

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022724\
 Data File : VY017500.D
 Acq On : 27 Feb 2024 16:40
 Operator : SY/MD
 Sample : VY0227SBSD02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0227SBSD02

Quant Time: Feb 28 00:18:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	137792	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	209031	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	186999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	89393	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	69977	53.585	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.180%	
35) Dibromofluoromethane	7.716	113	81410	55.891	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.780%	
50) Toluene-d8	10.179	98	309653	60.802	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 121.600%	
62) 4-Bromofluorobenzene	12.483	95	93676	58.528	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 117.060%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	25297	24.888	ug/l	95
3) Chloromethane	2.101	50	42608	22.943	ug/l	95
4) Vinyl Chloride	2.241	62	53438	22.429	ug/l	99
5) Bromomethane	2.644	94	48092	24.769	ug/l	98
6) Chloroethane	2.784	64	28566	19.006	ug/l	99
7) Trichlorofluoromethane	3.113	101	95850	39.473	ug/l	92
8) Diethyl Ether	3.528	74	27012	37.927	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.875	101	58477	41.867	ug/l	92
10) Methyl Iodide	4.070	142	45910	29.289	ug/l	98
11) Tert butyl alcohol	4.924	59	1927	17.372	ug/l #	88
12) 1,1-Dichloroethene	3.851	96	53275	40.928	ug/l	93
13) Acrolein	3.735	56	22861	156.191	ug/l	95
14) Allyl chloride	4.460	41	55063	35.010	ug/l	89
15) Acrylonitrile	5.180	53	46454	158.668	ug/l	96
16) Acetone	3.979	43	35615	140.609	ug/l	96
17) Carbon Disulfide	4.168	76	141271	36.158	ug/l	99
18) Methyl Acetate	4.491	43	17225	28.031	ug/l	92
19) Methyl tert-butyl Ether	5.235	73	124497	41.035	ug/l	98
20) Methylene Chloride	4.698	84	77858	52.604	ug/l	92
21) trans-1,2-Dichloroethene	5.198	96	61799	40.549	ug/l	94
22) Diisopropyl ether	6.137	45	87417	24.086	ug/l	99
23) Vinyl Acetate	6.064	43	220995	102.184	ug/l	98
24) 1,1-Dichloroethane	5.997	63	60107	24.241	ug/l	98
25) 2-Butanone	7.027	43	34663	96.027	ug/l	91
26) 2,2-Dichloropropane	6.972	77	47247	22.664	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	37088	21.674	ug/l	98
28) Bromochloromethane	7.332	49	20247	20.734	ug/l	99
29) Tetrahydrofuran	7.374	42	20235	92.993	ug/l	96
30) Chloroform	7.503	83	61192	23.180	ug/l	99
31) Cyclohexane	7.771	56	45672	21.490	ug/l	99
32) 1,1,1-Trichloroethane	7.691	97	52604	22.952	ug/l	99
36) 1,1-Dichloropropene	7.911	75	45700	23.254	ug/l	99
37) Ethyl Acetate	7.100	43	17743	22.859	ug/l	99
38) Carbon Tetrachloride	7.887	117	47113	23.920	ug/l	98
39) Methylcyclohexane	9.179	83	51456	21.787	ug/l	99
40) Benzene	8.155	78	135966	23.297	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022724\
 Data File : VY017500.D
 Acq On : 27 Feb 2024 16:40
 Operator : SY/MD
 Sample : VY0227SBSD02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0227SBSD02

