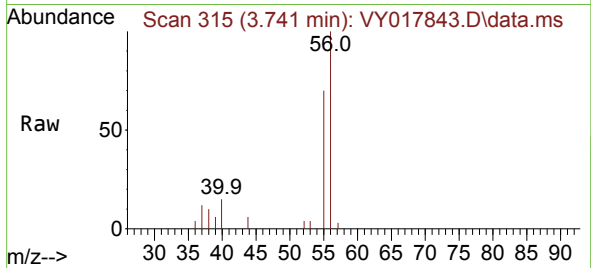
VY0404SBS01

Tgt Ion: 56 Resp: 9388

Ion Ratio Lower Upper

56 100

55 67.9 55.7 83.5



#14

Allyl chloride

Concen: 17.417 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.012 min

Lab File: VY017843.D

Acq: 04 Apr 2024 10:26

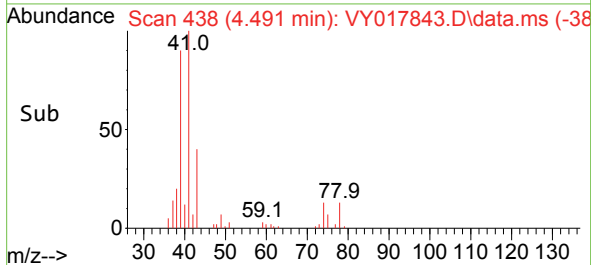
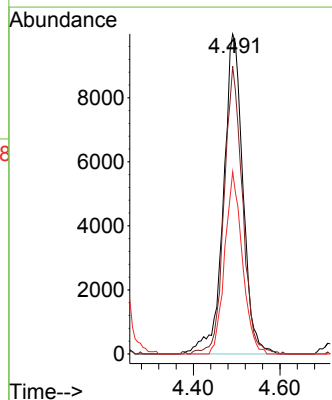
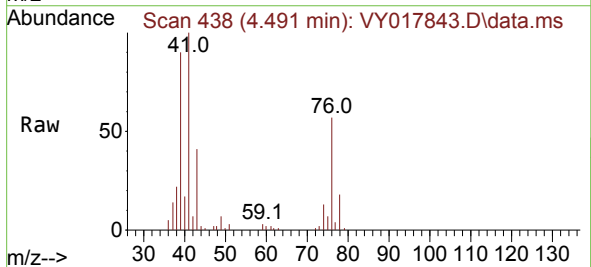
Tgt Ion: 41 Resp: 31347

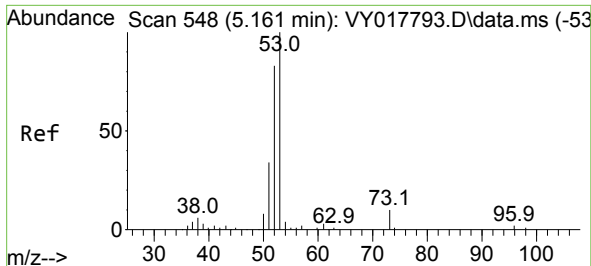
Ion Ratio Lower Upper

41 100

39 84.6 58.3 87.5

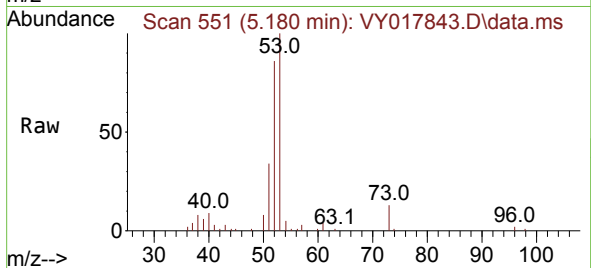
76 51.1 39.0 58.6



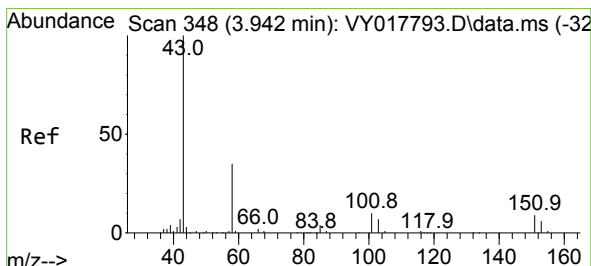
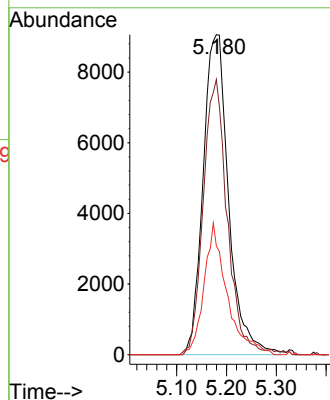
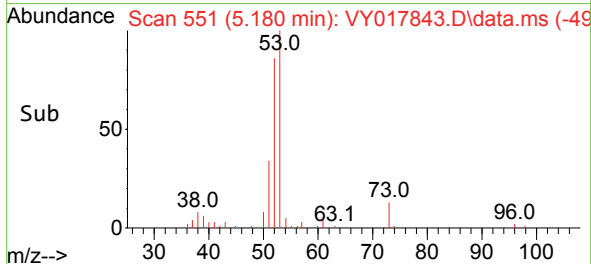


#15
Acrylonitrile
Concen: 99.356 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY017843.D
Acq: 04 Apr 2024 10:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBSD01

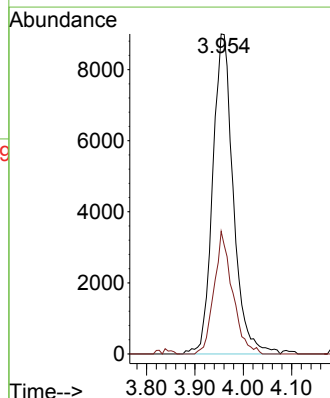
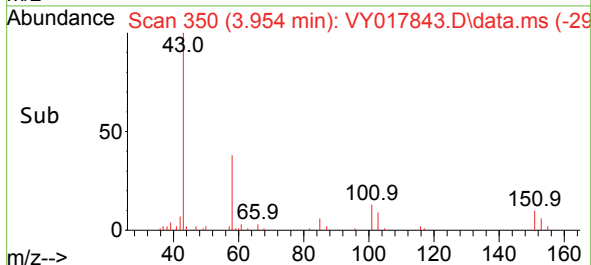
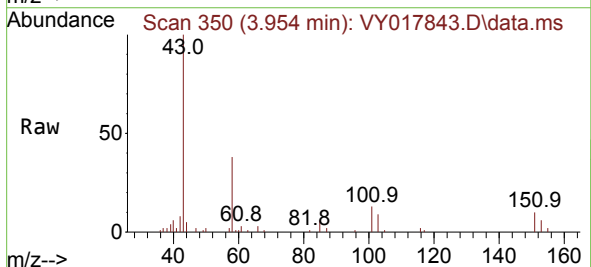


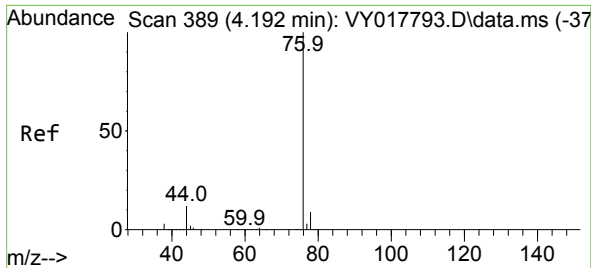
Tgt Ion: 53 Resp: 32206
Ion Ratio Lower Upper
53 100
52 81.3 64.7 97.1
51 37.0 28.4 42.6



#16
Acetone
Concen: 94.668 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY017843.D
Acq: 04 Apr 2024 10:26

Tgt Ion: 43 Resp: 26611
Ion Ratio Lower Upper
43 100
58 38.3 31.7 47.5

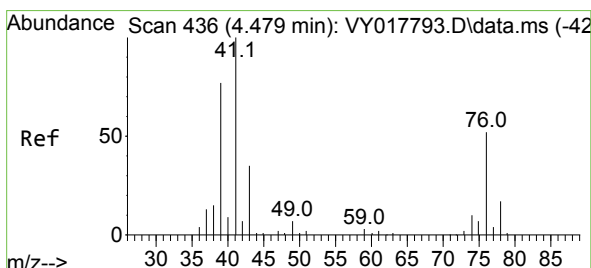
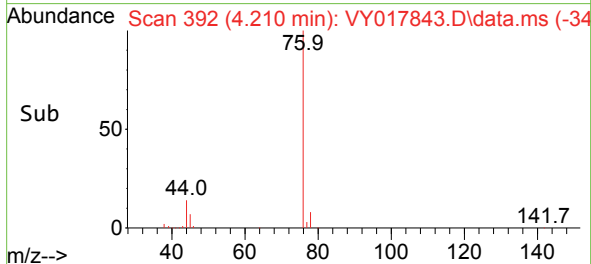
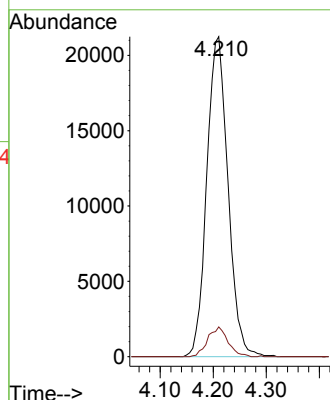
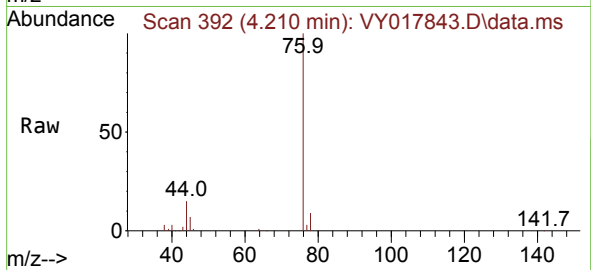




#17
Carbon Disulfide
Concen: 14.216 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.018 min
Lab File: VY017843.D
Acq: 04 Apr 2024 10:26

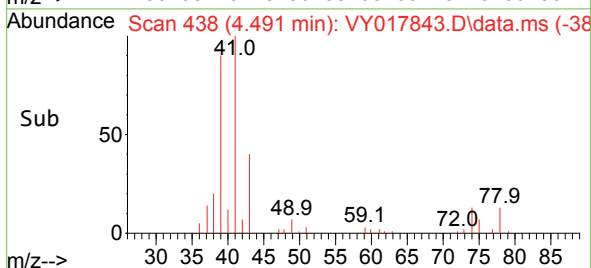
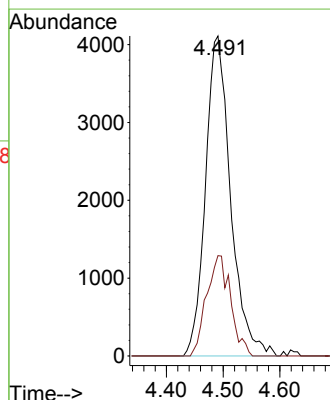
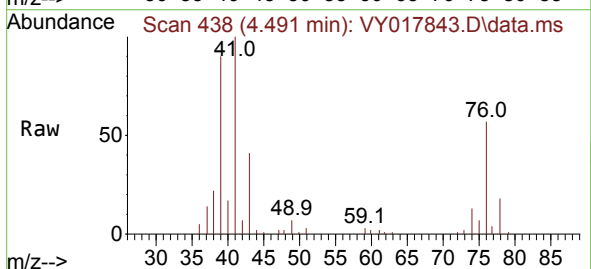
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

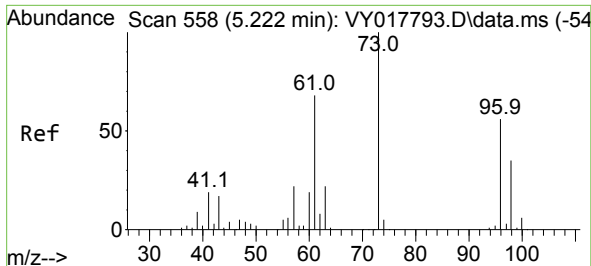
Tgt Ion: 76 Resp: 59021
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2



#18
Methyl Acetate
Concen: 20.364 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY017843.D
Acq: 04 Apr 2024 10:26

Tgt Ion: 43 Resp: 12679
Ion Ratio Lower Upper
43 100
74 29.9 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 20.850 ug/l

RT: 5.228 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY017843.D

Acq: 04 Apr 2024 10:26

Instrument :

MSVOA_Y

ClientSampleId :

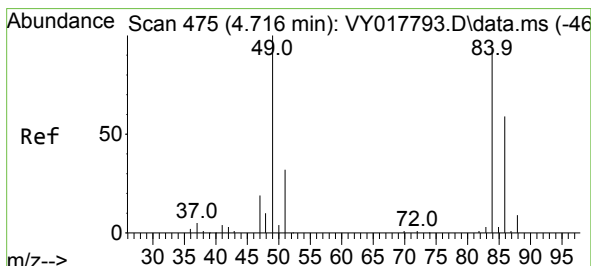
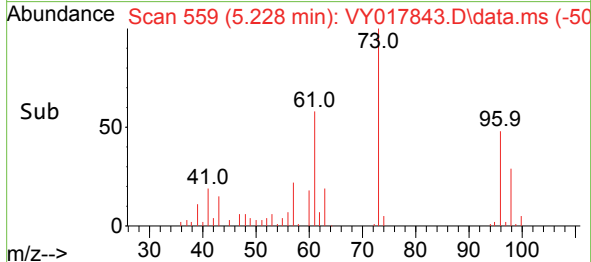
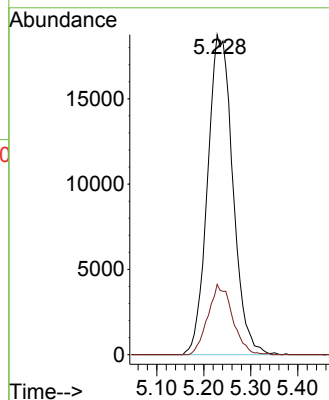
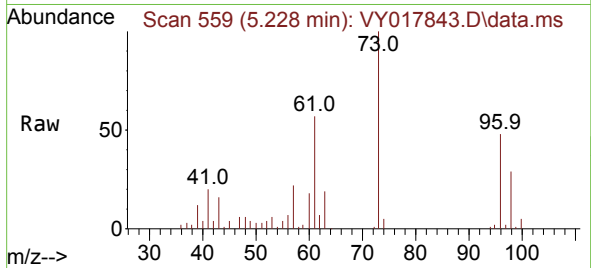
VY0404SBS01

Tgt Ion: 73 Resp: 70037

Ion Ratio Lower Upper

73 100

57 22.0 17.3 25.9



#20

Methylene Chloride

Concen: 18.628 ug/l

RT: 4.728 min Scan# 477

Delta R.T. 0.012 min

Lab File: VY017843.D

Acq: 04 Apr 2024 10:26

Tgt Ion: 84 Resp: 34957

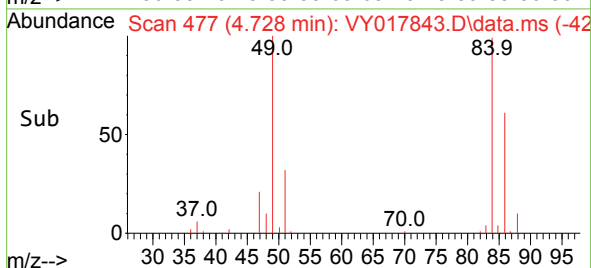
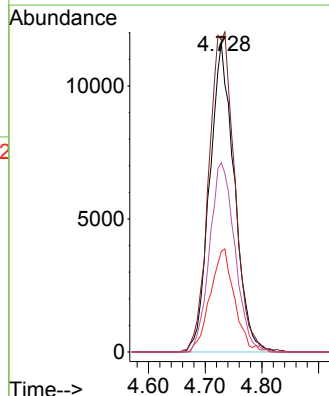
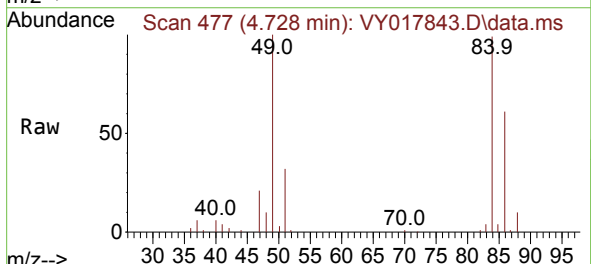
Ion Ratio Lower Upper

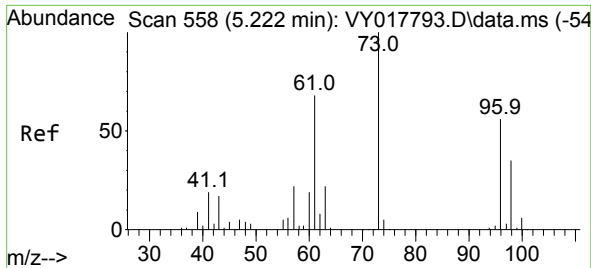
84 100

49 101.0 84.4 126.6

51 32.6 26.0 39.0

86 61.3 49.5 74.3

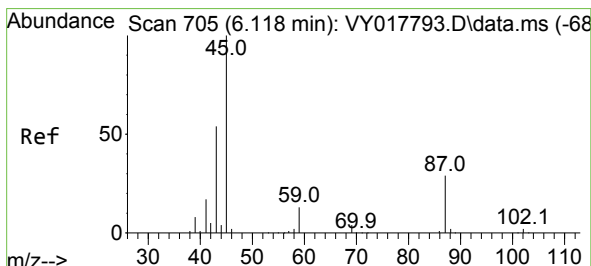
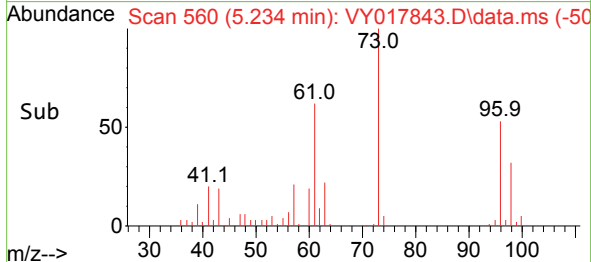
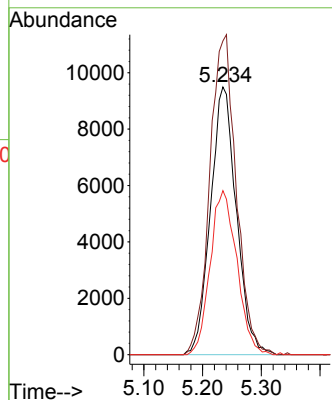
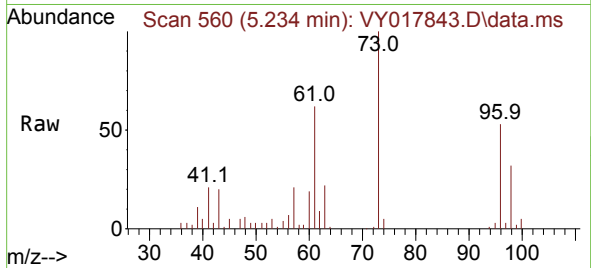




#21
trans-1,2-Dichloroethene
Concen: 18.505 ug/l
RT: 5.234 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY017843.D
Acq: 04 Apr 2024 10:26

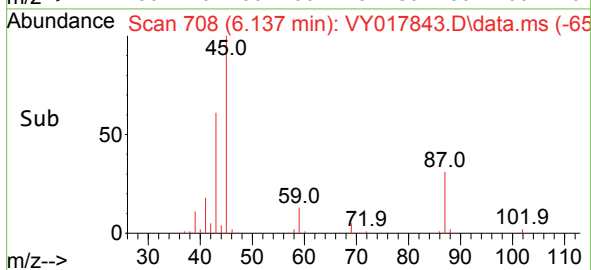
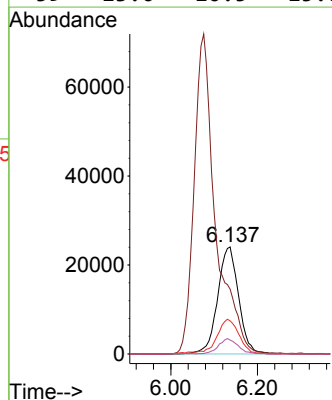
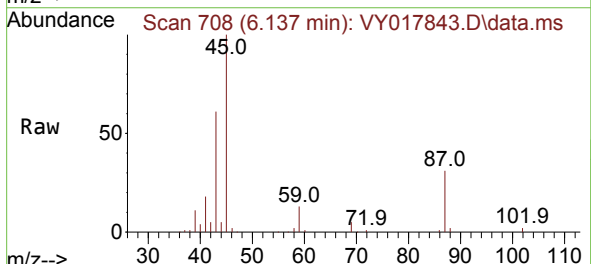
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

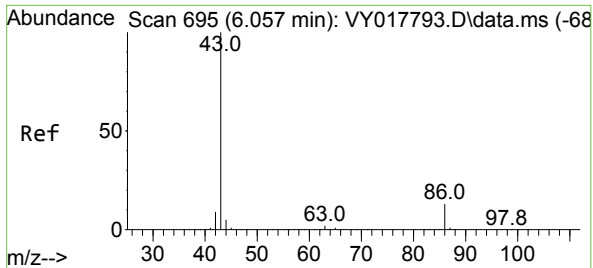
Tgt Ion: 96 Resp: 29051
Ion Ratio Lower Upper
96 100
61 117.2 97.5 146.3
98 61.2 50.5 75.7



#22
Diisopropyl ether
Concen: 19.427 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.018 min
Lab File: VY017843.D
Acq: 04 Apr 2024 10:26

Tgt Ion: 45 Resp: 80818
Ion Ratio Lower Upper
45 100
43 59.5 42.2 63.2
87 30.9 25.0 37.6
59 13.0 10.5 15.7

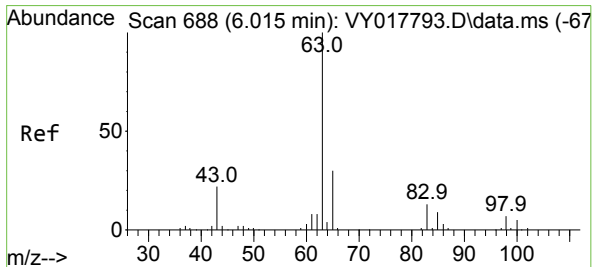
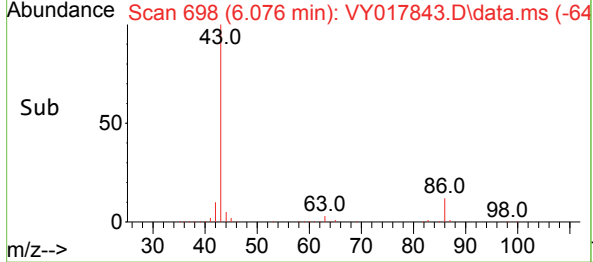
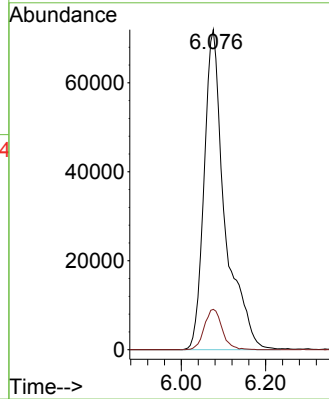
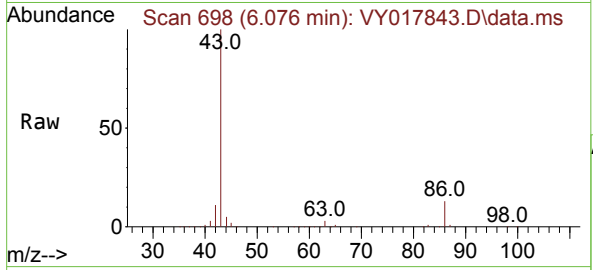




#23
 Vinyl Acetate
 Concen: 97.186 ug/l
 RT: 6.076 min Scan# 691
 Delta R.T. 0.018 min
 Lab File: VY017843.D
 Acq: 04 Apr 2024 10:26

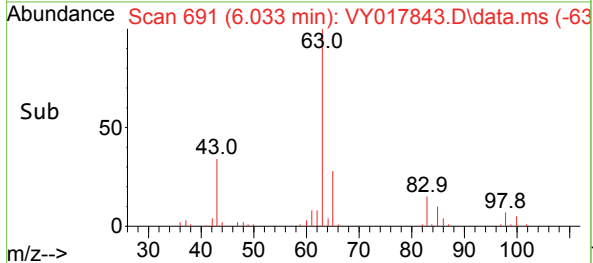
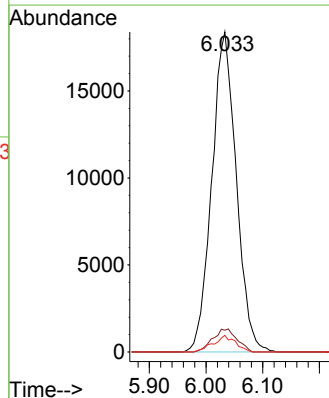
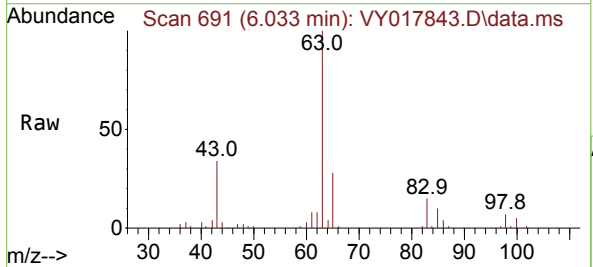
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0404SBS01

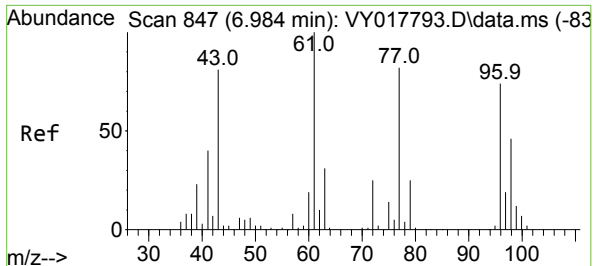
Tgt Ion: 43 Resp: 246841
 Ion Ratio Lower Upper
 43 100
 86 12.6 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 19.933 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.018 min
 Lab File: VY017843.D
 Acq: 04 Apr 2024 10:26

Tgt Ion: 63 Resp: 55036
 Ion Ratio Lower Upper
 63 100
 98 6.8 4.0 12.2
 100 5.2 2.6 8.0





#25

2-Butanone

Concen: 94.697 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY017843.D

Acq: 04 Apr 2024 10:26

Instrument :

MSVOA_Y

ClientSampleId :

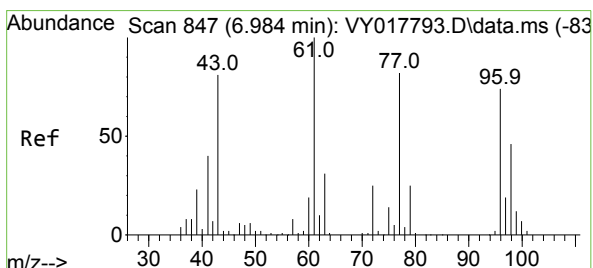
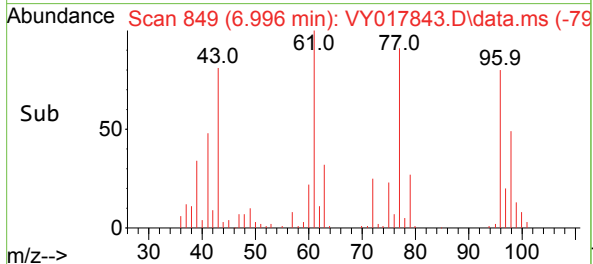
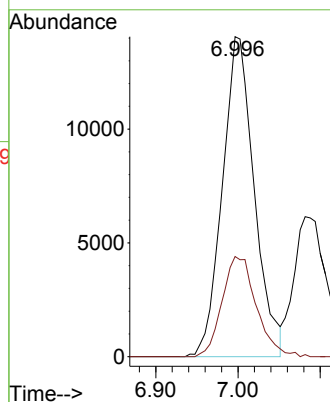
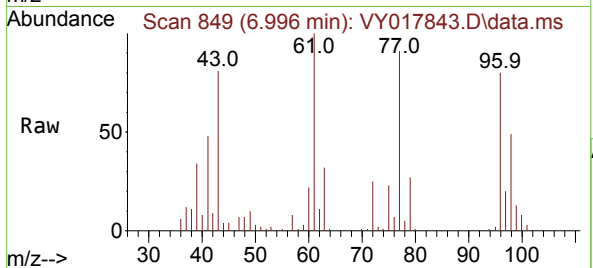
VY0404SBS01

Tgt Ion: 43 Resp: 37921

Ion Ratio Lower Upper

43 100

72 31.3 27.3 40.9



#26

2,2-Dichloropropane

Concen: 19.919 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY017843.D

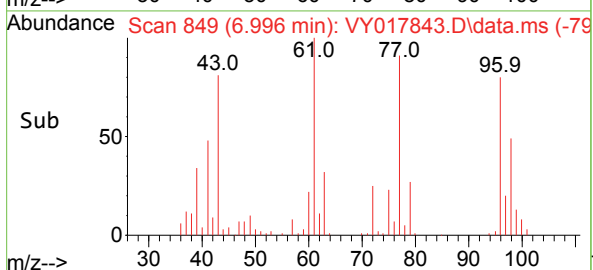
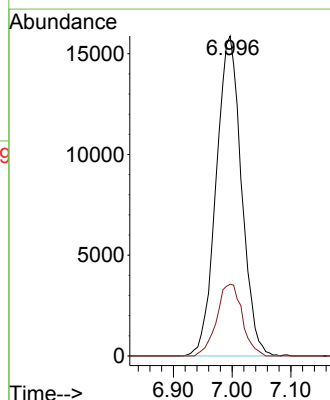
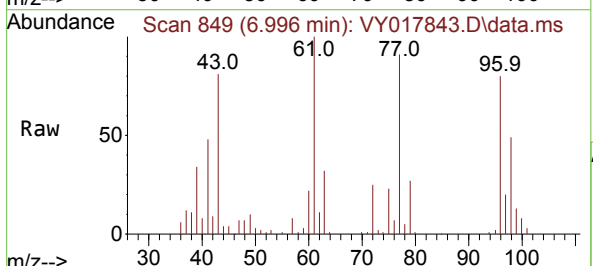
Acq: 04 Apr 2024 10:26

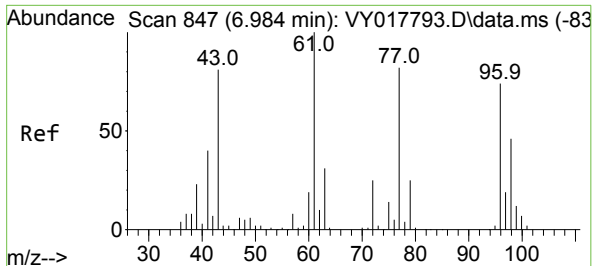
Tgt Ion: 77 Resp: 47503

Ion Ratio Lower Upper

77 100

97 22.6 12.0 36.1



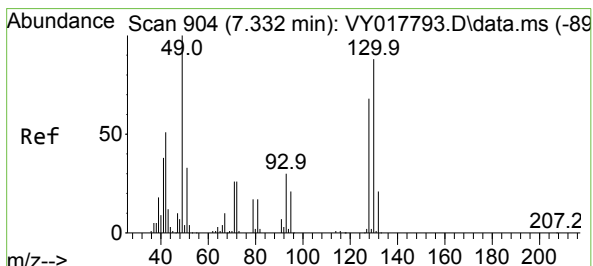
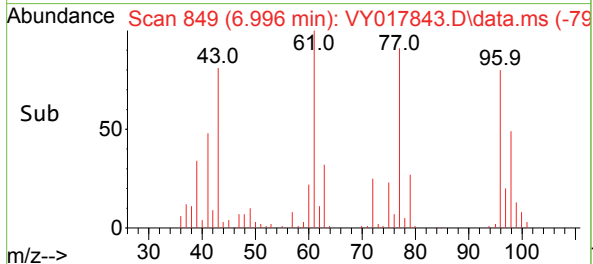
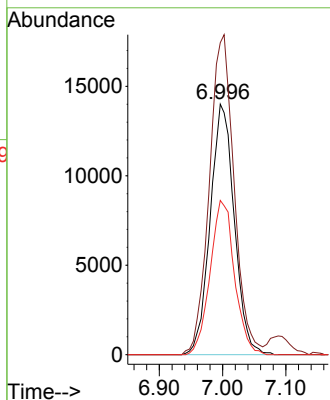
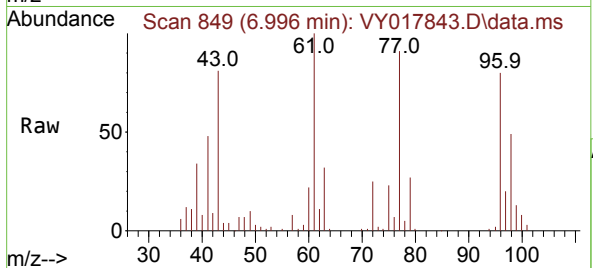


#27
 cis-1,2-Dichloroethene
 Concen: 19.964 ug/l
 RT: 6.996 min Scan# 847
 Delta R.T. 0.012 min
 Lab File: VY017843.D
 Acq: 04 Apr 2024 10:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0404SBSD01

Tgt Ion: 96 Resp: 37040

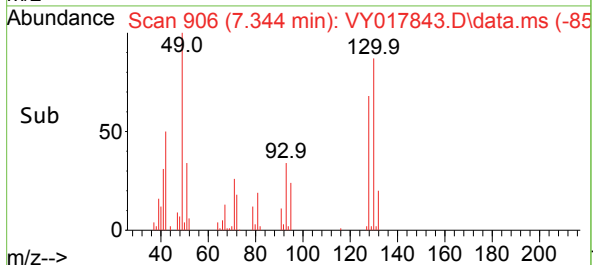
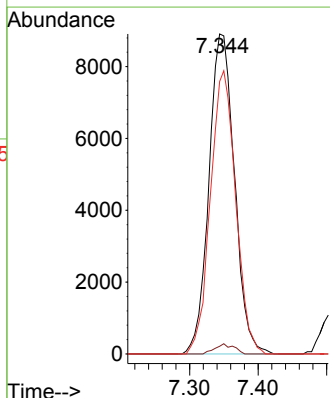
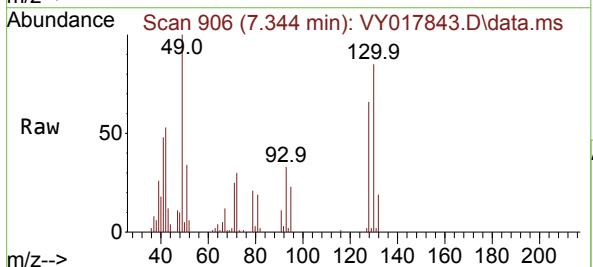
Ion	Ratio	Lower	Upper
96	100		
61	131.5	0.0	256.2
98	62.2	0.0	130.0

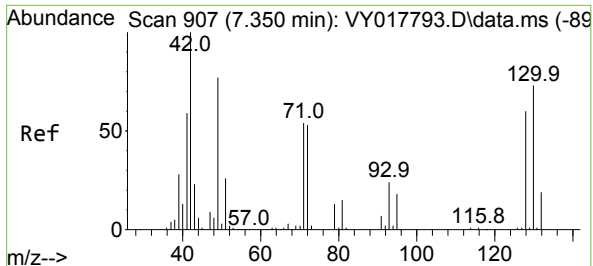


#28
 Bromochloromethane
 Concen: 20.560 ug/l
 RT: 7.344 min Scan# 906
 Delta R.T. 0.012 min
 Lab File: VY017843.D
 Acq: 04 Apr 2024 10:26

Tgt Ion: 49 Resp: 23085

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	87.4	72.7	109.1





#29

Tetrahydrofuran

Concen: 96.313 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.012 min

Lab File: VY017843.D

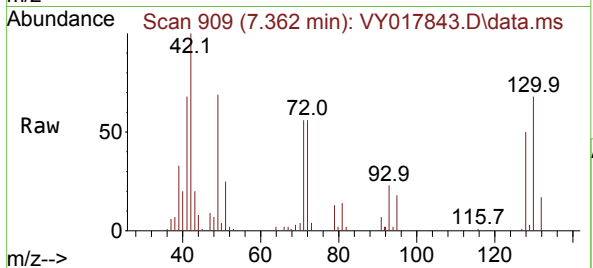
Acq: 04 Apr 2024 10:26

Instrument :

MSVOA_Y

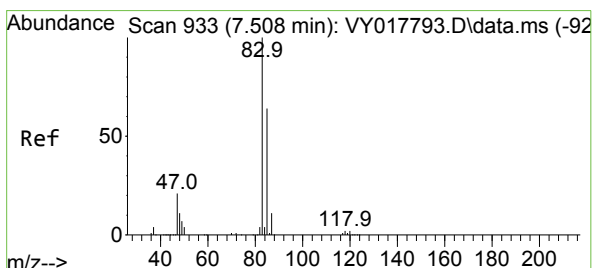
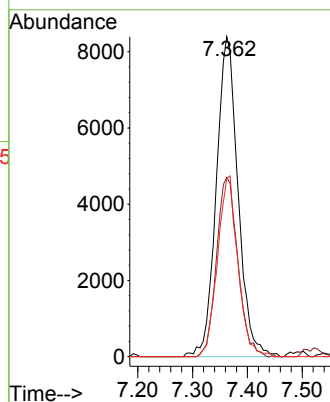
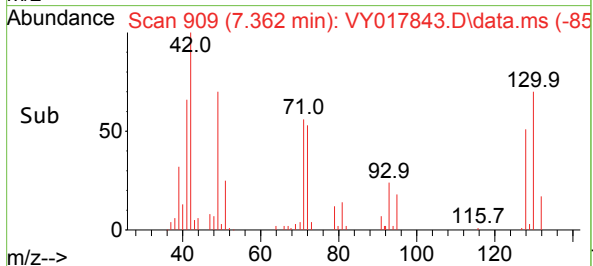
ClientSampleId :

VY0404SBS01



Tgt Ion: 42 Resp: 23142

Ion	Ratio	Lower	Upper
42	100		
72	54.9	43.0	64.4
71	53.0	40.8	61.2



#30

Chloroform

Concen: 20.748 ug/l

RT: 7.515 min Scan# 934

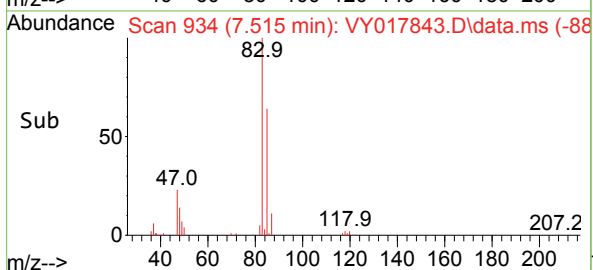
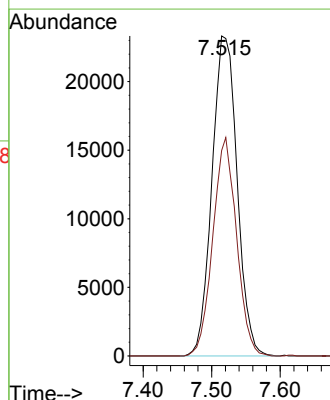
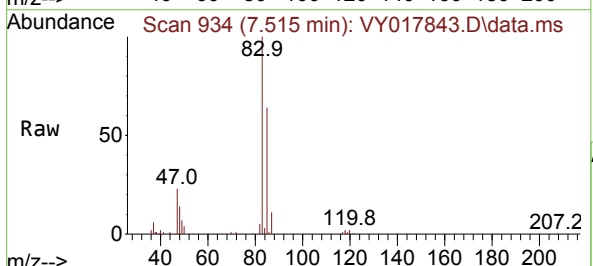
Delta R.T. 0.006 min

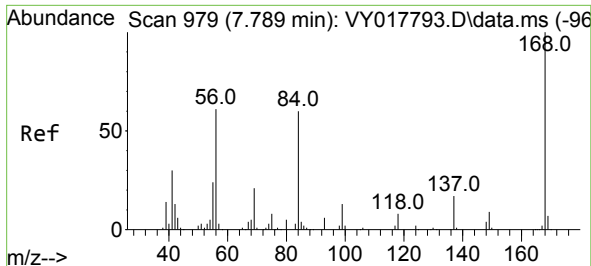
Lab File: VY017843.D

Acq: 04 Apr 2024 10:26

Tgt Ion: 83 Resp: 59438

Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.2	78.4

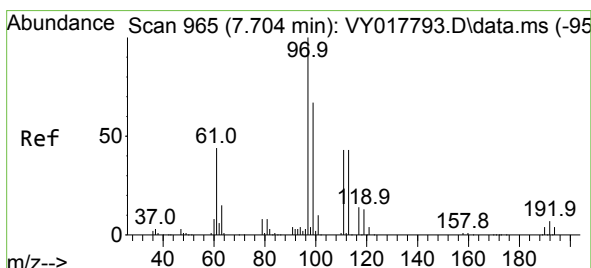
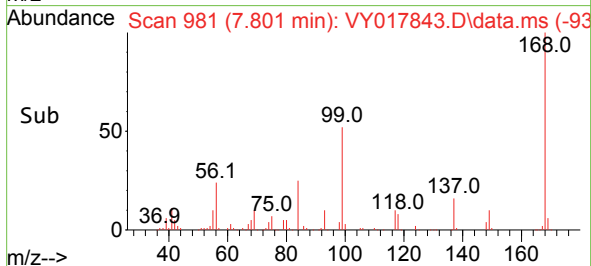
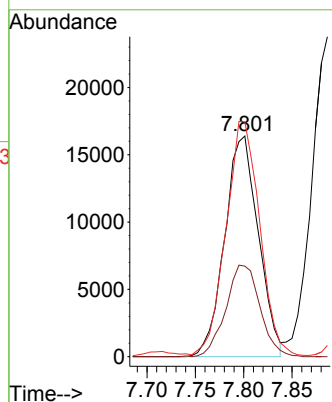
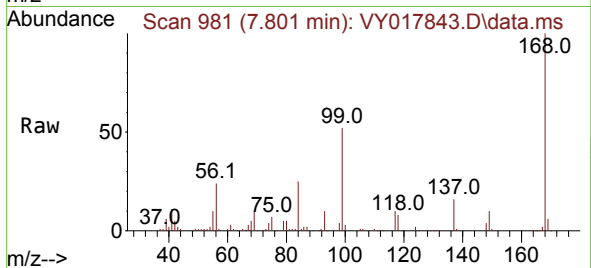




#31
Cyclohexane
Concen: 16.608 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY017843.D
Acq: 04 Apr 2024 10:26

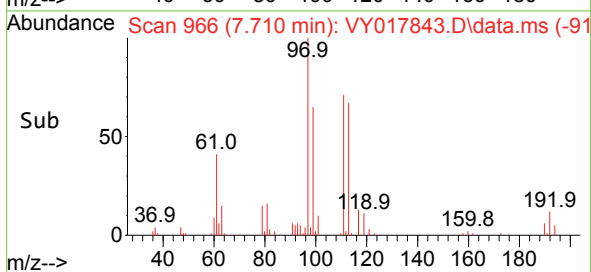
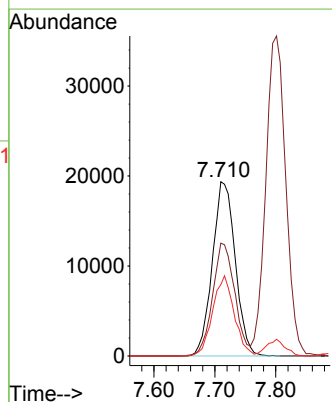
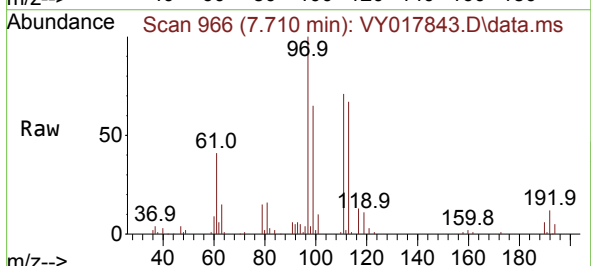
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

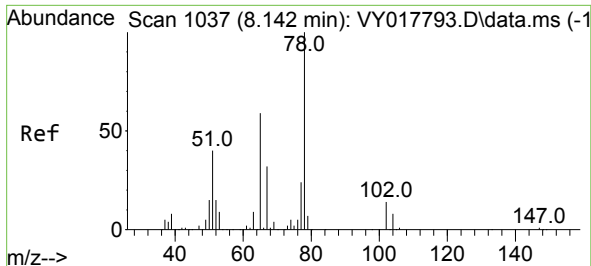
Tgt Ion: 56 Resp: 39786
Ion Ratio Lower Upper
56 100
69 41.1 28.7 43.1
84 105.3 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 20.733 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY017843.D
Acq: 04 Apr 2024 10:26

Tgt Ion: 97 Resp: 50552
Ion Ratio Lower Upper
97 100
99 62.8 50.3 75.5
61 43.3 32.6 48.8

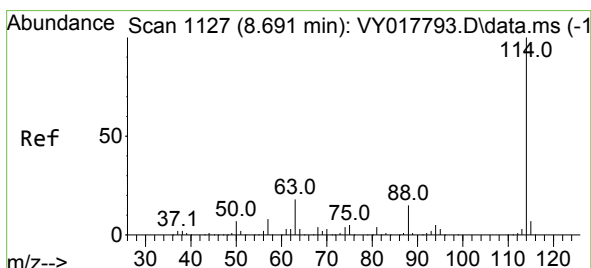
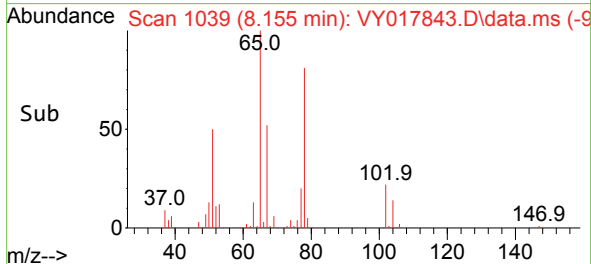
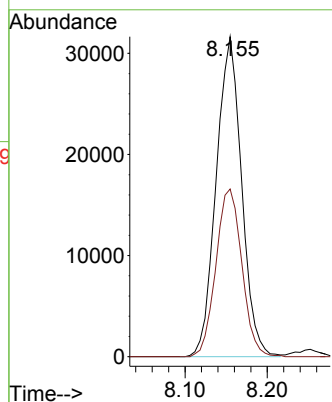
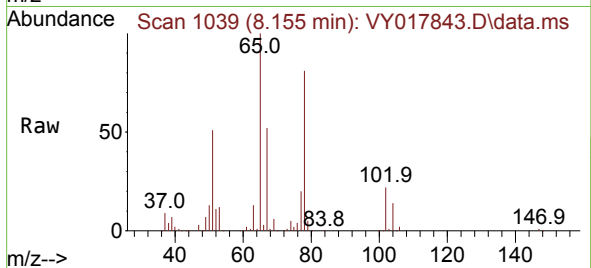




#33
 1,2-Dichloroethane-d4
 Concen: 49.962 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. 0.012 min
 Lab File: VY017843.D
 Acq: 04 Apr 2024 10:26