Quant Time: Feb 28 00:18:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	8664	22.243	ug/l	94
42) 1,2-Dichloroethane	8.234	62	32501	22.824	ug/l	98
43) Isopropyl Acetate	8.289	43	29717	21.787	ug/l #	86
44) Trichloroethene	8.935	130	39112	23.251	ug/l	98
45) 1,2-Dichloropropane	9.216	63	32649	23.513	ug/l	99
46) Dibromomethane	9.301	93	17992	22.641	ug/l	97
47) Bromodichloromethane	9.496	83	44947	23.294	ug/l	100
48) Methyl methacrylate	9.295	41	13225	20.947	ug/l	98
49) 1,4-Dioxane	9.356	88	1611	179.132	ug/l #	12
51) 4-Methyl-2-Pentanone	10.075	43	79640	104.762	ug/l	99
52) Toluene	10.240	92	85763	23.310	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	39196	21.886	ug/l	92
54) cis-1,3-Dichloropropene	9.929	75	48843	22.445	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	25206	22.340	ug/l	94
56) Ethyl methacrylate	10.514	69	26761	20.838	ug/l	98
57) 1,3-Dichloropropane	10.788	76	41432	22.586	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	67315	103.391	ug/l	99
59) 2-Hexanone	10.837	43	57048	109.253	ug/l	98
60) Dibromochloromethane	10.984	129	30546	22.885	ug/l	98
61) 1,2-Dibromoethane	11.087	107	23418	22.523	ug/l	99
64) Tetrachloroethene	10.715	164	40460	22.542	ug/l	99
65) Chlorobenzene	11.514	112	89609	22.576	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	33902	22.799	ug/l	99
67) Ethyl Benzene	11.593	91	153064	21.989	ug/l	97
68) m/p-Xylenes	11.703	106	124546	45.534	ug/l	98
69) o-Xylene	12.032	106	55629	21.922	ug/l	97
70) Styrene	12.044	104	94558	22.449	ug/l	99
71) Bromoform	12.209	173	18134	22.007	ug/l #	95
73) Isopropylbenzene	12.331	105	148093	22.299	ug/l	99
74) N-amyl acetate	12.142	43	24799	21.171	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	26050	22.842	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	32091	37.782	ug/l #	100
77) Bromobenzene	12.611	156	35455	22.045	ug/l	98
78) n-propylbenzene	12.672	91	183497	23.027	ug/l	99
79) 2-Chlorotoluene	12.758	91	99408	22.281	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	120506	22.648	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	7871	21.293	ug/l	98
82) 4-Chlorotoluene	12.855	91	103415	22.662	ug/l	98
83) tert-Butylbenzene	13.075	119	104077	22.275	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	117868	22.439	ug/l	99
85) sec-Butylbenzene	13.251	105	163995	22.958	ug/l	100
86) p-Isopropyltoluene	13.367	119	129639	22.169	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	71337	22.098	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	70113	22.340	ug/l	99
89) n-Butylbenzene	13.697	91	119346	22.370	ug/l	98
90) Hexachloroethane	13.959	117	27422	23.391	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	61414	22.491	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3629	22.635	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	33119	22.962	ug/l	98
94) Hexachlorobutadiene	15.111	225	21000	23.582	ug/l	96
95) Naphthalene	15.239	128	50468	20.559	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	28111	22.719	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022724\
Data File : VY017500.D
Acq On : 27 Feb 2024 16:40
Operator : SY/MD
Sample : VY0227SBSD02
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBSD02

Quant Time: Feb 28 00:18:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
Response via : Initial Calibration