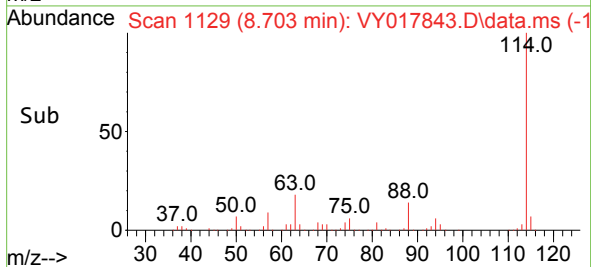
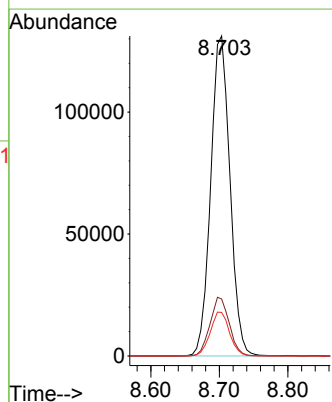
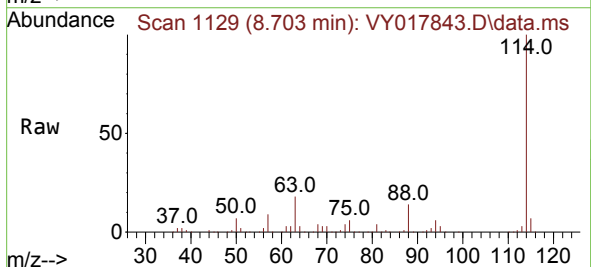
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0404SBS01

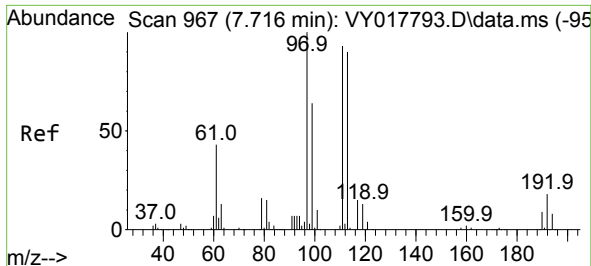
Tgt Ion: 65 Resp: 67943
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. 0.012 min
 Lab File: VY017843.D
 Acq: 04 Apr 2024 10:26

Tgt Ion: 114 Resp: 255841
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 35.0
 88 13.6 0.0 27.2

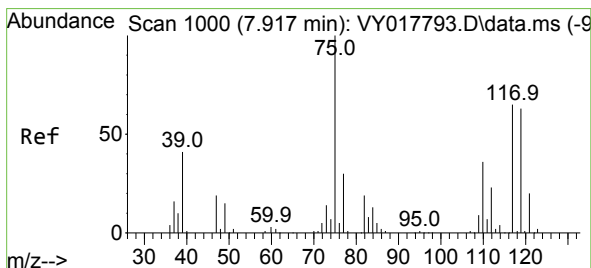
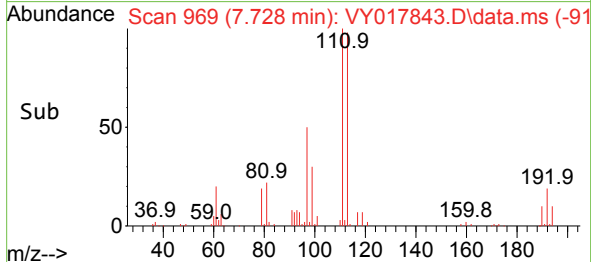
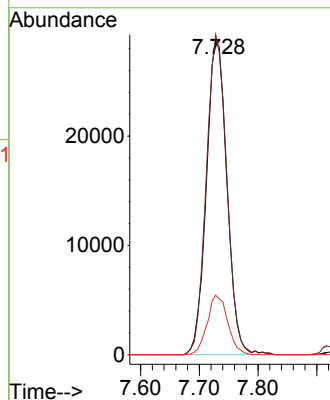
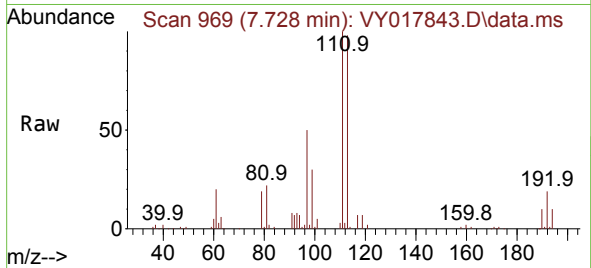




#35
Dibromofluoromethane
Concen: 47.407 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017843.D
Acq: 04 Apr 2024 10:26

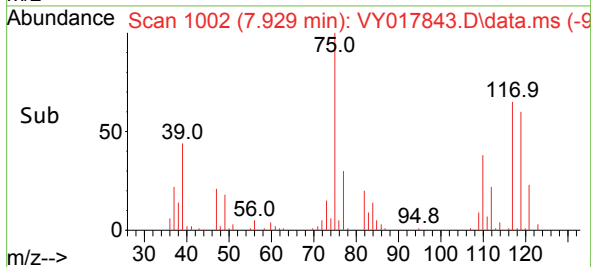
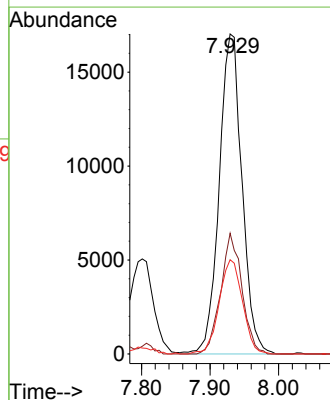
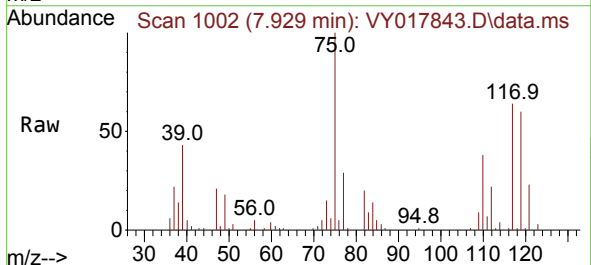
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBSD01

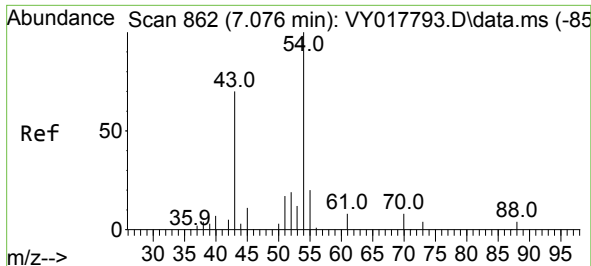
Tgt Ion:113 Resp: 70084
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.4
192 18.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 18.199 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.012 min
Lab File: VY017843.D
Acq: 04 Apr 2024 10:26

Tgt Ion: 75 Resp: 39256
Ion Ratio Lower Upper
75 100
110 35.2 19.0 57.0
77 30.1 25.3 37.9

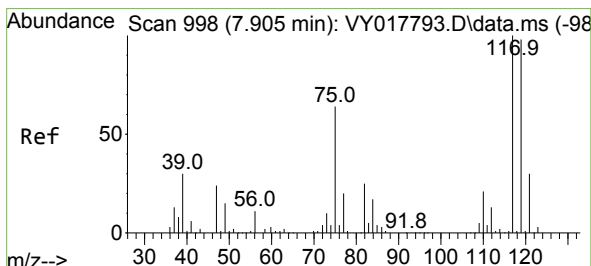
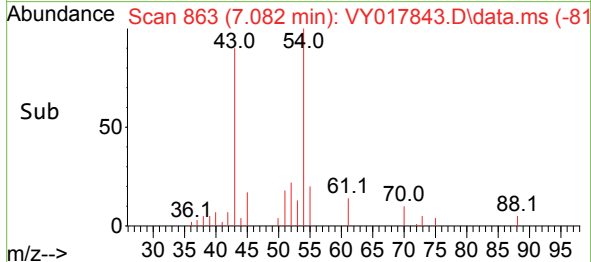
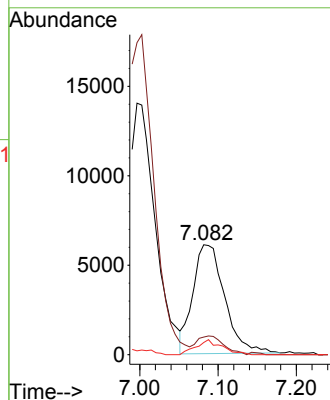
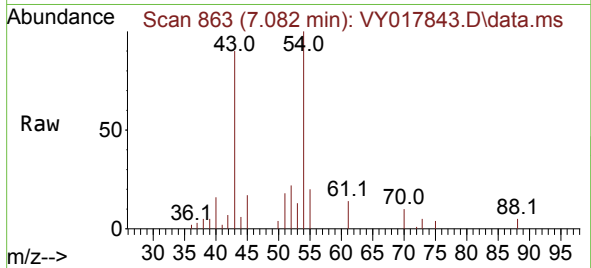




#37
Ethyl Acetate
Concen: 18.383 ug/l
RT: 7.082 min Scan# 862
Delta R.T. 0.006 min
Lab File: VY017843.D
Acq: 04 Apr 2024 10:26

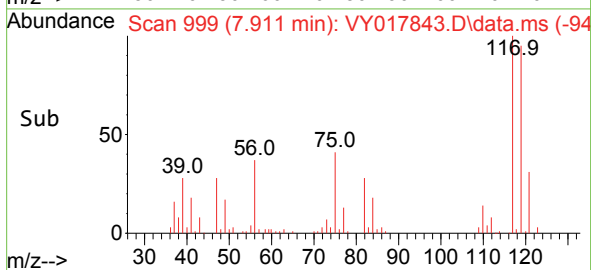
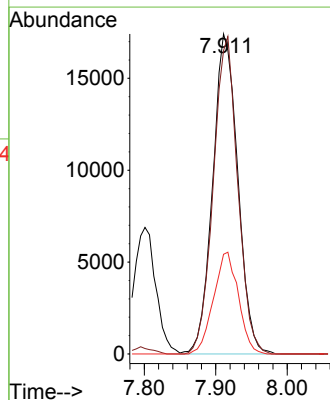
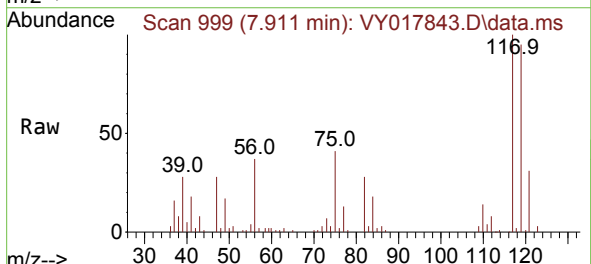
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBSD01

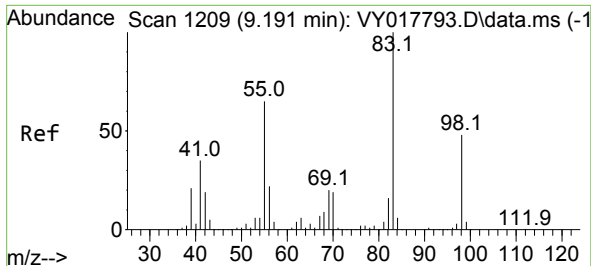
Tgt Ion: 43 Resp: 17112
Ion Ratio Lower Upper
43 100
61 14.7 12.6 19.0
70 11.2 7.8 11.8



#38
Carbon Tetrachloride
Concen: 18.989 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.006 min
Lab File: VY017843.D
Acq: 04 Apr 2024 10:26

Tgt Ion: 117 Resp: 42521
Ion Ratio Lower Upper
117 100
119 94.8 75.8 113.6
121 31.2 24.0 36.0





#39

Methylcyclohexane

Concen: 16.296 ug/l

RT: 9.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017843.D

Acq: 04 Apr 2024 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBSD01

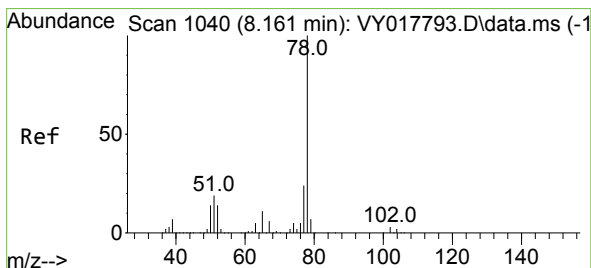
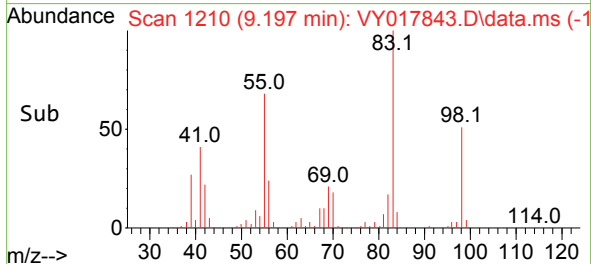
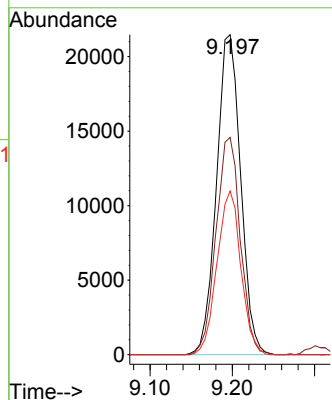
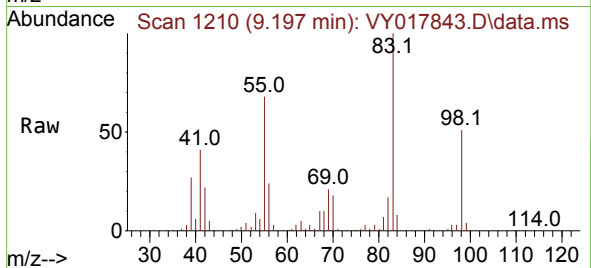
Tgt Ion: 83 Resp: 43907

Ion Ratio Lower Upper

83 100

55 67.9 51.5 77.3

98 51.1 40.5 60.7



#40

Benzene

Concen: 18.639 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.012 min

Lab File: VY017843.D

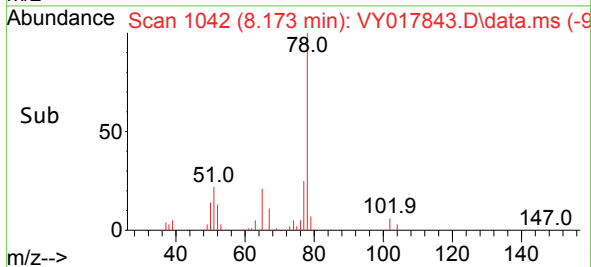
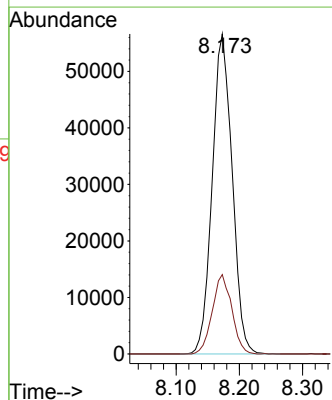
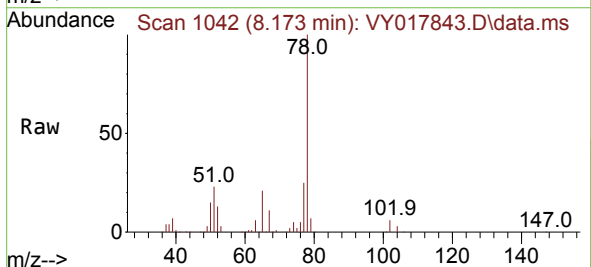
Acq: 04 Apr 2024 10:26

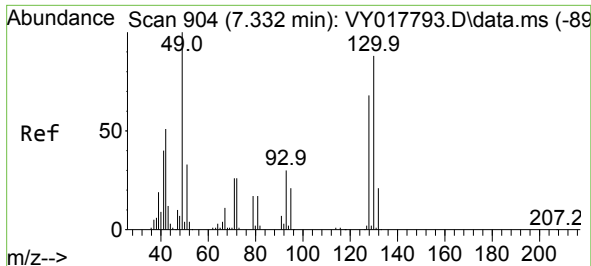
Tgt Ion: 78 Resp: 123904

Ion Ratio Lower Upper

78 100

77 24.8 19.5 29.3

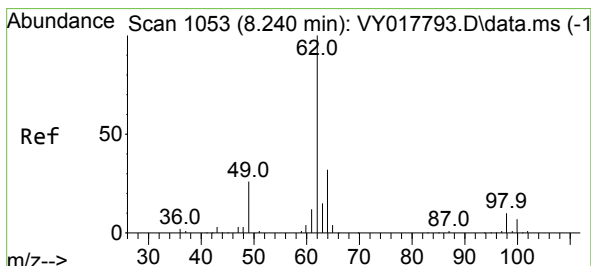
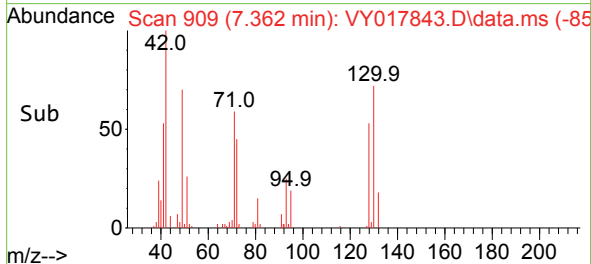
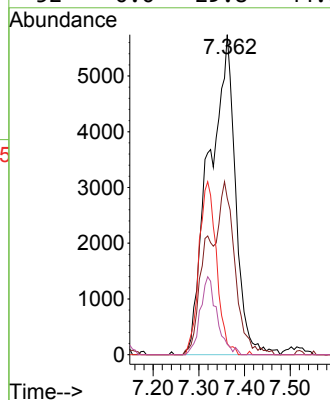
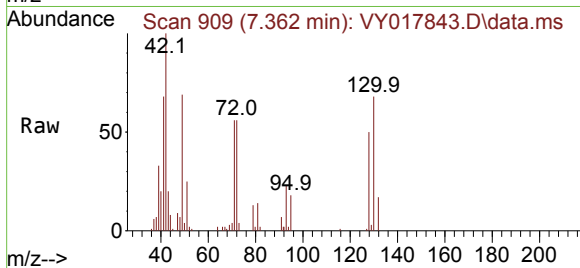




#41
Methacrylonitrile
Concen: 44.167 ug/l
RT: 7.362 min Scan# 904
Delta R.T. 0.030 min
Lab File: VY017843.D
Acq: 04 Apr 2024 10:26

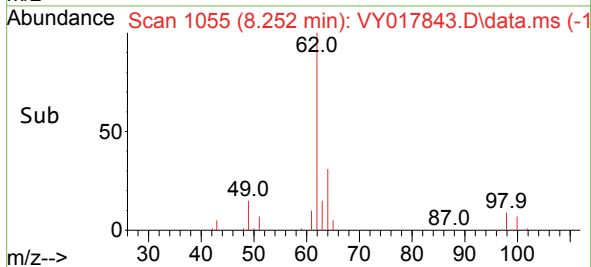
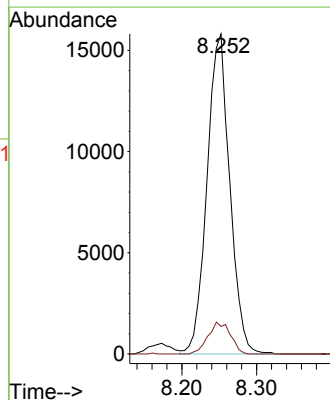
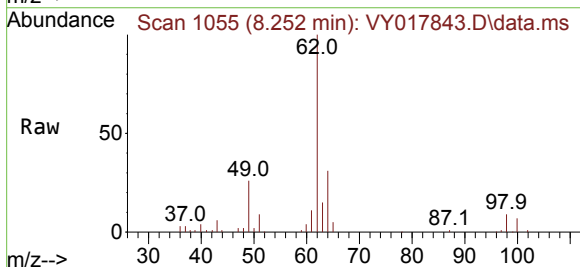
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBSD01

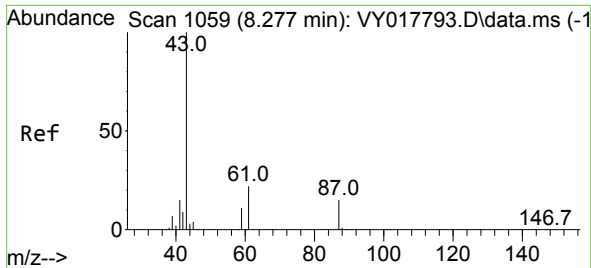
Tgt Ion: 41 Resp: 22987
Ion Ratio Lower Upper
41 100
39 35.9 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 20.475 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.012 min
Lab File: VY017843.D
Acq: 04 Apr 2024 10:26

Tgt Ion: 62 Resp: 33501
Ion Ratio Lower Upper
62 100
98 9.8 0.0 22.0

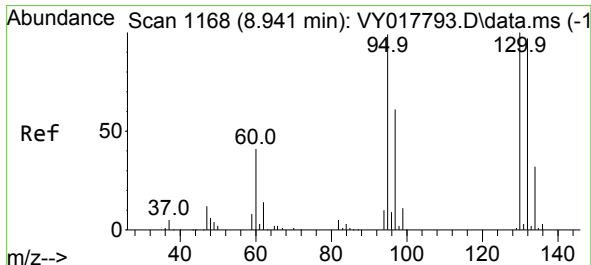
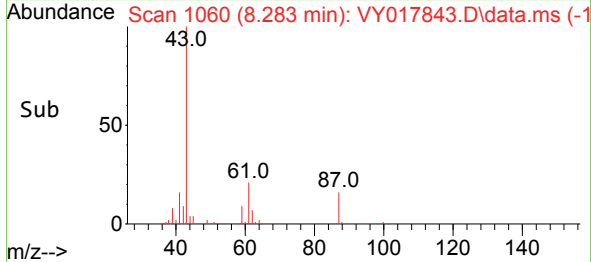
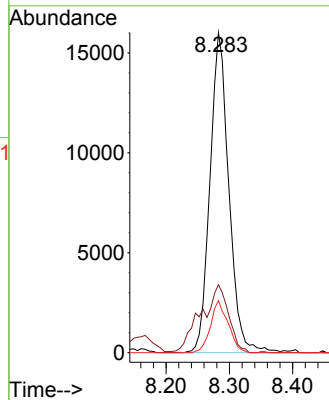
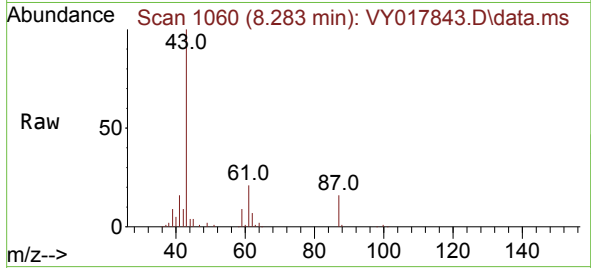




#43
Isopropyl Acetate
Concen: 19.668 ug/l
RT: 8.283 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VY017843.D
Acq: 04 Apr 2024 10:26

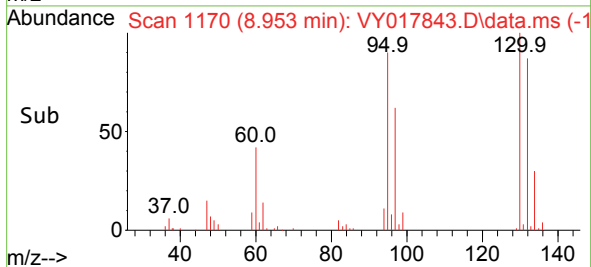
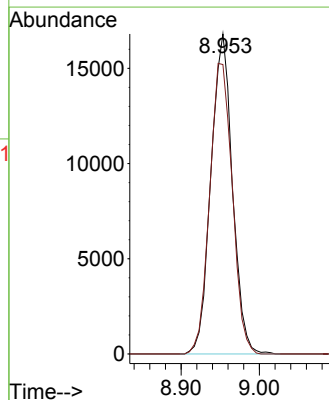
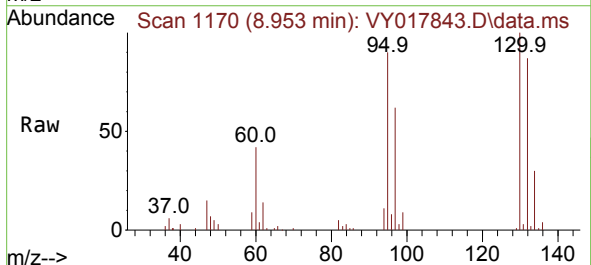
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBSD01