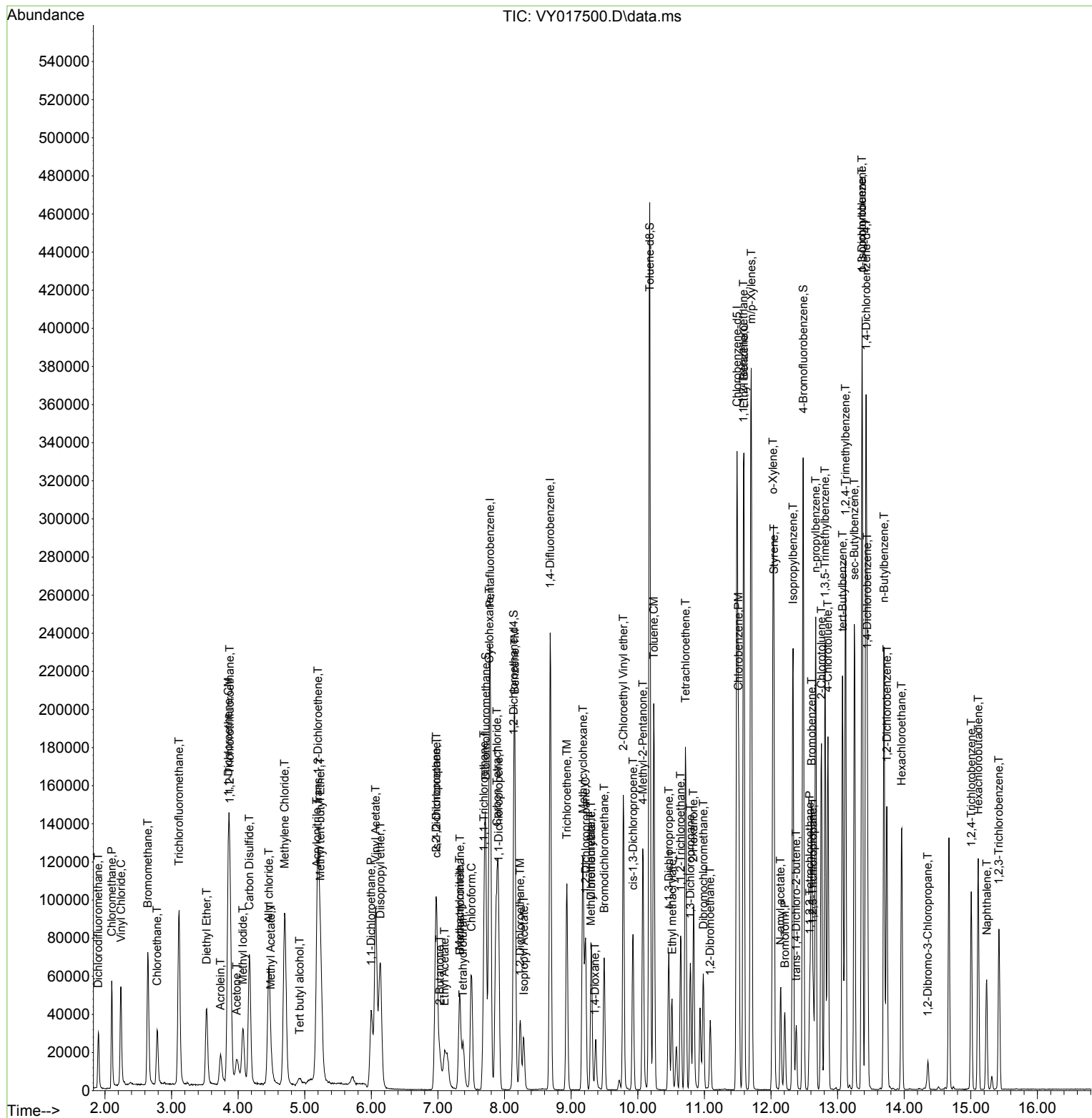
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

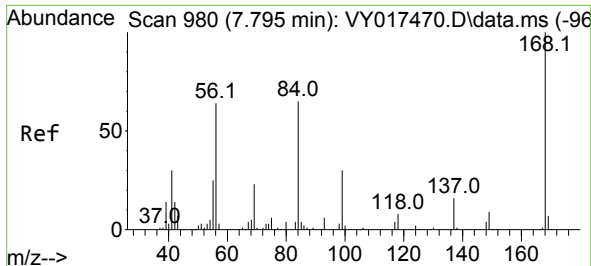
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022724\
 Data File : VY017500.D
 Acq On : 27 Feb 2024 16:40
 Operator : SY/MD
 Sample : VY0227SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0227SBS02