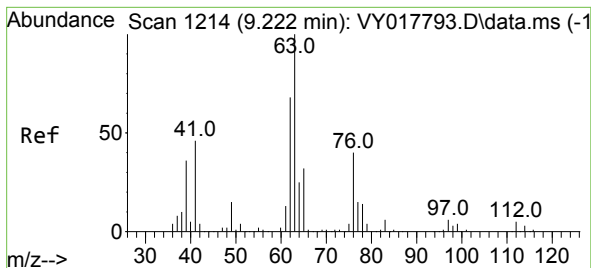
Tgt Ion:	43	Resp:	33226
Ion	Ratio	Lower	Upper
43	100		
61	31.1	27.9	41.9
87	15.2	13.1	19.7



#44
Trichloroethene
Concen: 18.505 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.012 min
Lab File: VY017843.D
Acq: 04 Apr 2024 10:26

Tgt Ion:	130	Resp:	32004
Ion	Ratio	Lower	Upper
130	100		
95	90.5	0.0	188.0





#45

1,2-Dichloropropane

Concen: 18.761 ug/l

RT: 9.228 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017843.D

Acq: 04 Apr 2024 10:26

Instrument :

MSVOA_Y

ClientSampleId :

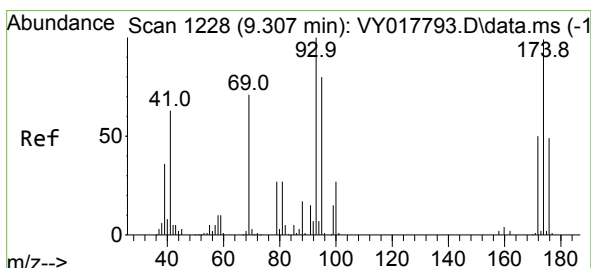
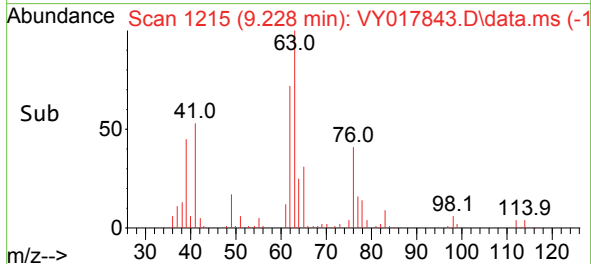
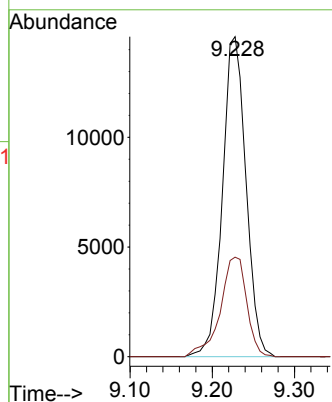
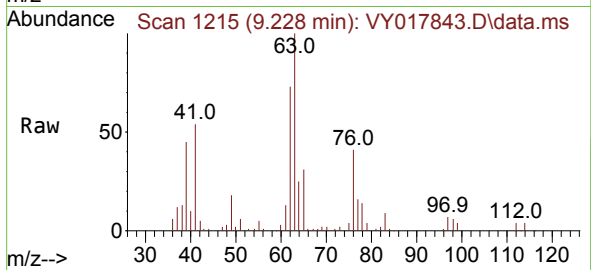
VY0404SBS01

Tgt Ion: 63 Resp: 28980

Ion Ratio Lower Upper

63 100

65 31.1 25.4 38.2



#46

Dibromomethane

Concen: 20.557 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.012 min

Lab File: VY017843.D

Acq: 04 Apr 2024 10:26

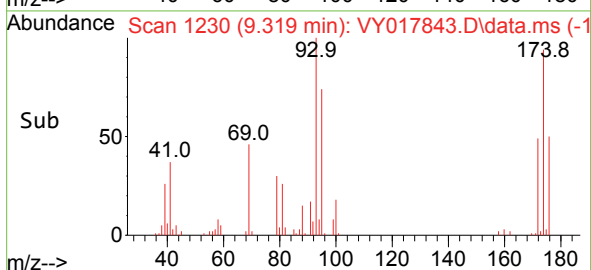
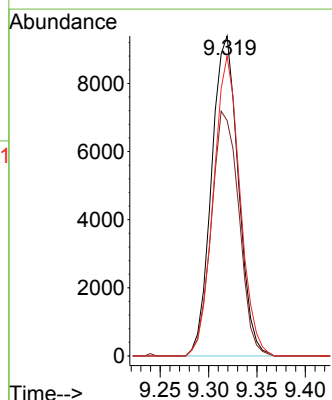
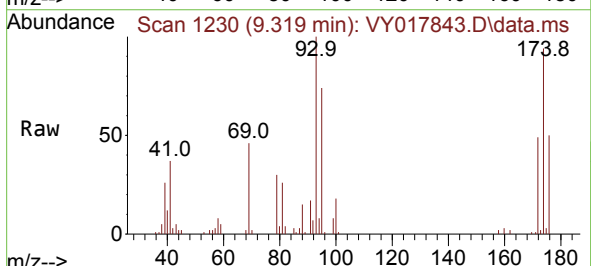
Tgt Ion: 93 Resp: 18041

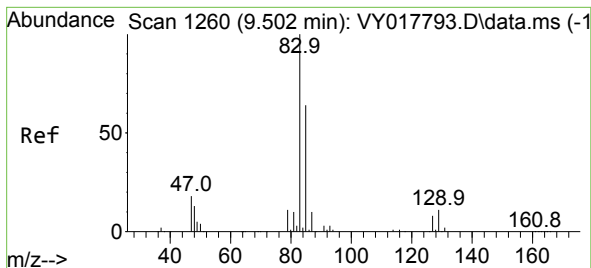
Ion Ratio Lower Upper

93 100

95 78.8 66.2 99.4

174 92.9 80.9 121.3





#47

Bromodichloromethane

Concen: 20.709 ug/l

RT: 9.508 min Scan# 1260

Delta R.T. 0.006 min

Lab File: VY017843.D

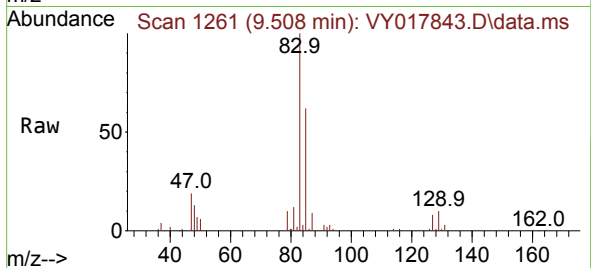
Acq: 04 Apr 2024 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBS01



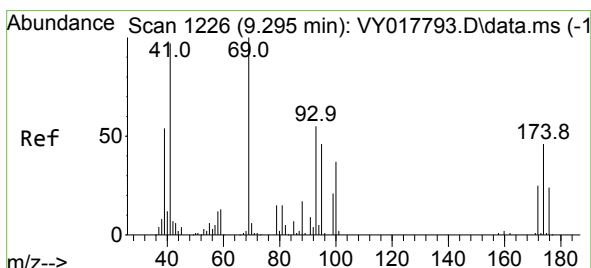
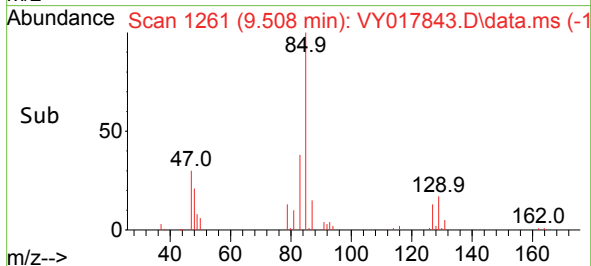
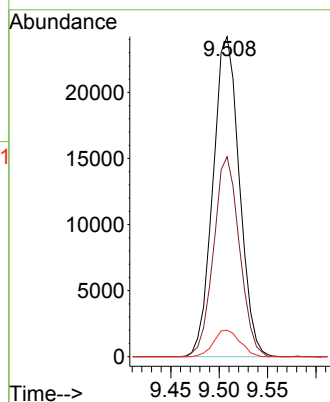
Tgt Ion: 83 Resp: 45921

Ion Ratio Lower Upper

83 100

85 62.4 50.1 75.1

127 8.3 7.4 11.0



#48

Methyl methacrylate

Concen: 20.541 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.012 min

Lab File: VY017843.D

Acq: 04 Apr 2024 10:26

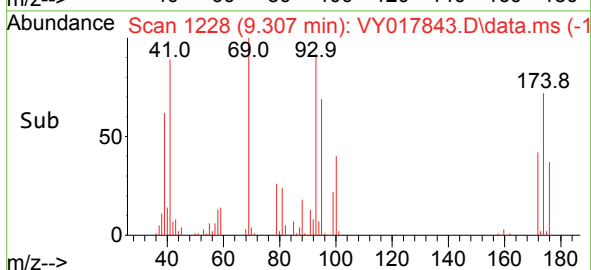
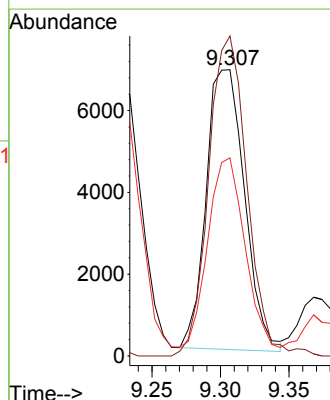
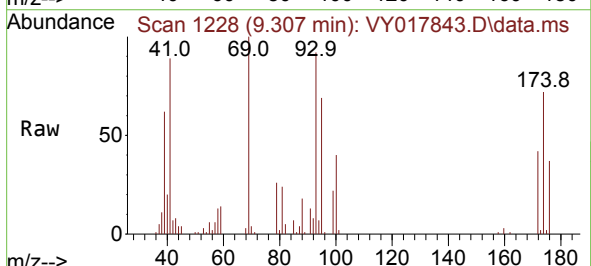
Tgt Ion: 41 Resp: 13336

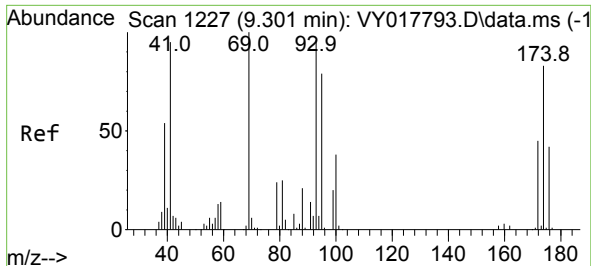
Ion Ratio Lower Upper

41 100

69 114.5 84.1 126.1

39 65.0 43.6 65.4





#49

1,4-Dioxane

Concen: 361.351 ug/l

RT: 9.313 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017843.D

Acq: 04 Apr 2024 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBS01

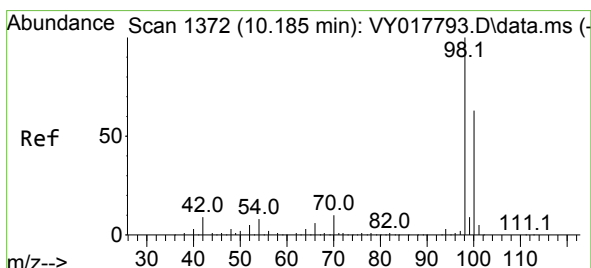
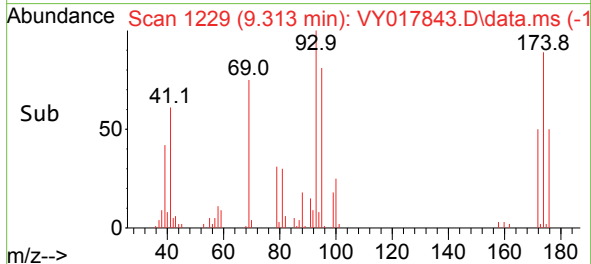
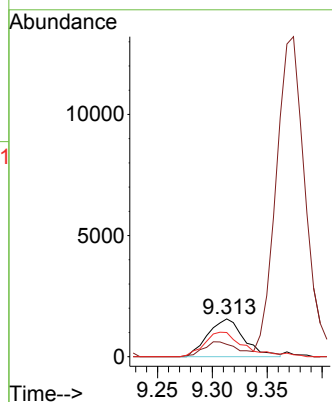
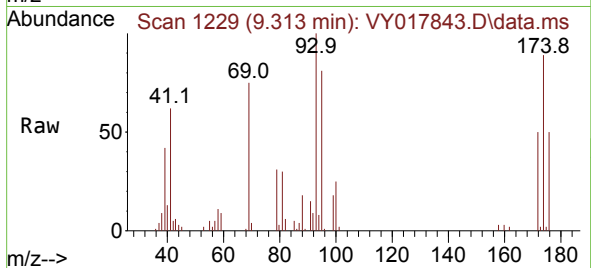
Tgt Ion: 88 Resp: 3560

Ion Ratio Lower Upper

88 100

43 33.0 0.0 0.0#

58 72.0 49.3 73.9



#50

Toluene-d8

Concen: 46.060 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY017843.D

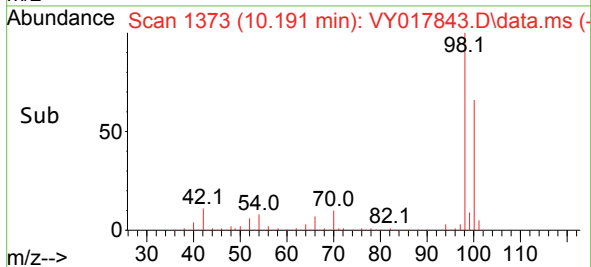
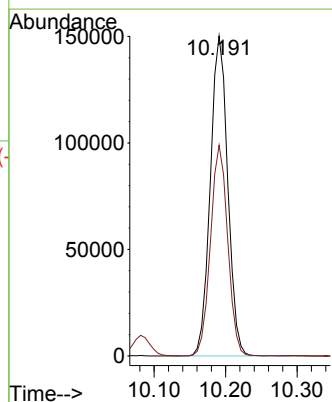
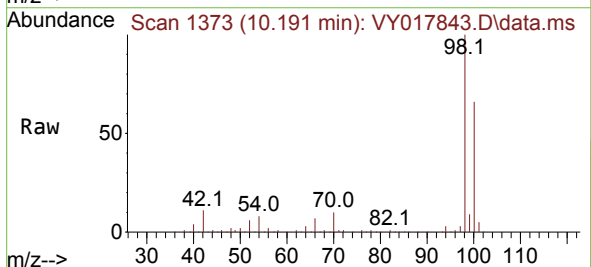
Acq: 04 Apr 2024 10:26

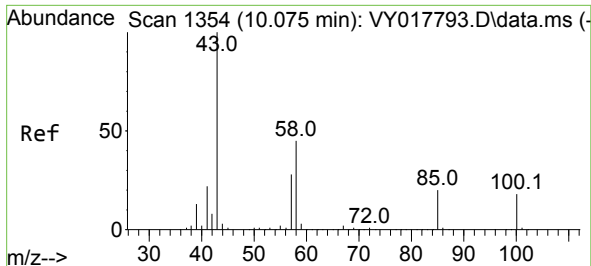
Tgt Ion: 98 Resp: 254359

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 114.029 ug/l

RT: 10.081 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017843.D

Acq: 04 Apr 2024 10:26

Instrument :

MSVOA_Y

ClientSampleId :

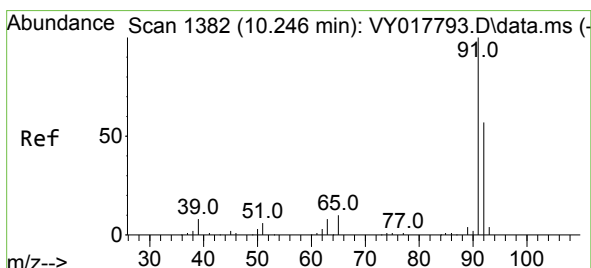
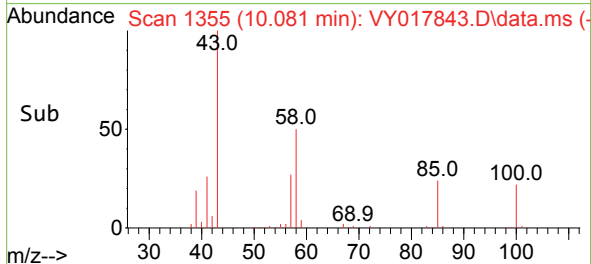
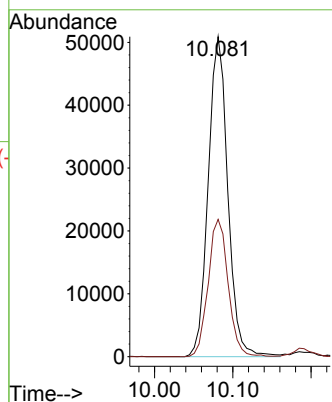
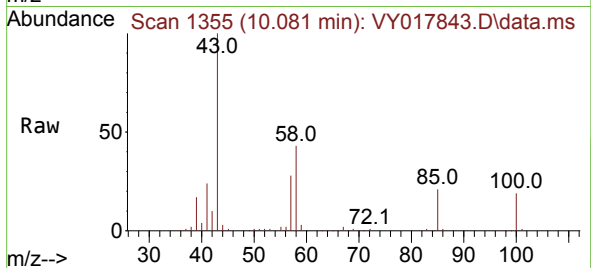
VY0404SBS01

Tgt Ion: 43 Resp: 88395

Ion Ratio Lower Upper

43 100

58 43.9 35.7 53.5



#52

Toluene

Concen: 18.809 ug/l

RT: 10.258 min Scan# 1384

Delta R.T. 0.012 min

Lab File: VY017843.D

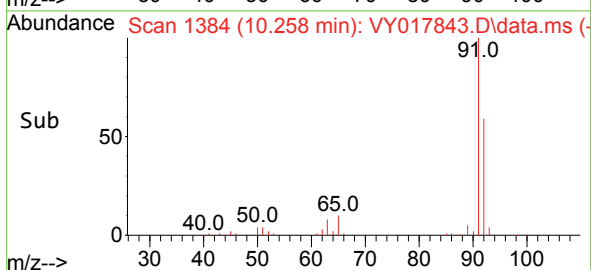
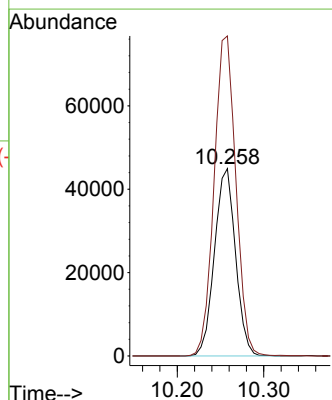
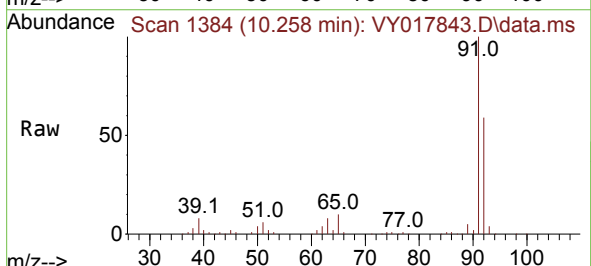
Acq: 04 Apr 2024 10:26

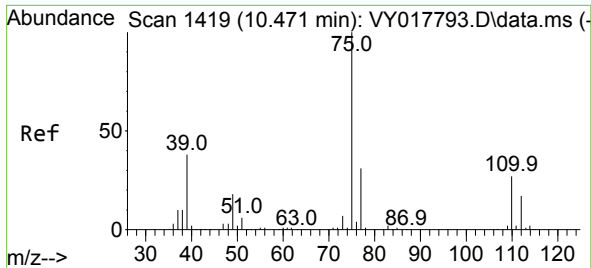
Tgt Ion: 92 Resp: 75842

Ion Ratio Lower Upper

92 100

91 176.7 139.0 208.6

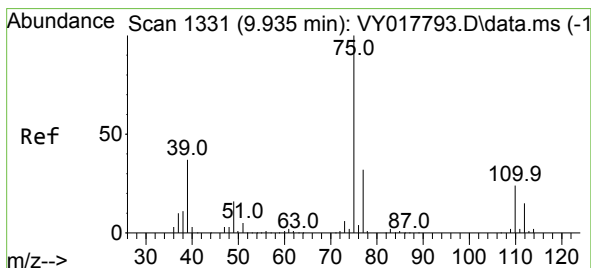
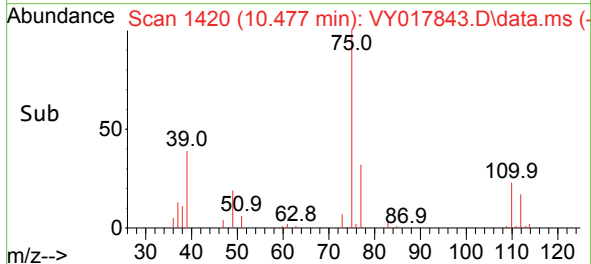
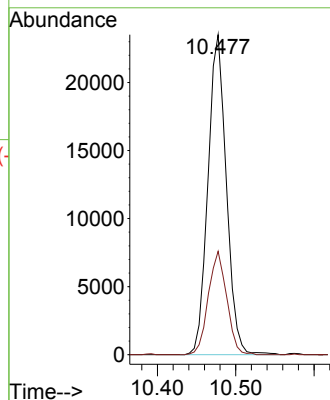
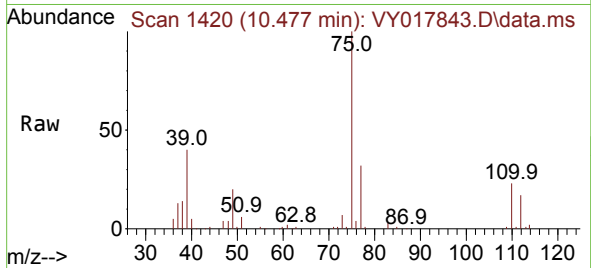




#53
t-1,3-Dichloropropene
Concen: 19.466 ug/l
RT: 10.477 min Scan# 1419
Delta R.T. 0.006 min
Lab File: VY017843.D
Acq: 04 Apr 2024 10:26

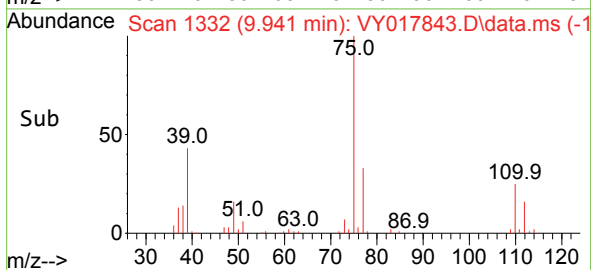
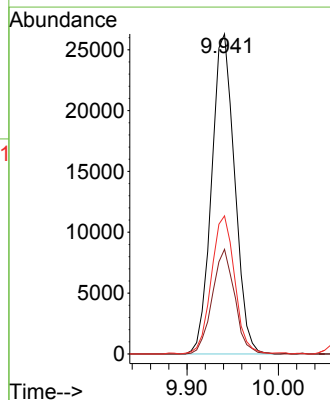
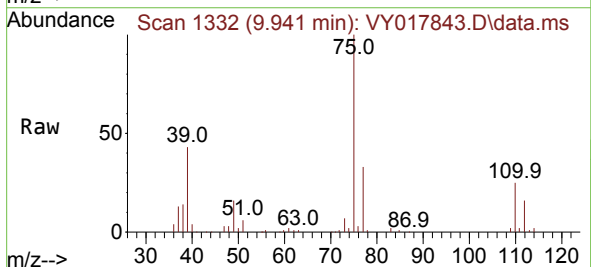
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