Quant Time: Feb 28 00:18:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

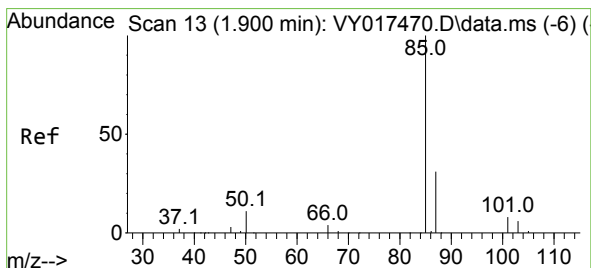
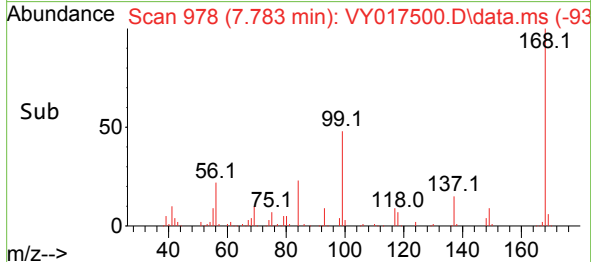
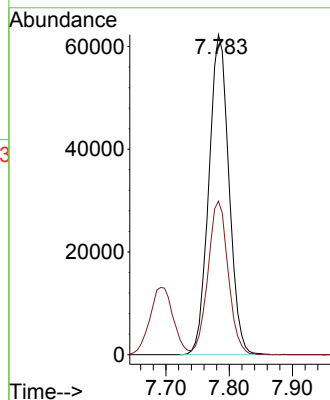
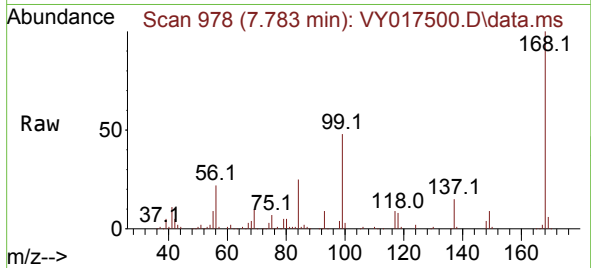




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017500.D
Acq: 27 Feb 2024 16:40

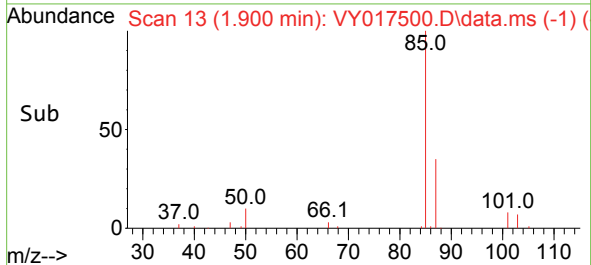
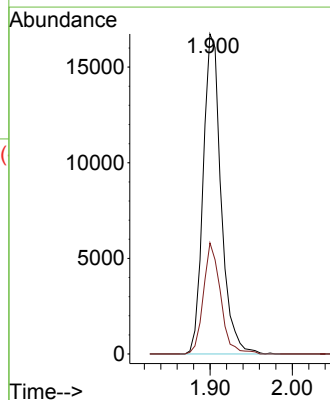
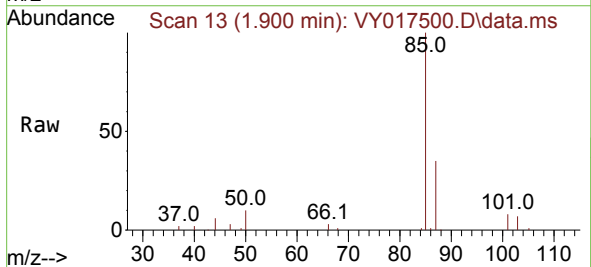
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS02

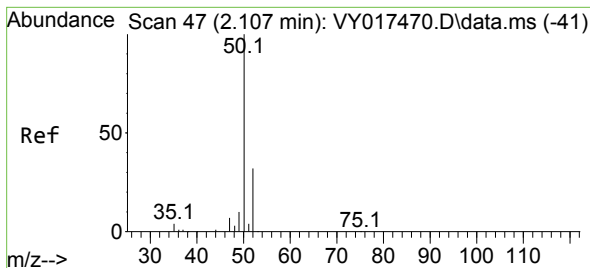
Tgt Ion:168 Resp: 137792
Ion Ratio Lower Upper
168 100
99 48.0 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 24.888 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY017500.D
Acq: 27 Feb 2024 16:40