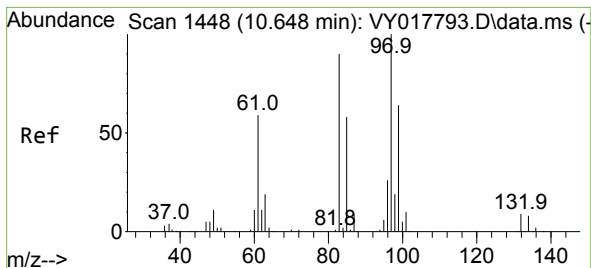
Tgt Ion: 75 Resp: 38327
Ion Ratio Lower Upper
75 100
77 32.3 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 19.156 ug/l
RT: 9.941 min Scan# 1332
Delta R.T. 0.006 min
Lab File: VY017843.D
Acq: 04 Apr 2024 10:26

Tgt Ion: 75 Resp: 46032
Ion Ratio Lower Upper
75 100
77 32.7 25.4 38.0
39 43.2 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 20.450 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. 0.006 min

Lab File: VY017843.D

Acq: 04 Apr 2024 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBSD01

Tgt Ion: 97 Resp: 23914

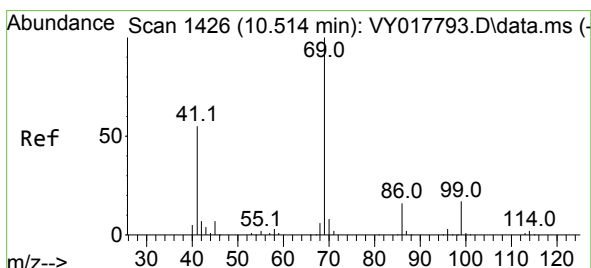
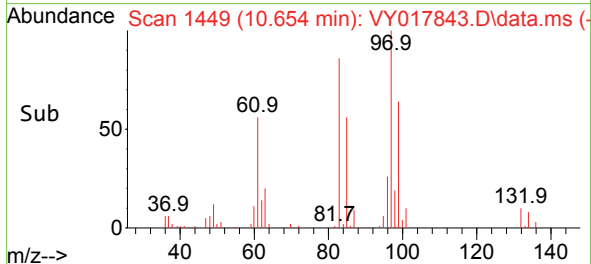
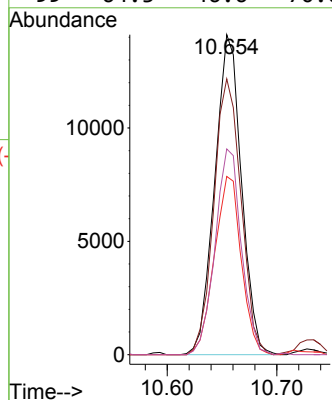
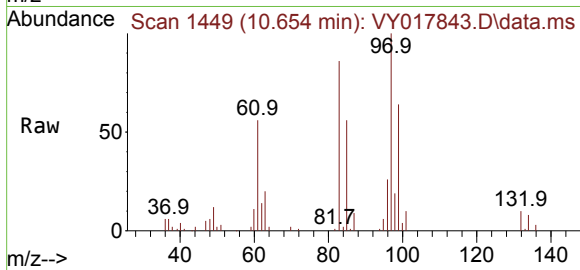
Ion Ratio Lower Upper

97 100

83 86.2 67.5 101.3

85 55.7 42.9 64.3

99 64.3 46.6 70.0



#56

Ethyl methacrylate

Concen: 21.906 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.006 min

Lab File: VY017843.D

Acq: 04 Apr 2024 10:26

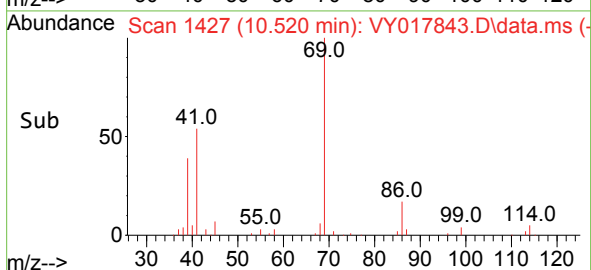
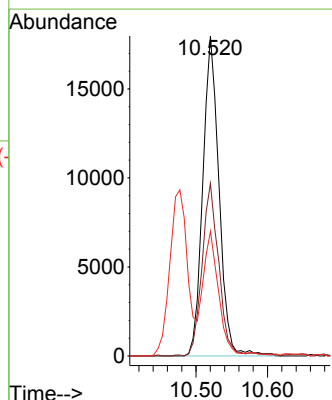
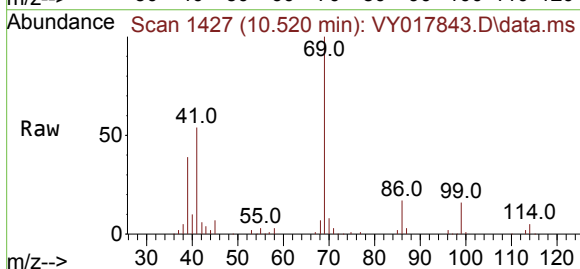
Tgt Ion: 69 Resp: 28326

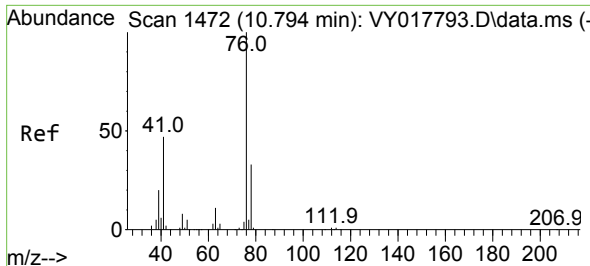
Ion Ratio Lower Upper

69 100

41 55.1 42.3 63.5

39 34.8 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 19.982 ug/l

RT: 10.801 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VY017843.D

Acq: 04 Apr 2024 10:26

Instrument :

MSVOA_Y

ClientSampleId :

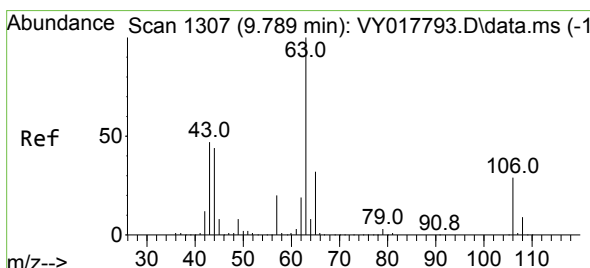
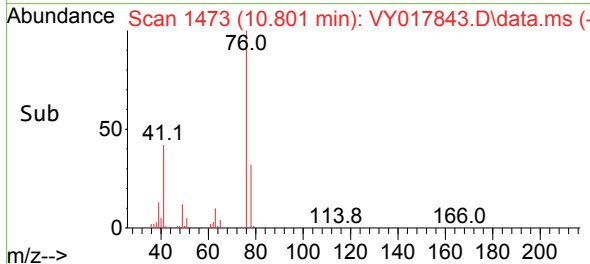
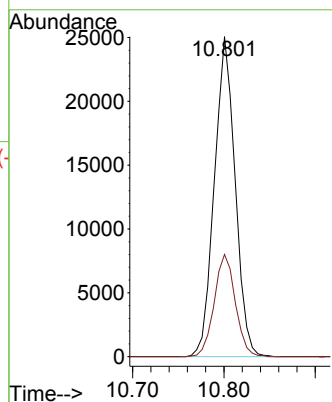
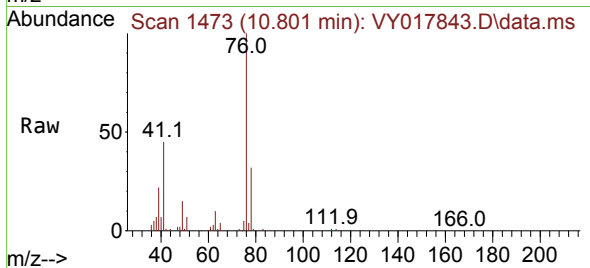
VY0404SBSD01

Tgt Ion: 76 Resp: 39520

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 119.078 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. 0.006 min

Lab File: VY017843.D

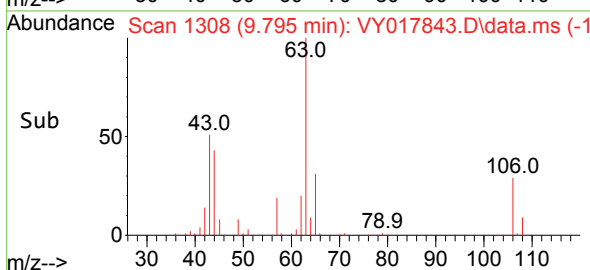
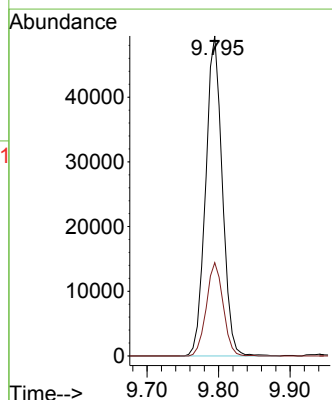
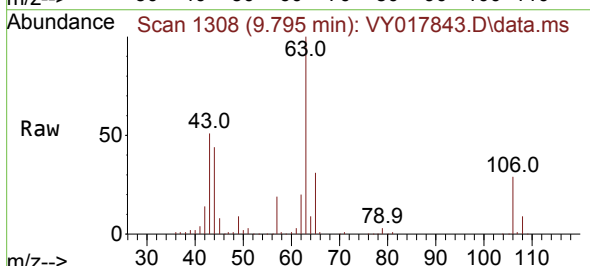
Acq: 04 Apr 2024 10:26

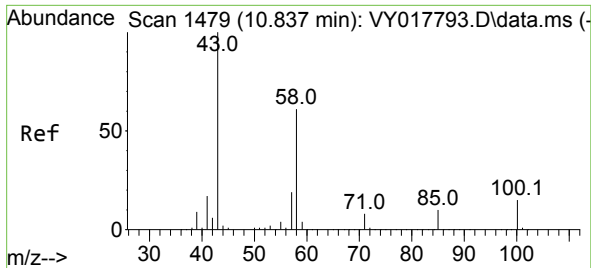
Tgt Ion: 63 Resp: 79990

Ion Ratio Lower Upper

63 100

106 29.4 23.7 35.5

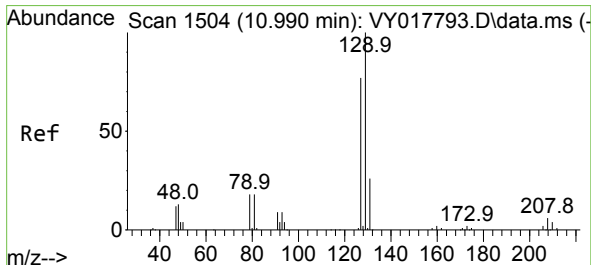
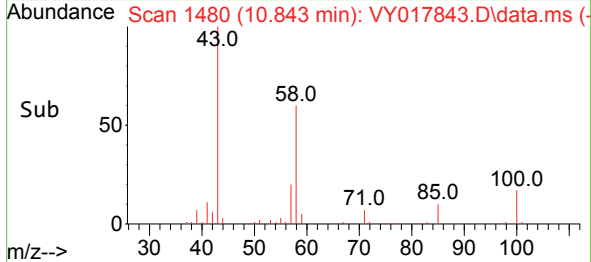
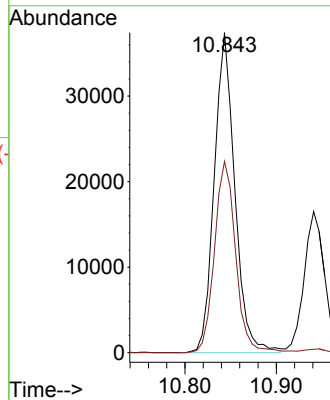
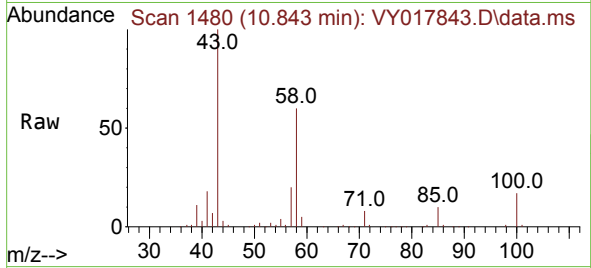




#59
2-Hexanone
Concen: 108.645 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY017843.D
Acq: 04 Apr 2024 10:26

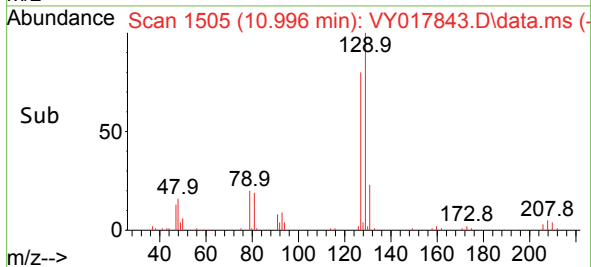
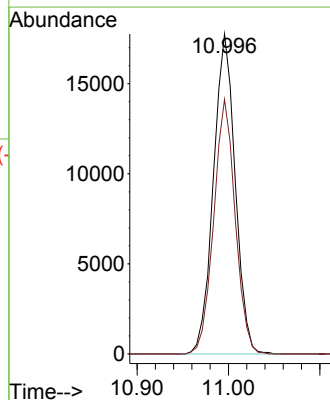
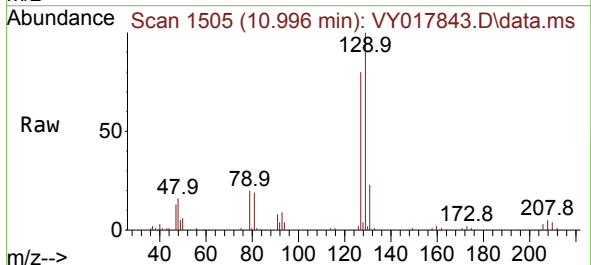
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBSD01

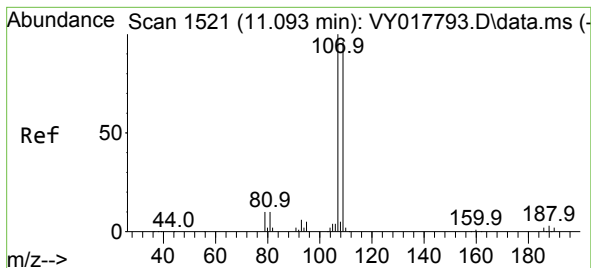
Tgt Ion: 43 Resp: 58472
Ion Ratio Lower Upper
43 100
58 61.5 31.4 94.0



#60
Dibromochloromethane
Concen: 19.938 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.006 min
Lab File: VY017843.D
Acq: 04 Apr 2024 10:26

Tgt Ion: 129 Resp: 29406
Ion Ratio Lower Upper
129 100
127 78.4 39.0 117.0





#61

1,2-Dibromoethane

Concen: 19.788 ug/l

RT: 11.099 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017843.D

Acq: 04 Apr 2024 10:26

Instrument :

MSVOA_Y

ClientSampleId :

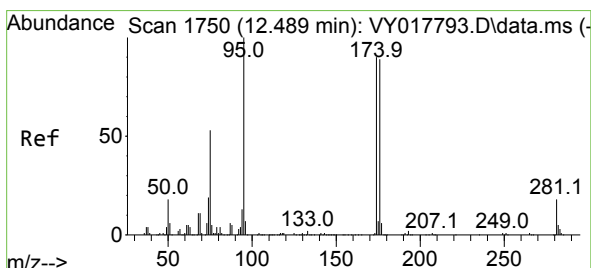
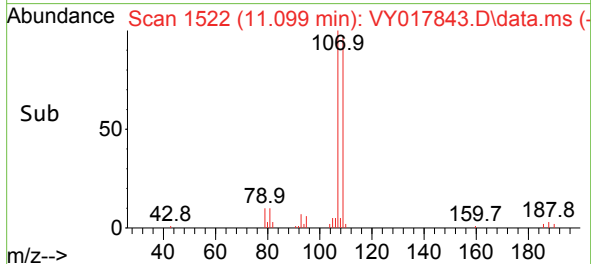
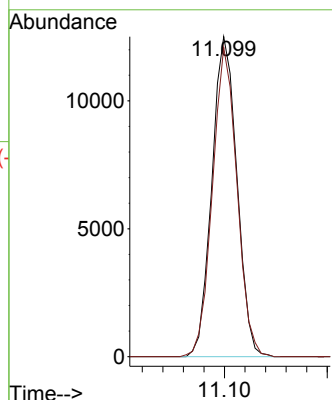
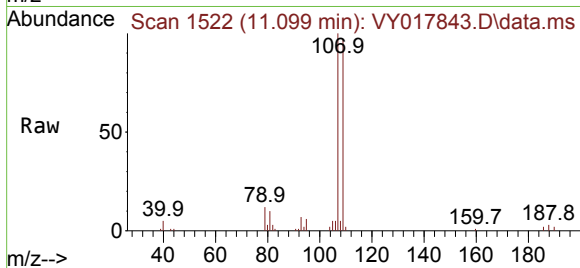
VY0404SBS01

Tgt Ion:107 Resp: 21100

Ion Ratio Lower Upper

107 100

109 94.8 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 44.333 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY017843.D

Acq: 04 Apr 2024 10:26

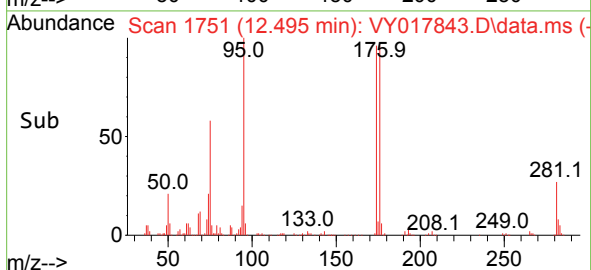
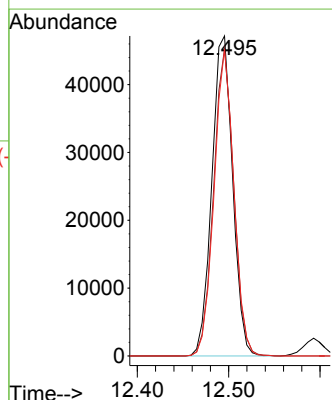
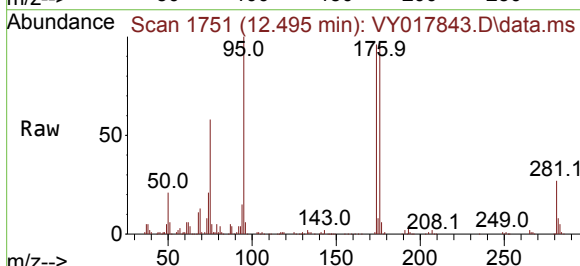
Tgt Ion: 95 Resp: 74487

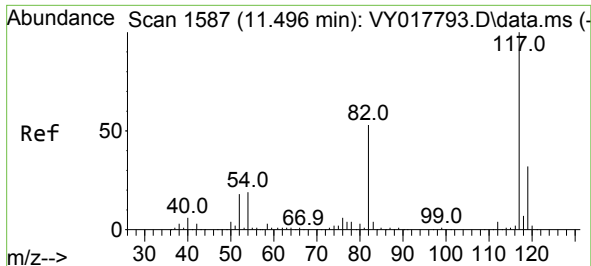
Ion Ratio Lower Upper

95 100

174 93.0 0.0 175.6

176 91.1 0.0 171.4

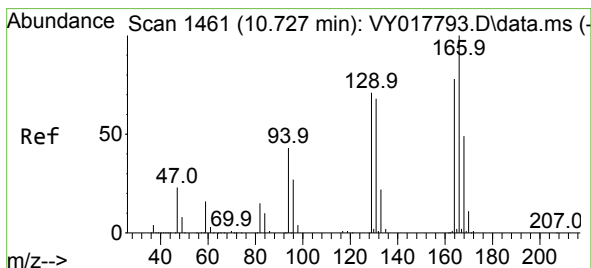
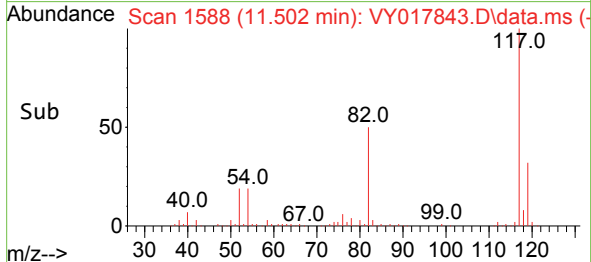
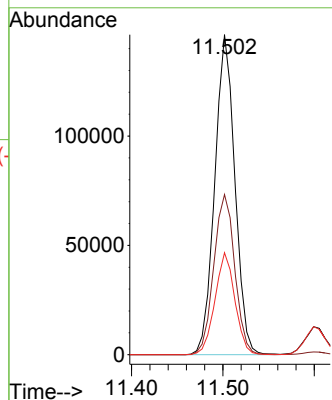
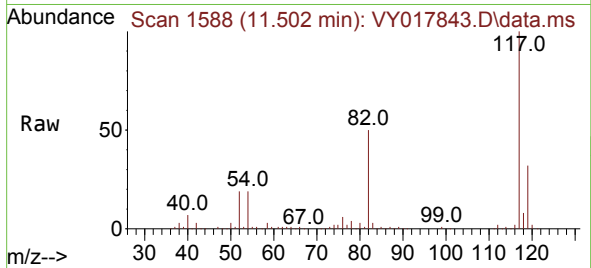




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017843.D
Acq: 04 Apr 2024 10:26

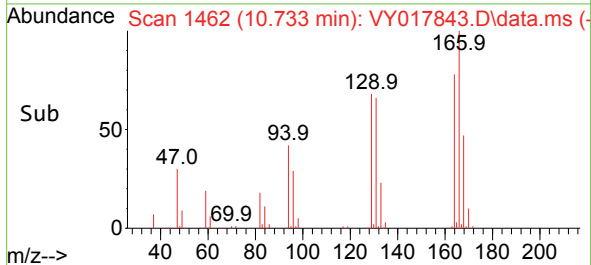
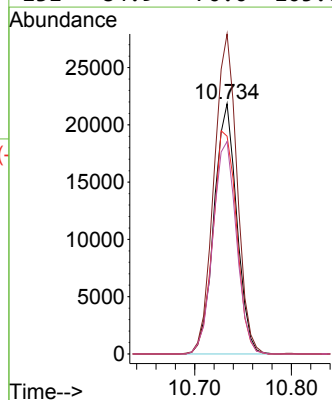
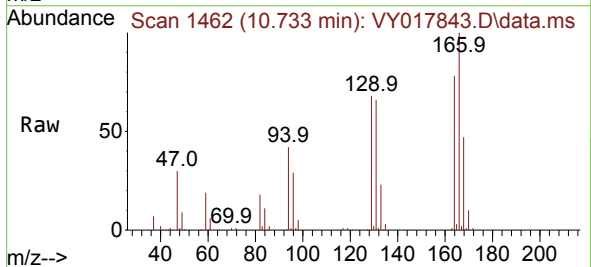
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

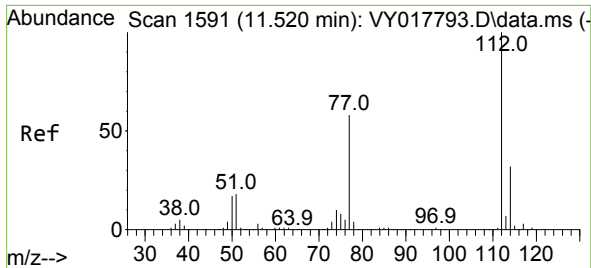
Tgt Ion:117 Resp: 224370
Ion Ratio Lower Upper
117 100
82 50.0 42.4 63.6
119 31.9 25.9 38.9