Tgt Ion: 85 Resp: 25297
Ion Ratio Lower Upper
85 100
87 34.7 16.0 48.0





#3

Chloromethane

Concen: 22.943 ug/l

RT: 2.101 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY017500.D

Acq: 27 Feb 2024 16:40

Instrument :

MSVOA_Y

ClientSampleId :

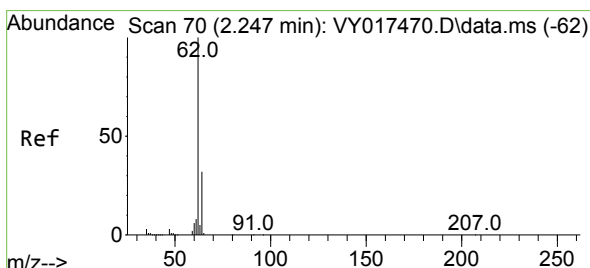
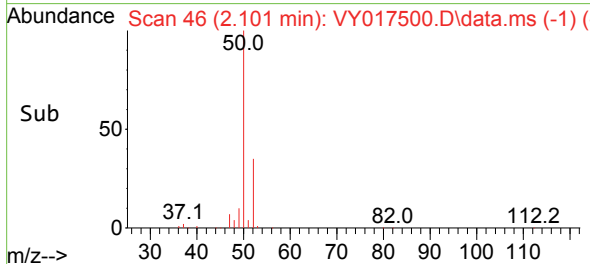
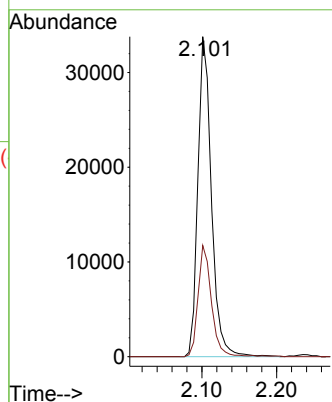
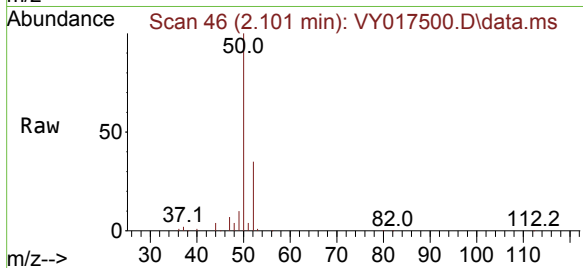
VY0227SBS02

Tgt Ion: 50 Resp: 42608

Ion Ratio Lower Upper

50 100

52 34.7 25.6 38.4



#4

Vinyl Chloride

Concen: 22.429 ug/l

RT: 2.241 min Scan# 69

Delta R.T. -0.006 min

Lab File: VY017500.D

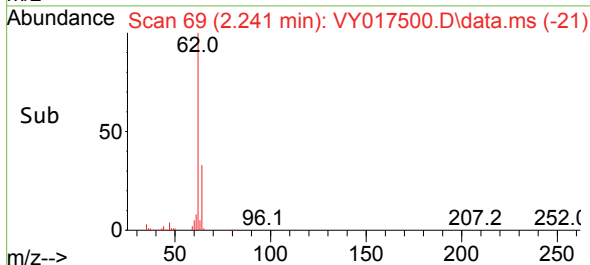
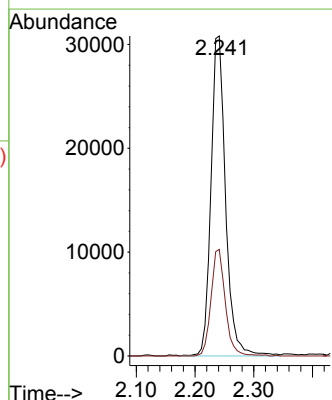
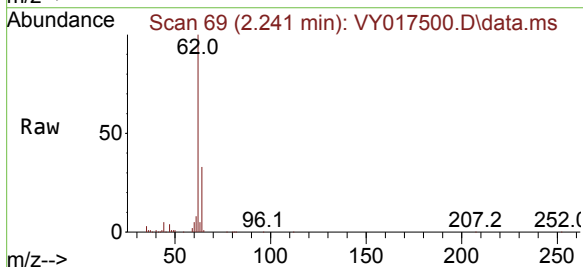
Acq: 27 Feb 2024 16:40

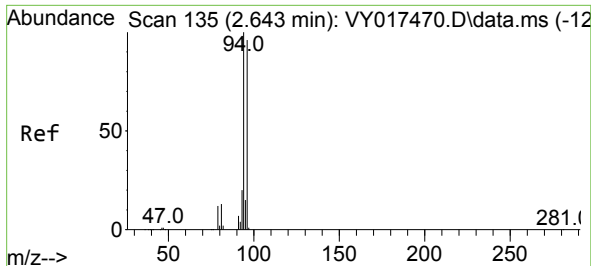
Tgt Ion: 62 Resp: 53438

Ion Ratio Lower Upper

62 100

64 33.3 26.1 39.1

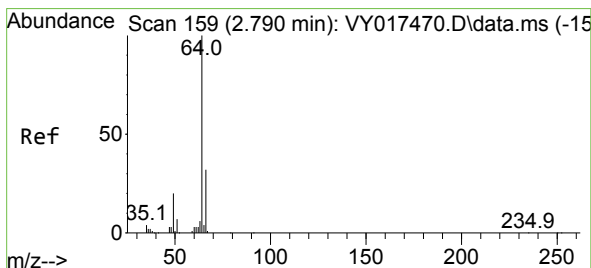
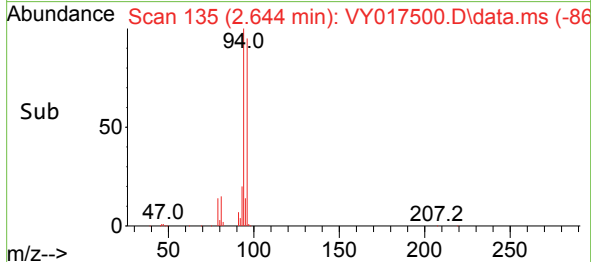
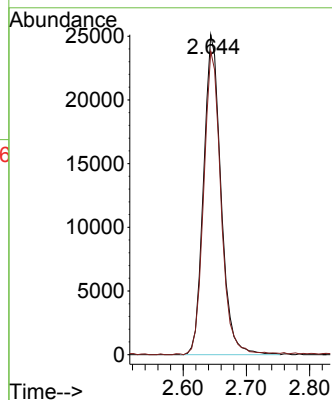
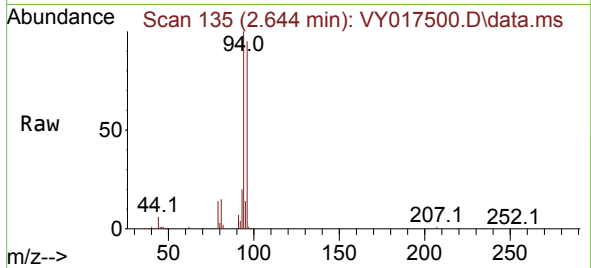




#5
Bromomethane
Concen: 24.769 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017500.D
Acq: 27 Feb 2024 16:40