#64
Tetrachloroethene
Concen: 18.218 ug/l
RT: 10.733 min Scan# 1462
Delta R.T. 0.006 min
Lab File: VY017843.D
Acq: 04 Apr 2024 10:26

Tgt Ion:164 Resp: 35652
Ion Ratio Lower Upper
164 100
166 127.9 102.6 154.0
129 87.0 72.0 108.0
131 84.9 70.0 105.0

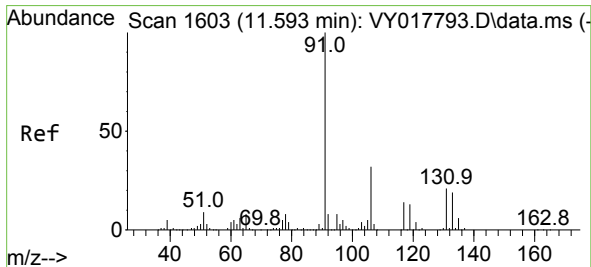
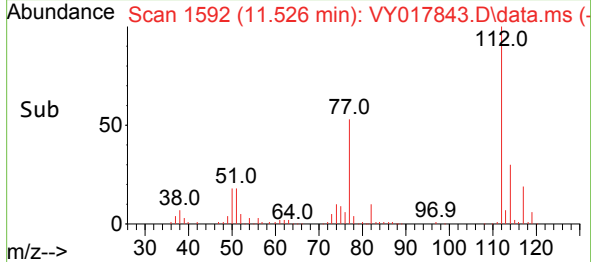
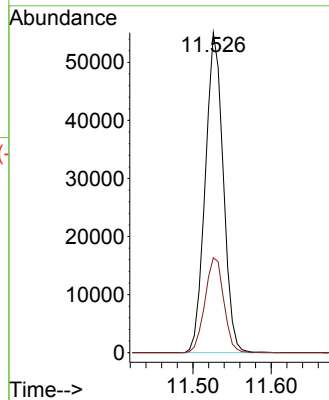
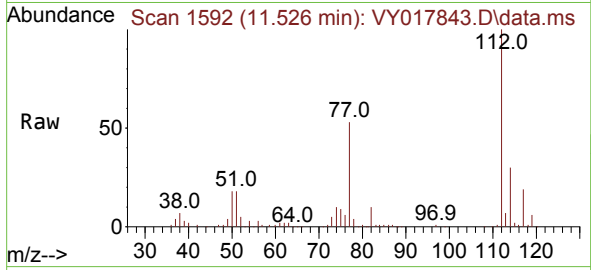




#65
Chlorobenzene
Concen: 19.040 ug/l
RT: 11.526 min Scan# 111
Delta R.T. 0.006 min
Lab File: VY017843.D
Acq: 04 Apr 2024 10:26

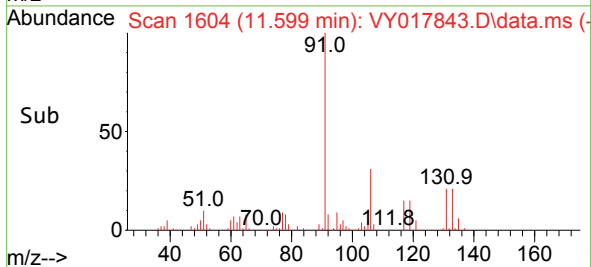
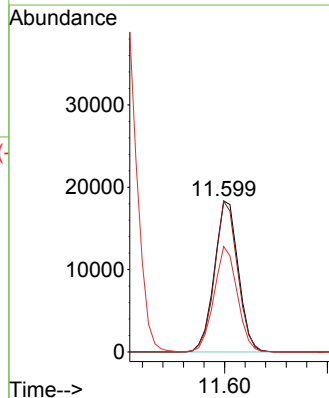
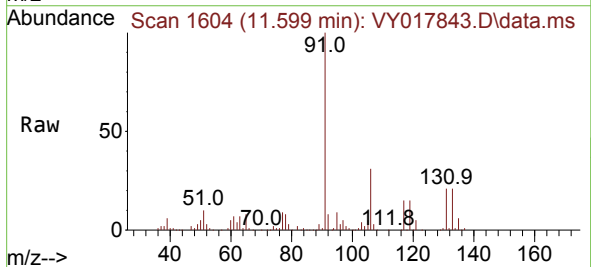
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBSD01

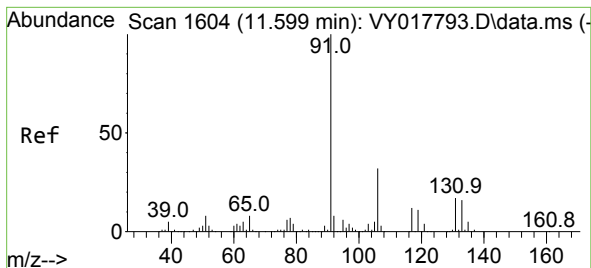
Tgt Ion:112 Resp: 87633
Ion Ratio Lower Upper
112 100
114 29.7 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 18.936 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY017843.D
Acq: 04 Apr 2024 10:26

Tgt Ion:131 Resp: 29593
Ion Ratio Lower Upper
131 100
133 95.9 47.8 143.3
119 67.9 34.1 102.2





#67

Ethyl Benzene

Concen: 18.243 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY017843.D

Acq: 04 Apr 2024 10:26

Instrument :

MSVOA_Y

ClientSampleId :

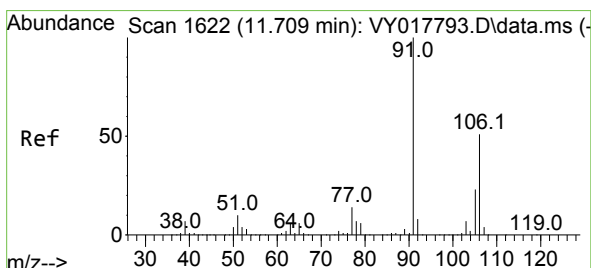
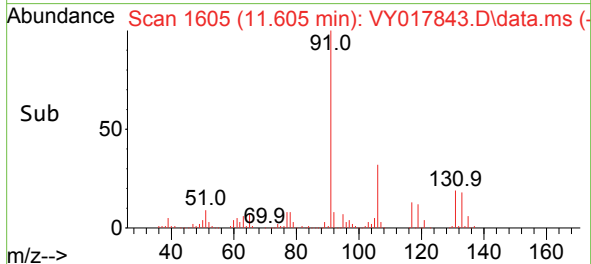
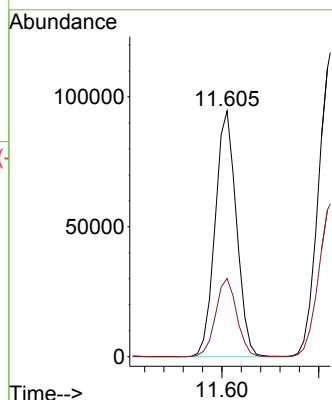
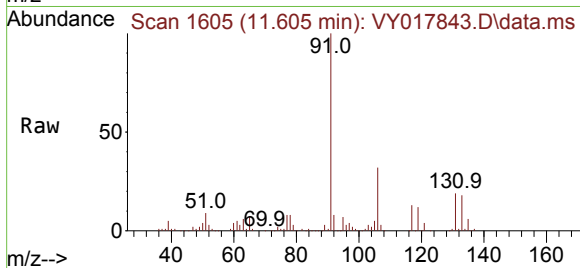
VY0404SBS01

Tgt Ion: 91 Resp: 144344

Ion Ratio Lower Upper

91 100

106 31.8 24.5 36.7



#68

m/p-Xylenes

Concen: 36.943 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY017843.D

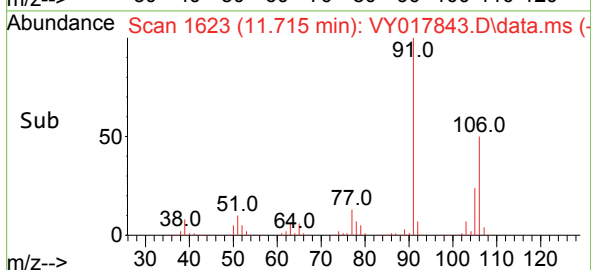
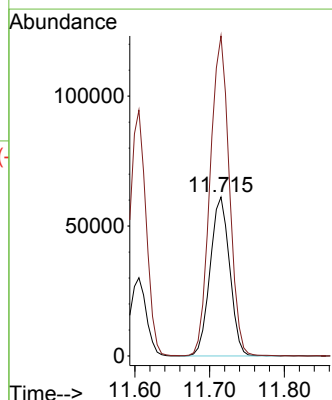
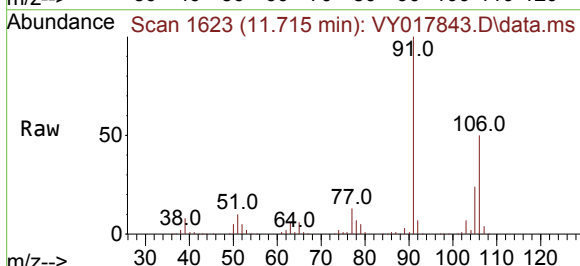
Acq: 04 Apr 2024 10:26

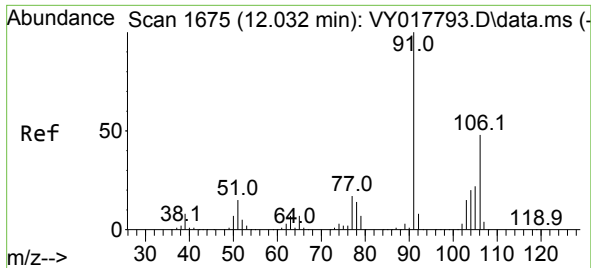
Tgt Ion: 106 Resp: 110853

Ion Ratio Lower Upper

106 100

91 198.3 156.0 234.0

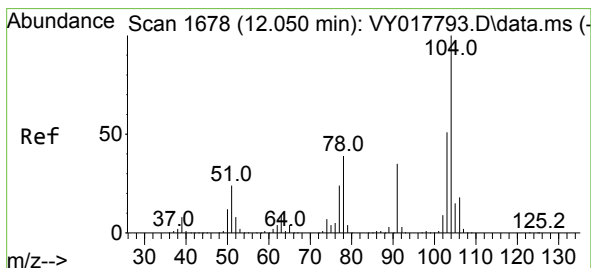
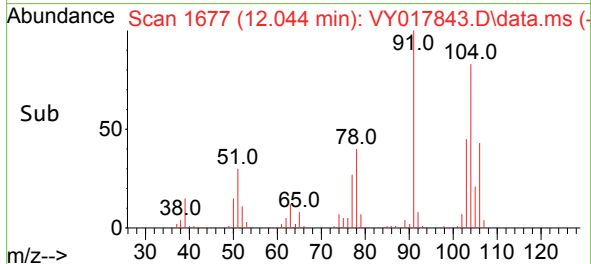
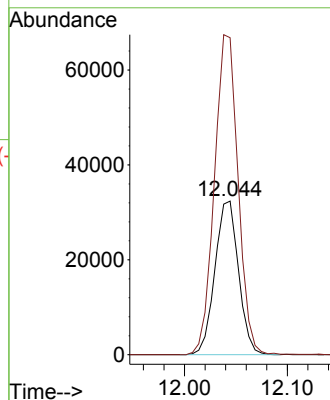
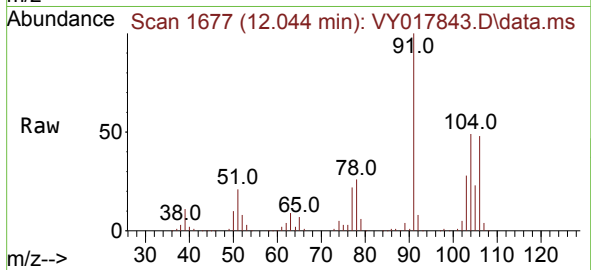




#69
o-Xylene
Concen: 22.121 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.012 min
Lab File: VY017843.D
Acq: 04 Apr 2024 10:26

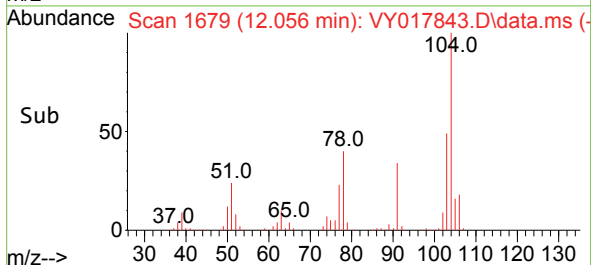
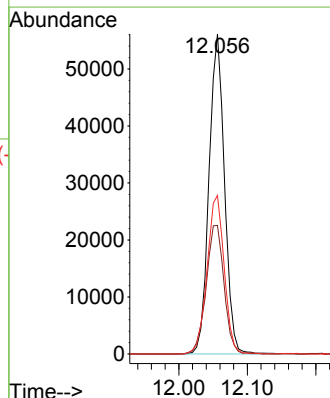
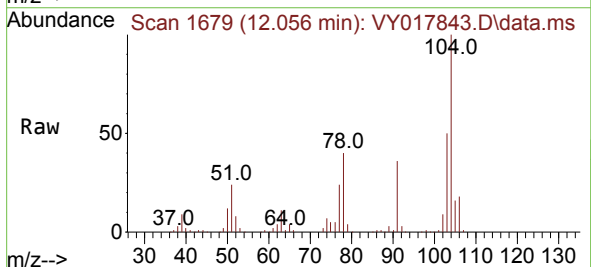
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

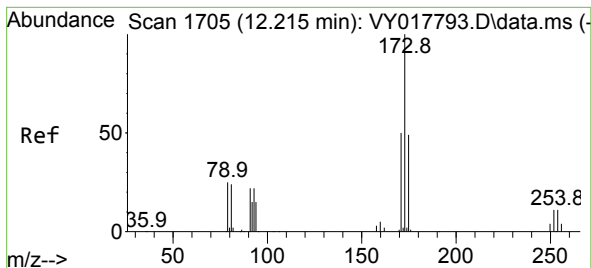
Tgt Ion:106 Resp: 51500
Ion Ratio Lower Upper
106 100
91 209.3 103.6 310.8



#70
Styrene
Concen: 22.226 ug/l
RT: 12.056 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY017843.D
Acq: 04 Apr 2024 10:26

Tgt Ion:104 Resp: 88173
Ion Ratio Lower Upper
104 100
78 46.4 37.0 55.4
103 54.9 44.2 66.2





#71

Bromoform

Concen: 19.977 ug/l

RT: 12.221 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017843.D

Acq: 04 Apr 2024 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBS01

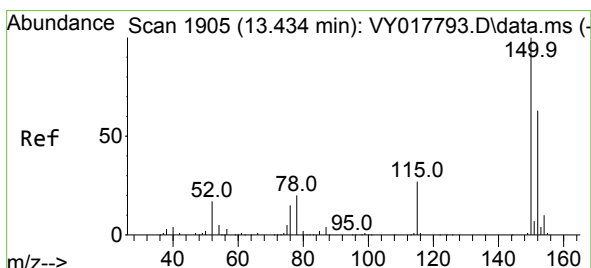
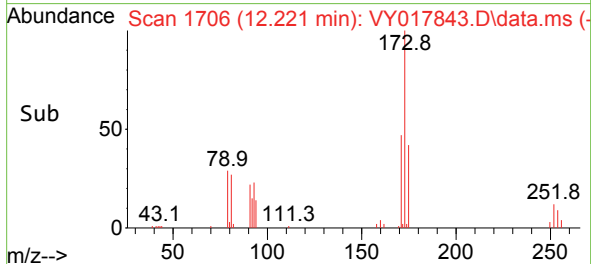
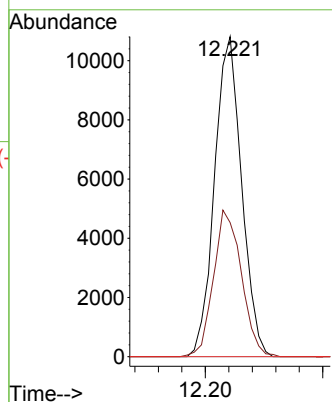
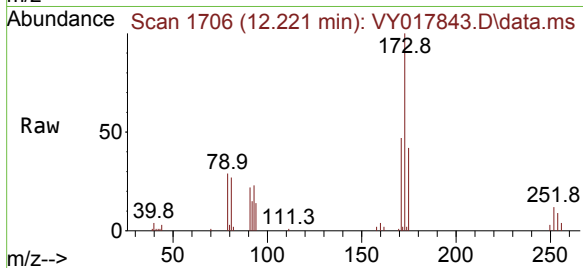
Tgt Ion:173 Resp: 17305

Ion Ratio Lower Upper

173 100

175 47.1 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY017843.D

Acq: 04 Apr 2024 10:26

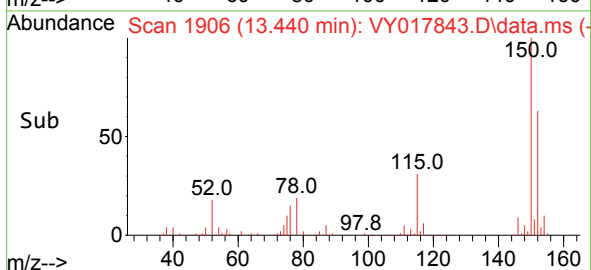
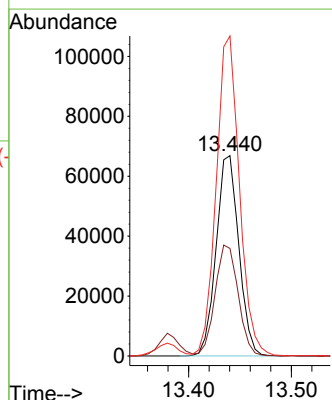
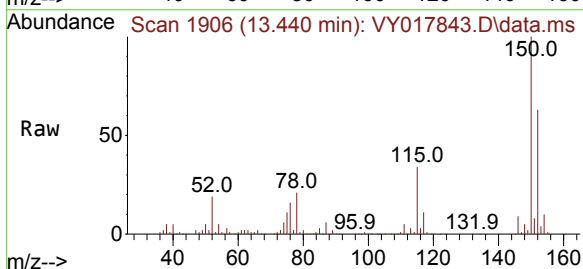
Tgt Ion:152 Resp: 102456

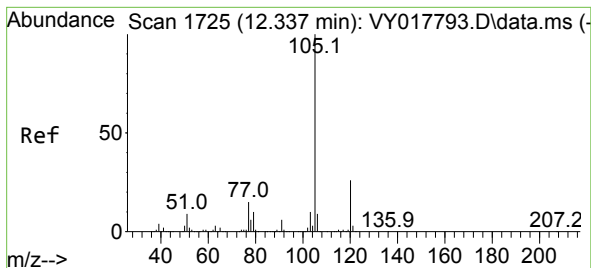
Ion Ratio Lower Upper

152 100

115 56.5 28.2 84.7

150 163.0 0.0 345.6





#73

Isopropylbenzene

Concen: 19.330 ug/l

RT: 12.343 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017843.D

Acq: 04 Apr 2024 10:26

Instrument :

MSVOA_Y

ClientSampleId :

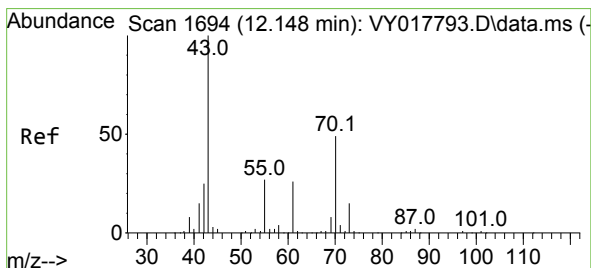
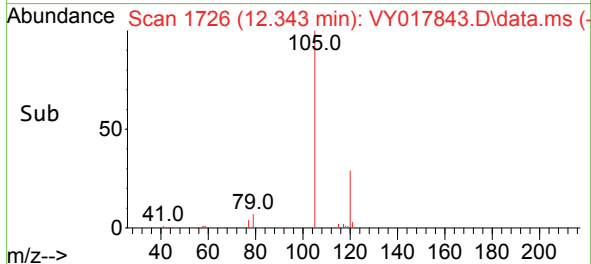
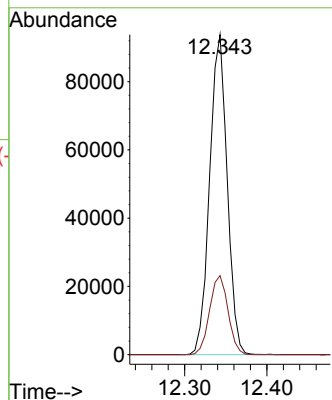
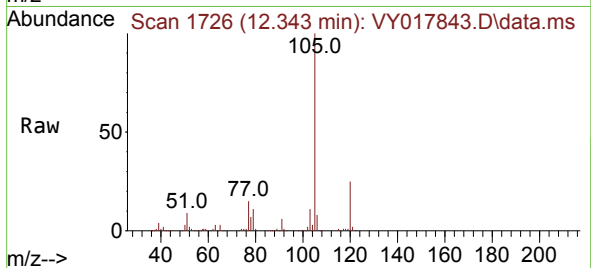
VY0404SBS01

Tgt Ion:105 Resp: 138788

Ion Ratio Lower Upper

105 100

120 25.9 13.4 40.1



#74

N-ethyl acetate

Concen: 22.189 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.006 min

Lab File: VY017843.D

Acq: 04 Apr 2024 10:26

Tgt Ion: 43 Resp: 27215

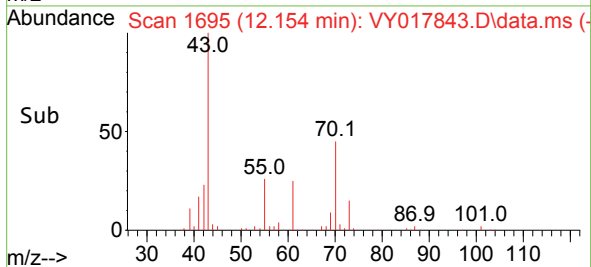
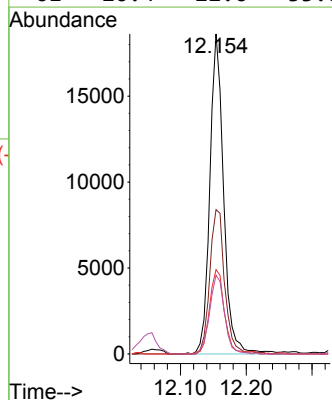
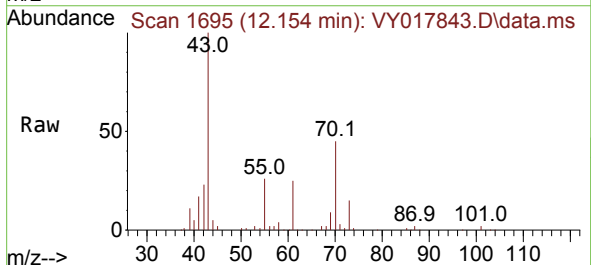
Ion Ratio Lower Upper

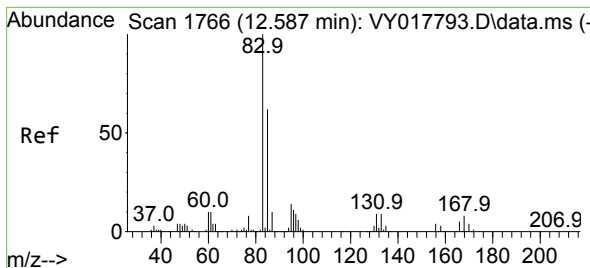
43 100

70 48.9 41.4 62.2

55 28.7 23.3 34.9

61 26.4 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.738 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. 0.006 min

Lab File: VY017843.D

Acq: 04 Apr 2024 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBS01

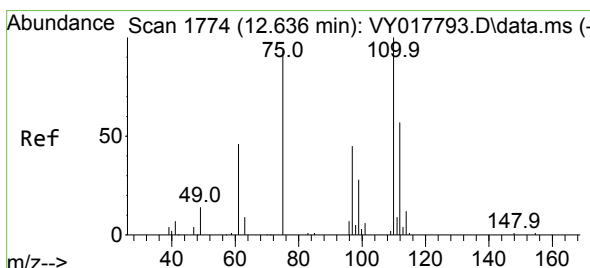
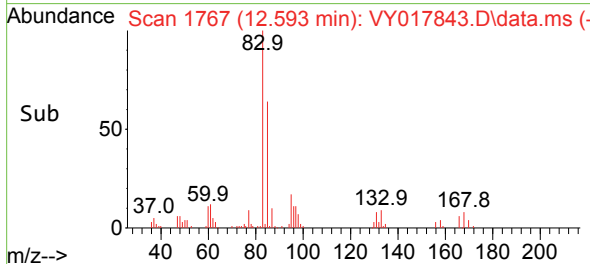
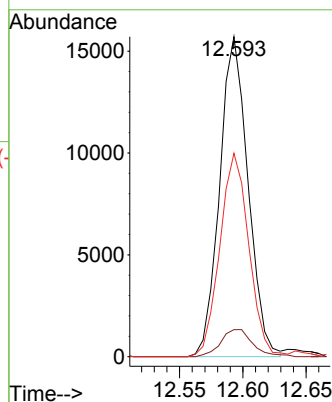
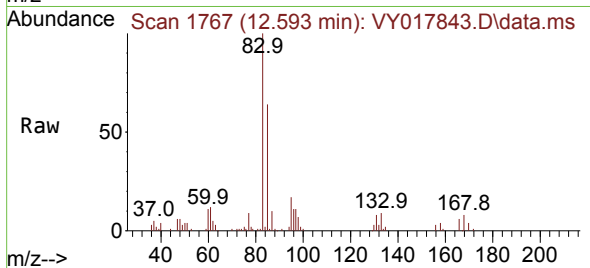
Tgt Ion: 83 Resp: 24515

Ion Ratio Lower Upper

83 100

131 9.6 5.0 14.9

85 64.8 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 34.737 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY017843.D

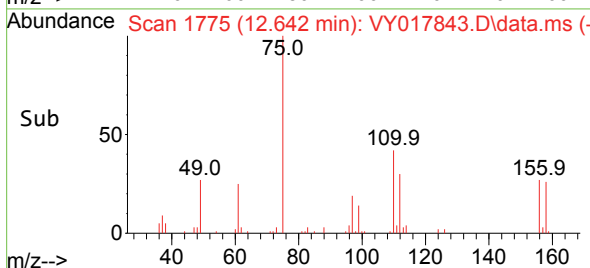
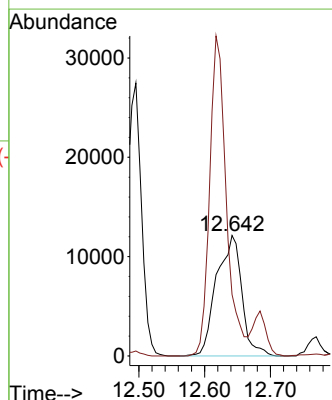
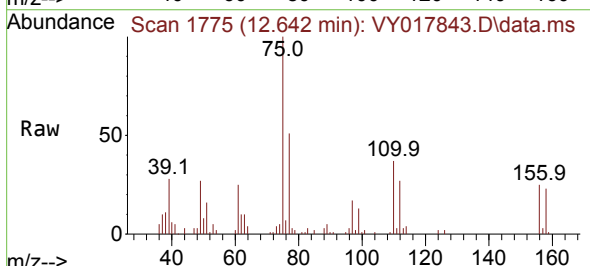
Acq: 04 Apr 2024 10:26

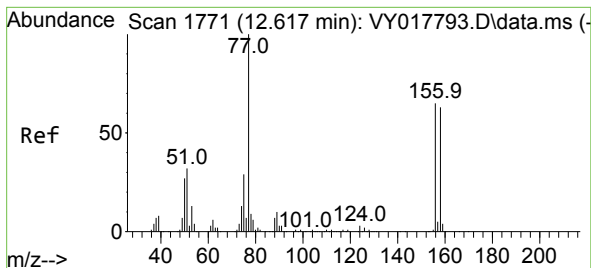
Tgt Ion: 75 Resp: 32432

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.976 ug/l

RT: 12.623 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017843.D

Acq: 04 Apr 2024 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBS01

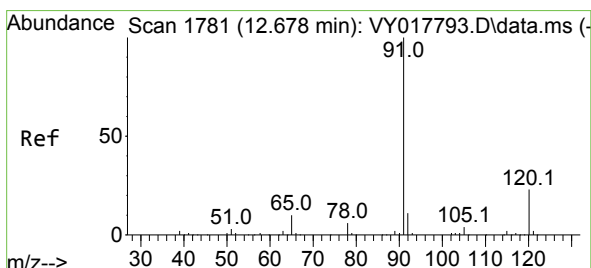
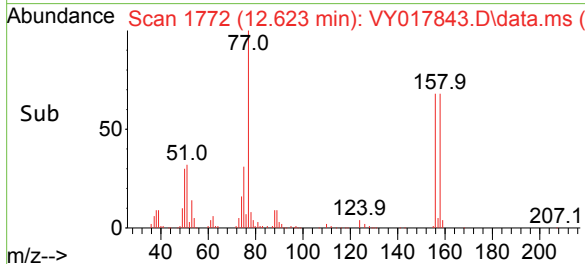
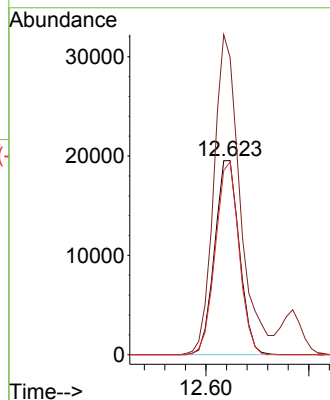
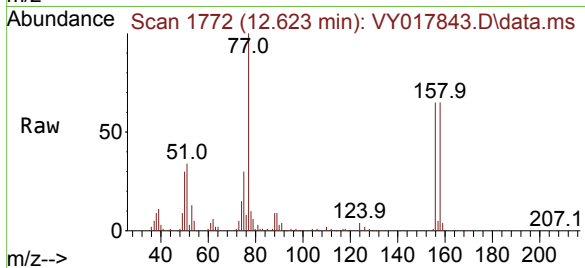
Tgt Ion:156 Resp: 32450

Ion Ratio Lower Upper

156 100

77 174.3 87.1 261.3

158 95.4 48.6 145.9



#78

n-propylbenzene

Concen: 19.197 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.006 min

Lab File: VY017843.D

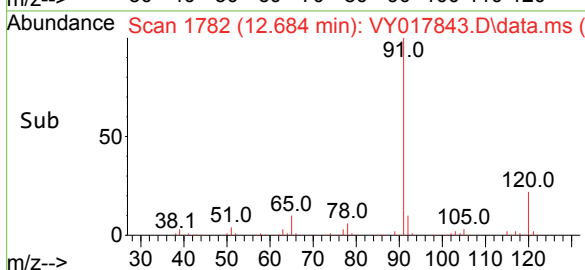
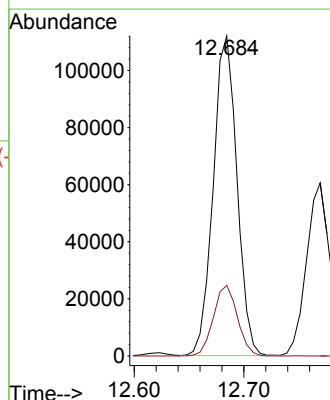
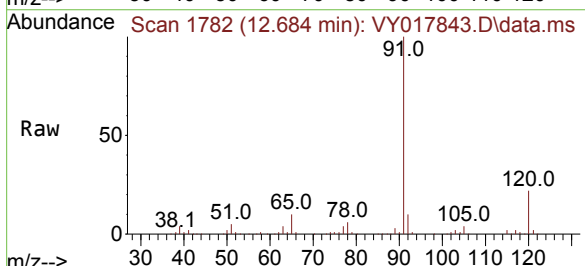
Acq: 04 Apr 2024 10:26

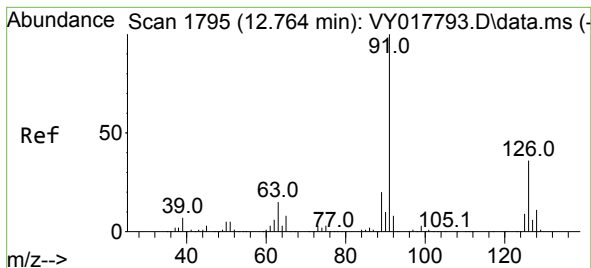
Tgt Ion: 91 Resp: 168185

Ion Ratio Lower Upper

91 100

120 22.3 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.002 ug/l

RT: 12.770 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017843.D

Acq: 04 Apr 2024 10:26

Instrument :

MSVOA_Y

ClientSampleId :

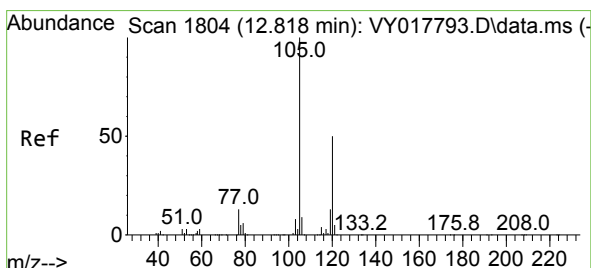
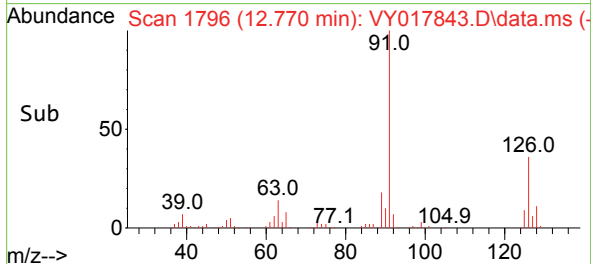
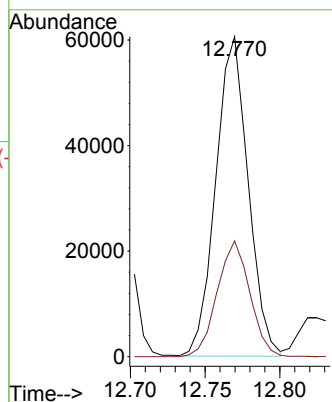
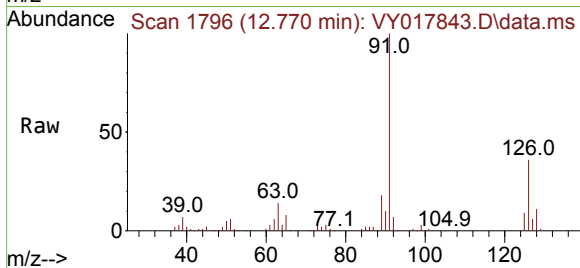
VY0404SBSD01

Tgt Ion: 91 Resp: 91192

Ion Ratio Lower Upper

91 100

126 36.5 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 19.031 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VY017843.D

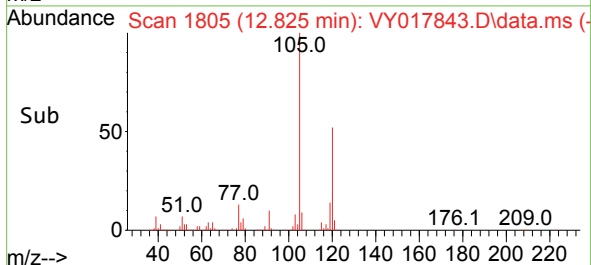
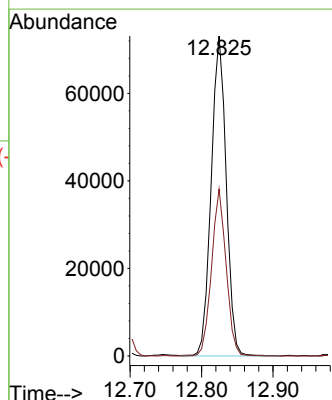
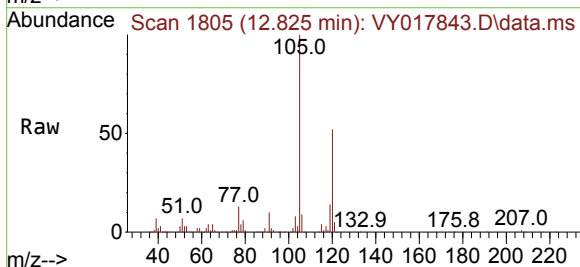
Acq: 04 Apr 2024 10:26

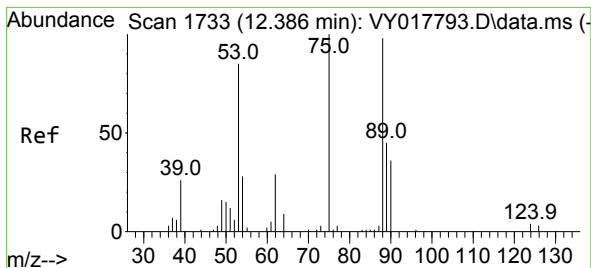
Tgt Ion:105 Resp: 106643

Ion Ratio Lower Upper

105 100

120 50.5 25.1 75.2

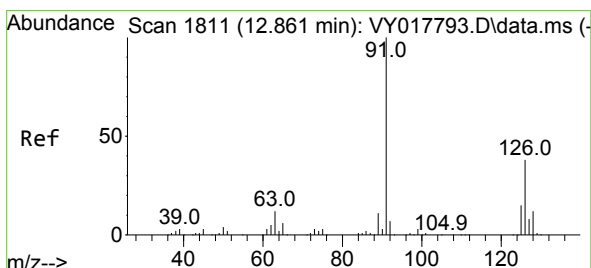
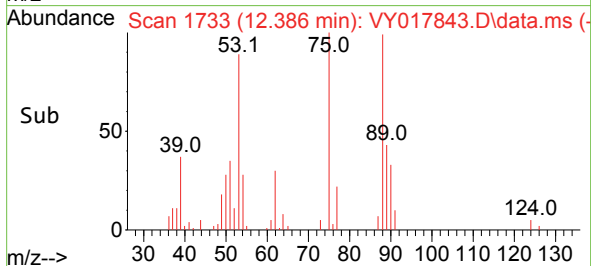
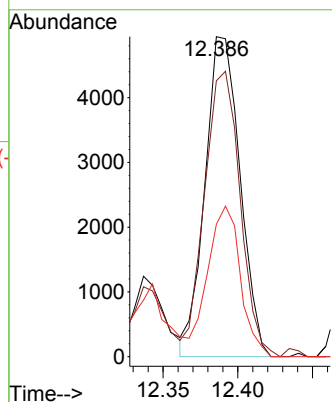
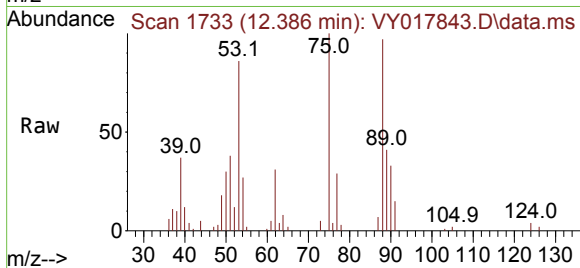




#81
trans-1,4-Dichloro-2-butene
Concen: 22.017 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY017843.D
Acq: 04 Apr 2024 10:26

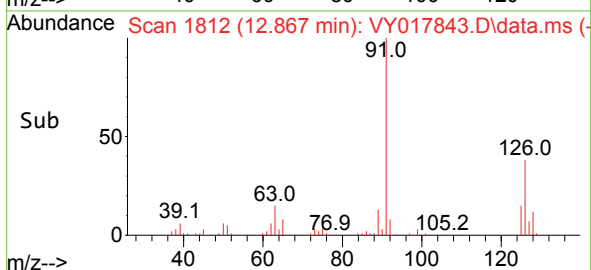
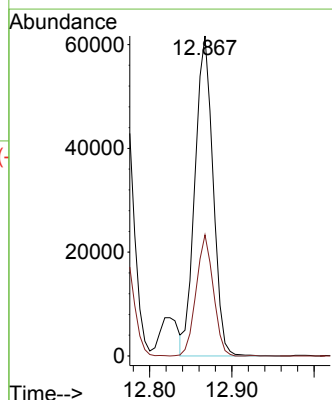
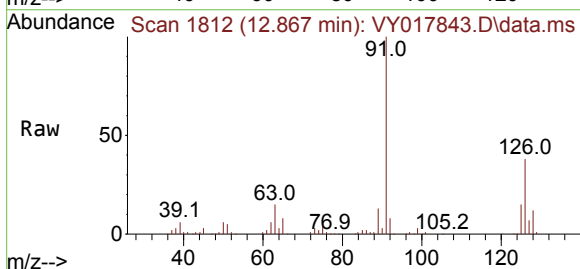
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

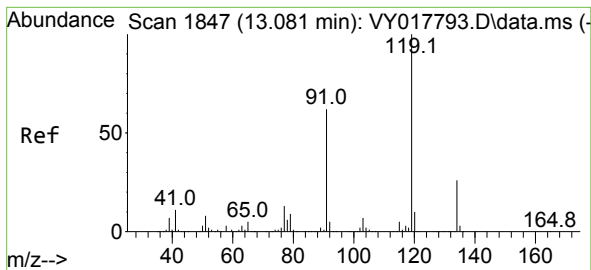
Tgt Ion:	75	Resp:	8055
Ion	Ratio	Lower	Upper
75	100		
53	90.6	66.8	100.2
89	43.5	35.8	53.6



#82
4-Chlorotoluene
Concen: 18.897 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY017843.D
Acq: 04 Apr 2024 10:26

Tgt Ion:	91	Resp:	93902
Ion	Ratio	Lower	Upper
91	100		
126	36.0	17.6	52.9





#83

tert-Butylbenzene

Concen: 19.098 ug/l

RT: 13.087 min Scan# 1848

Delta R.T. 0.006 min

Lab File: VY017843.D

Acq: 04 Apr 2024 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBSD01

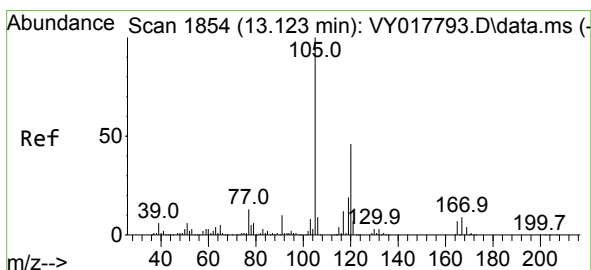
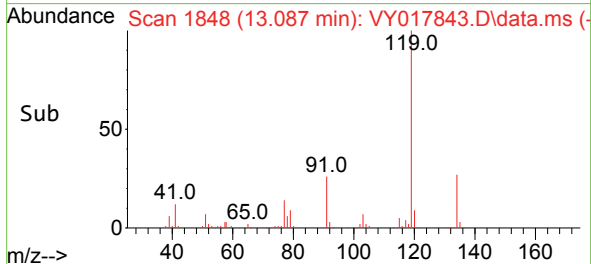
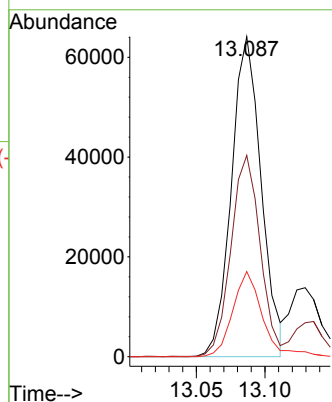
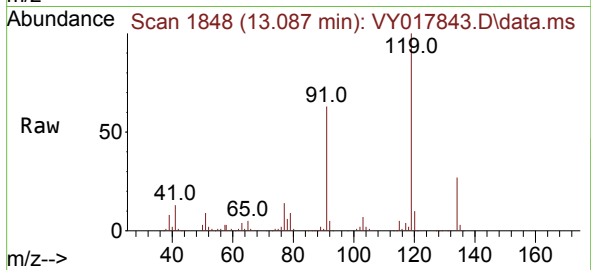
Tgt Ion:119 Resp: 97296

Ion Ratio Lower Upper

119 100

91 61.7 31.3 93.8

134 26.5 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 19.023 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.006 min

Lab File: VY017843.D

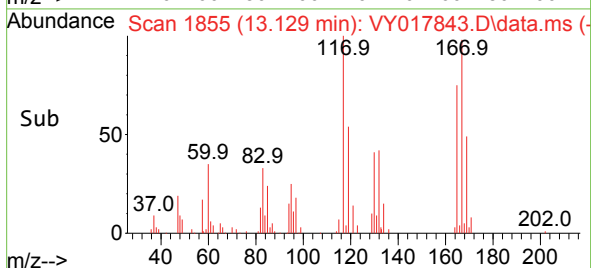
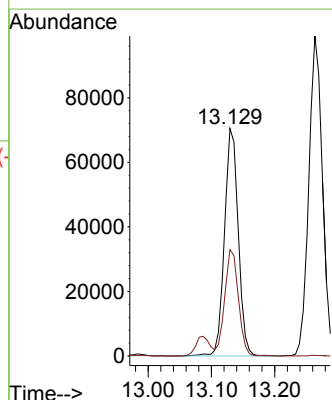
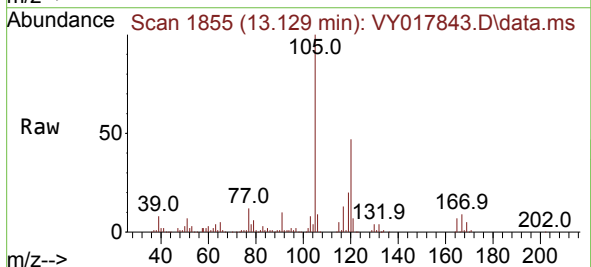
Acq: 04 Apr 2024 10:26

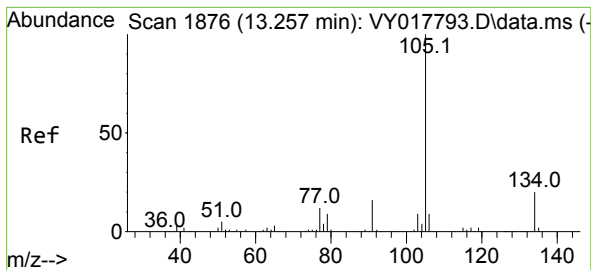
Tgt Ion:105 Resp: 106163

Ion Ratio Lower Upper

105 100

120 46.2 23.2 69.6





#85

sec-Butylbenzene

Concen: 19.329 ug/l

RT: 13.264 min Scan# 1876

Delta R.T. 0.006 min

Lab File: VY017843.D

Acq: 04 Apr 2024 10:26

Instrument :

MSVOA_Y

ClientSampleId :

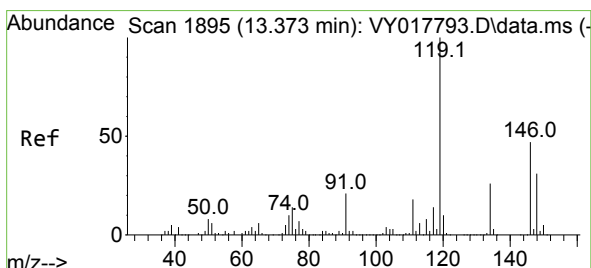
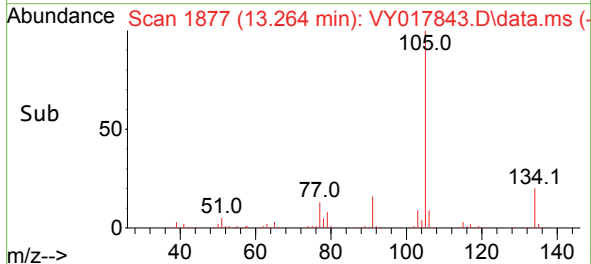
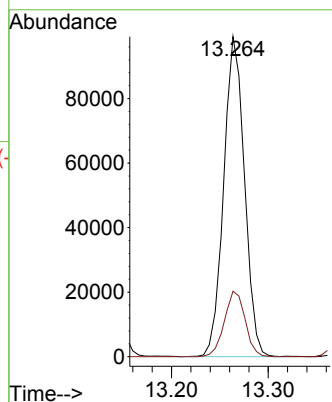
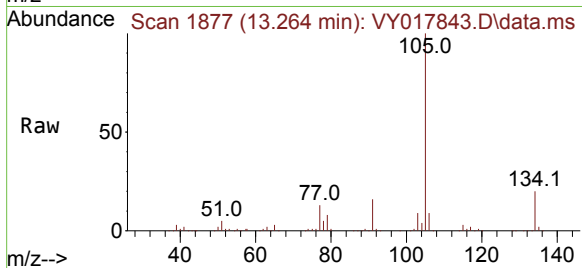
VY0404SBSD01

Tgt Ion:105 Resp: 147799

Ion Ratio Lower Upper

105 100

134 20.4 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.197 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY017843.D

Acq: 04 Apr 2024 10:26

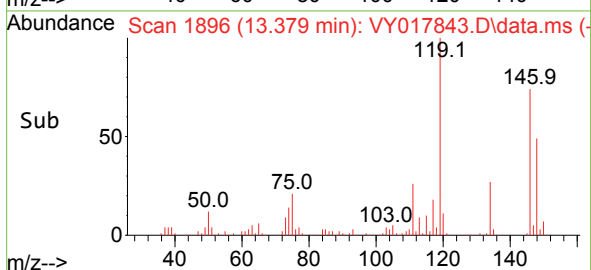
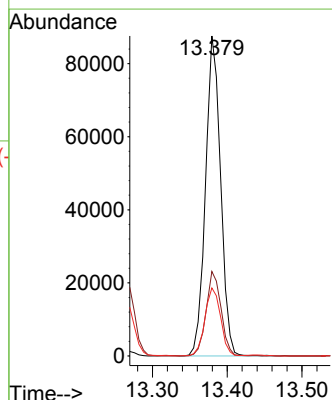
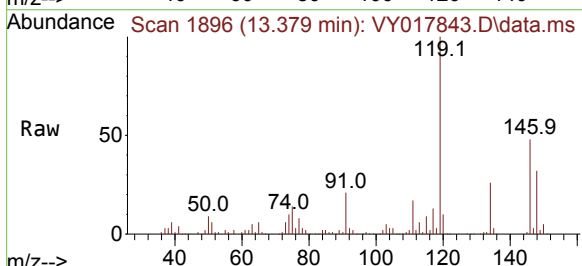
Tgt Ion:119 Resp: 122698

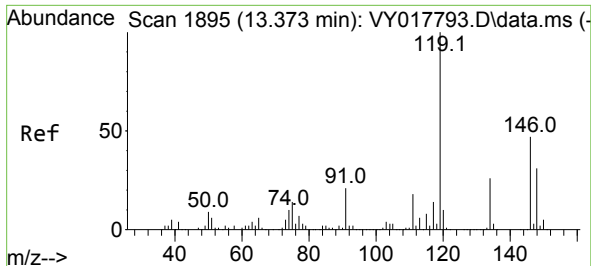
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

91 21.9 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 18.928 ug/l

RT: 13.379 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY017843.D

Acq: 04 Apr 2024 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBS01

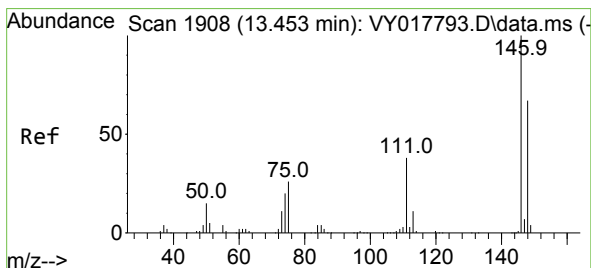
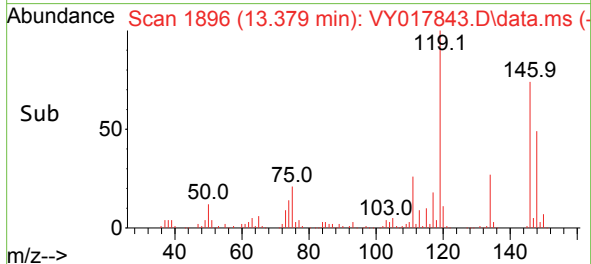
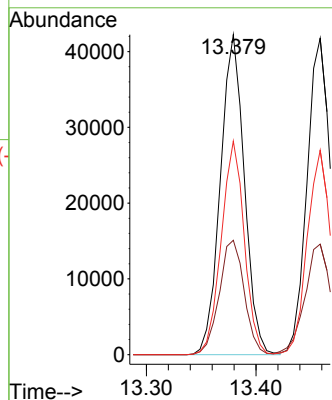
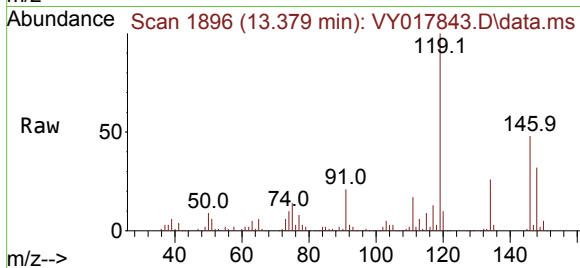
Tgt Ion:146 Resp: 64228

Ion Ratio Lower Upper

146 100

111 37.3 19.0 57.0

148 64.1 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 19.499 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY017843.D

Acq: 04 Apr 2024 10:26

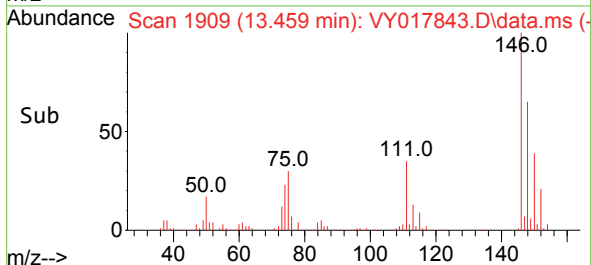
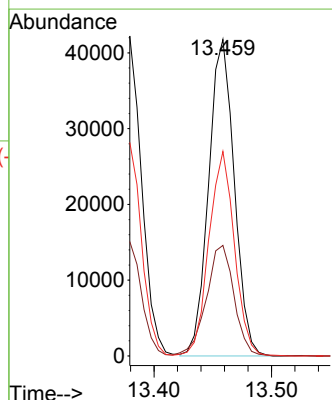
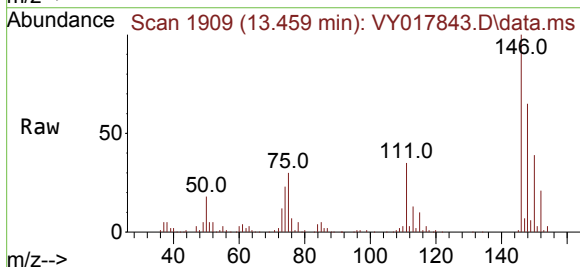
Tgt Ion:146 Resp: 63330

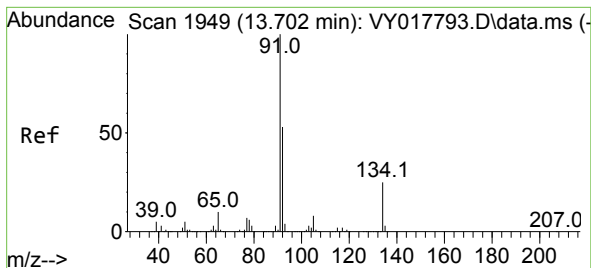
Ion Ratio Lower Upper

146 100

111 37.7 18.4 55.4

148 64.4 32.4 97.2





#89

n-Butylbenzene

Concen: 19.050 ug/l

RT: 13.709 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY017843.D

Acq: 04 Apr 2024 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBS01

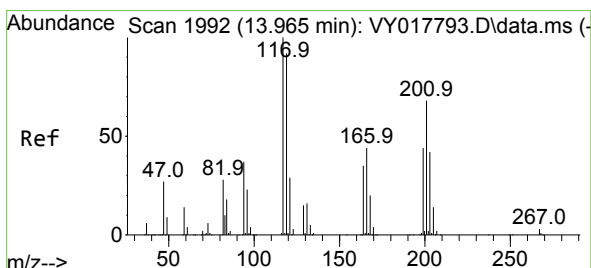
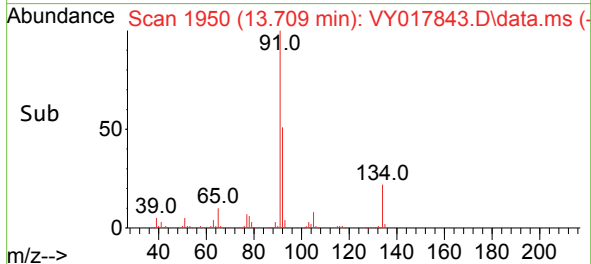
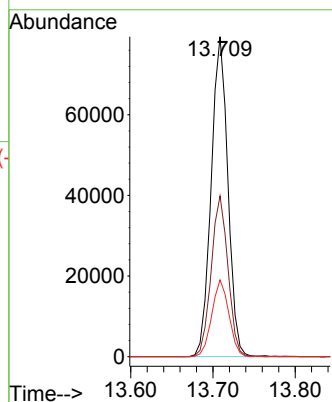
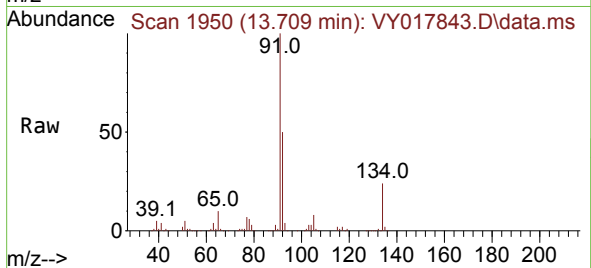
Tgt Ion: 91 Resp: 112021

Ion Ratio Lower Upper

91 100

92 50.4 26.6 79.7

134 24.5 12.9 38.7



#90

Hexachloroethane

Concen: 19.607 ug/l

RT: 13.977 min Scan# 1994

Delta R.T. 0.012 min

Lab File: VY017843.D

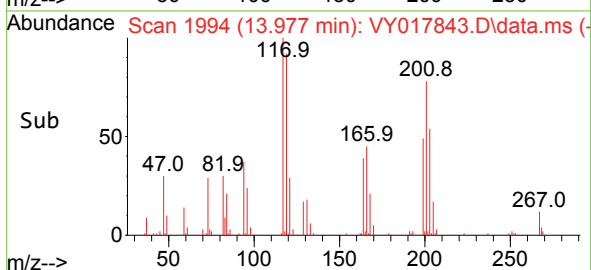
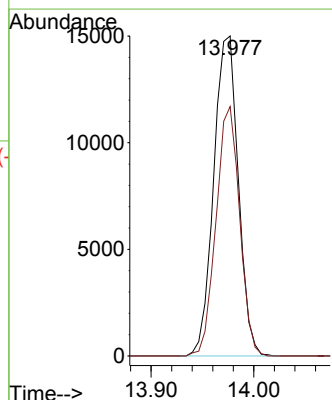
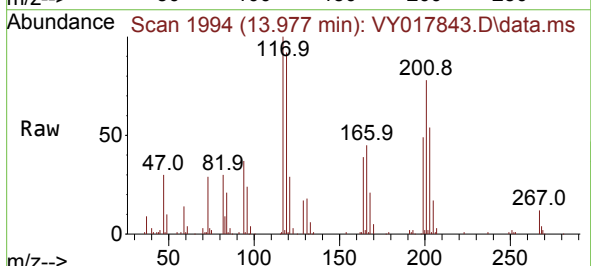
Acq: 04 Apr 2024 10:26

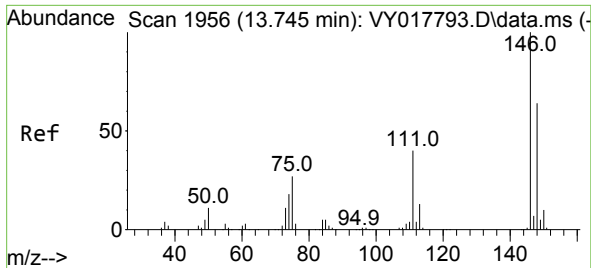
Tgt Ion: 117 Resp: 24919

Ion Ratio Lower Upper

117 100

201 74.6 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 19.404 ug/l

RT: 13.751 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VY017843.D

Acq: 04 Apr 2024 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBS01

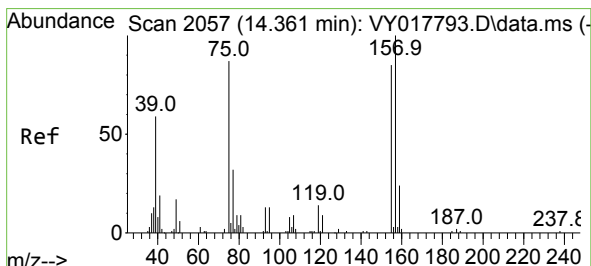
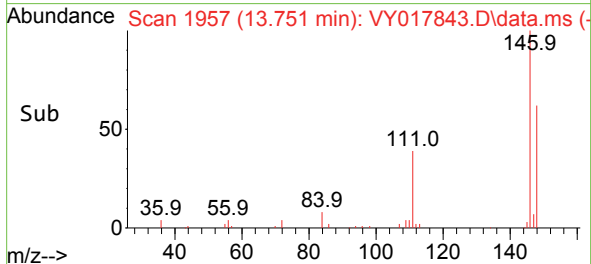
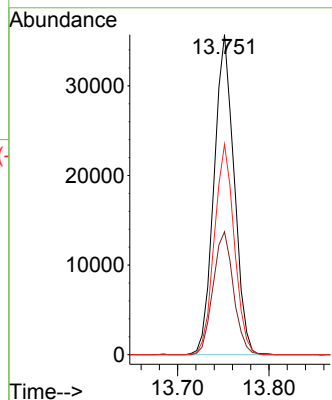
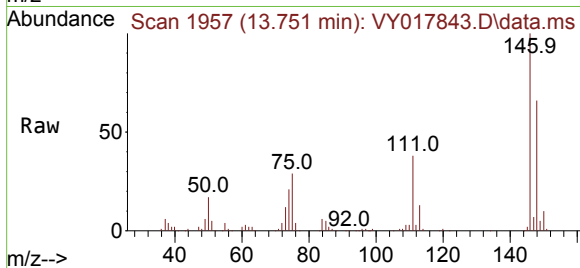
Tgt Ion:146 Resp: 54577

Ion Ratio Lower Upper

146 100

111 39.0 19.9 59.7

148 65.3 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.845 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VY017843.D

Acq: 04 Apr 2024 10:26

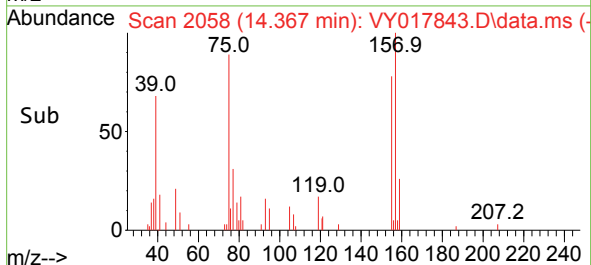
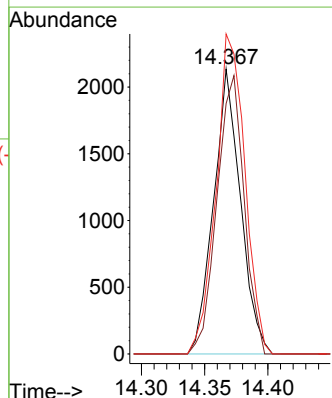
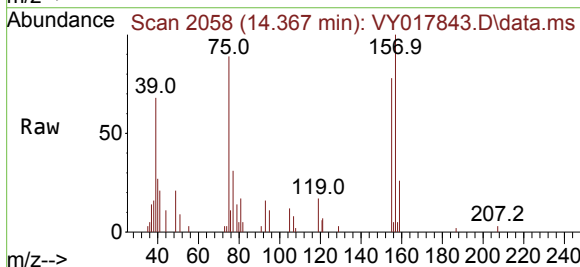
Tgt Ion: 75 Resp: 3163

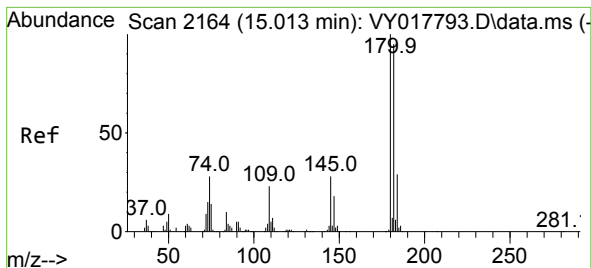
Ion Ratio Lower Upper

75 100

155 98.8 48.6 145.8

157 120.5 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 18.059 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY017843.D

Acq: 04 Apr 2024 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBS01

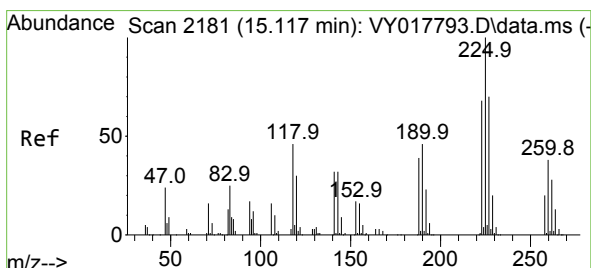
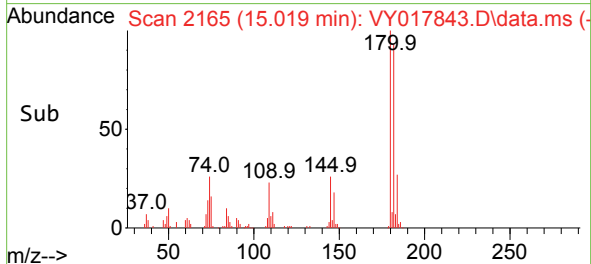
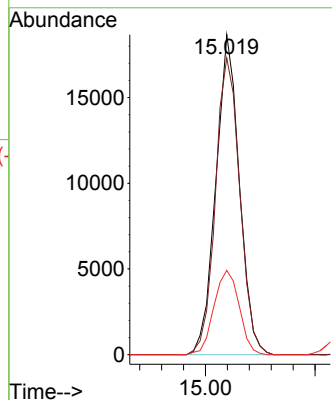
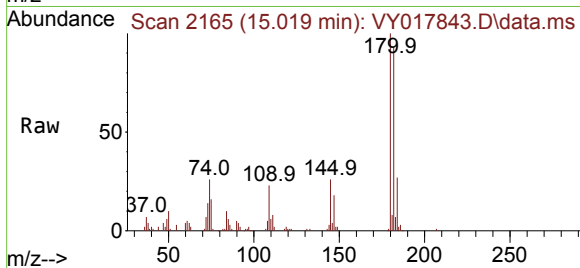
Tgt Ion:180 Resp: 27821

Ion Ratio Lower Upper

180 100

182 96.1 47.9 143.8

145 28.2 14.2 42.6



#94

Hexachlorobutadiene

Concen: 18.203 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY017843.D

Acq: 04 Apr 2024 10:26

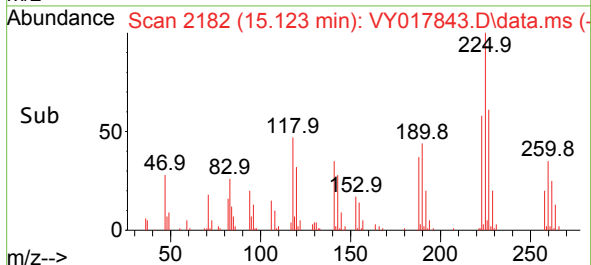
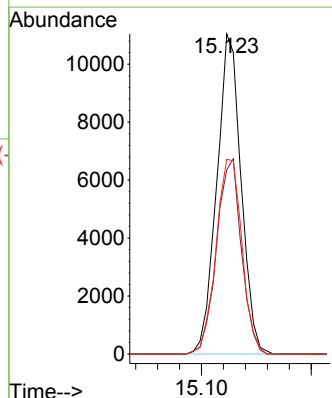
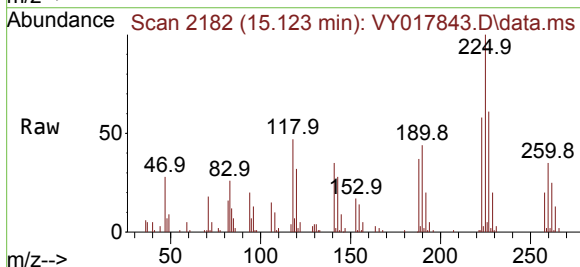
Tgt Ion:225 Resp: 17000

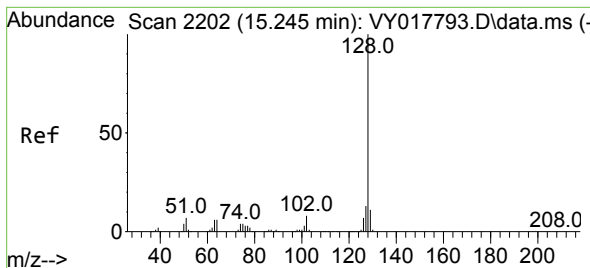
Ion Ratio Lower Upper

225 100

223 62.1 30.4 91.2

227 64.9 31.9 95.9





#95

Naphthalene

Concen: 21.270 ug/l

RT: 15.251 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY017843.D

Acq: 04 Apr 2024 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBSD01

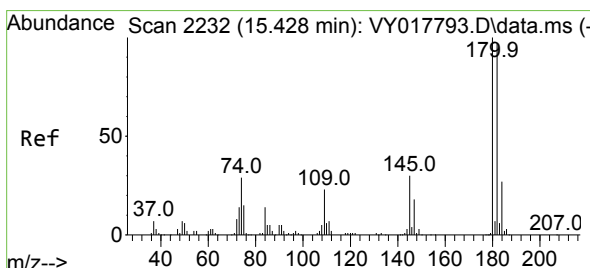
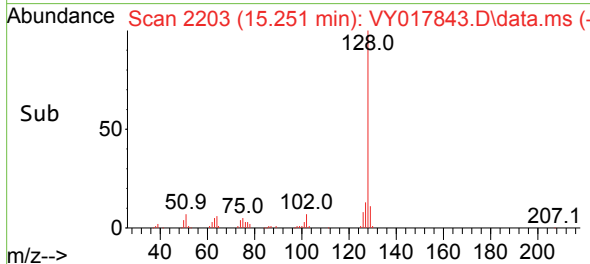
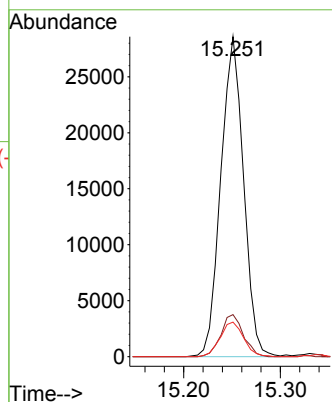
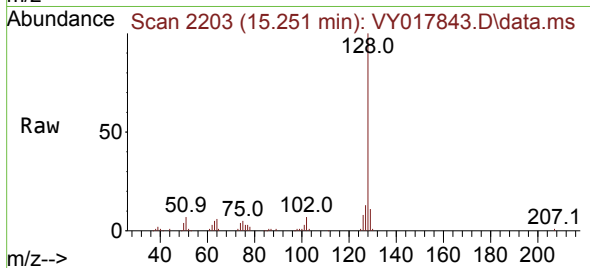
Tgt Ion:128 Resp: 46547

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.376 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.012 min

Lab File: VY017843.D

Acq: 04 Apr 2024 10:26

Tgt Ion:180 Resp: 23914

Ion Ratio Lower Upper

180 100

182 94.3 47.6 142.9

145 29.4 15.4 46.1