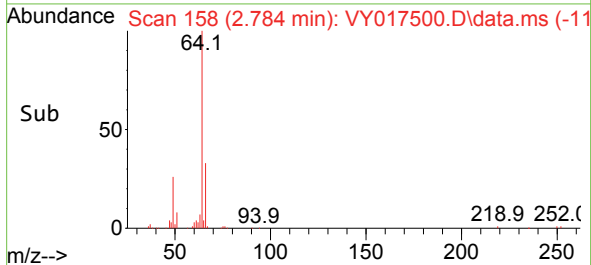
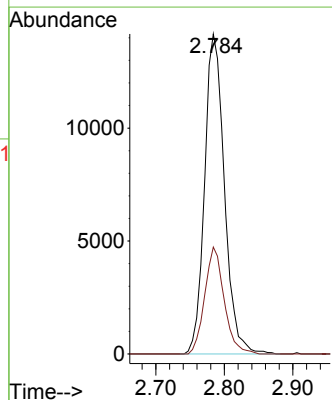
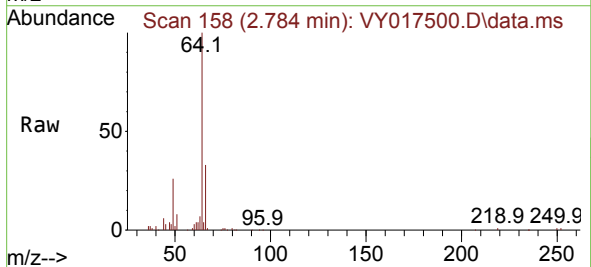
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS02

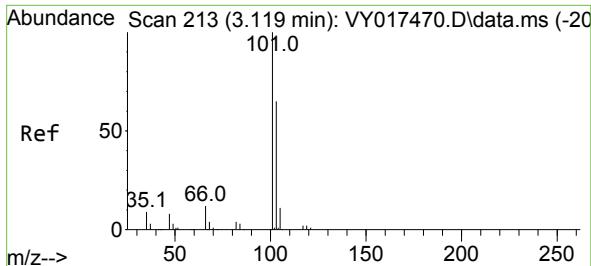
Tgt Ion: 94 Resp: 48092
Ion Ratio Lower Upper
94 100
96 94.5 74.1 111.1



#6
Chloroethane
Concen: 19.006 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.006 min
Lab File: VY017500.D
Acq: 27 Feb 2024 16:40

Tgt Ion: 64 Resp: 28566
Ion Ratio Lower Upper
64 100
66 33.4 26.1 39.1

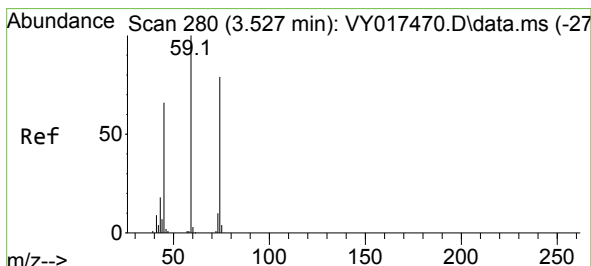
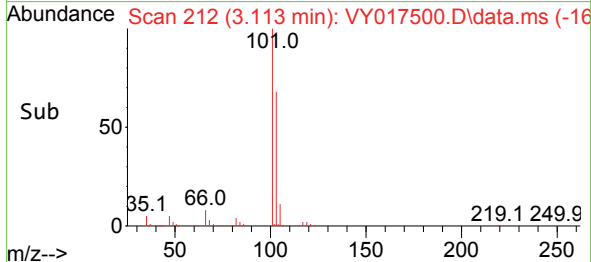
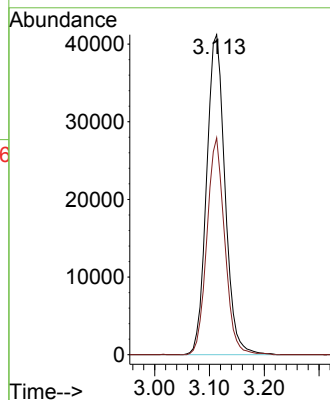
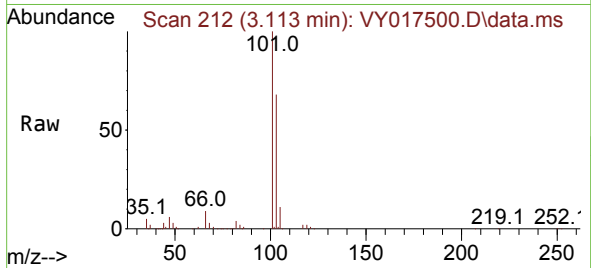




#7
 Trichlorofluoromethane
 Concen: 39.473 ug/l
 RT: 3.113 min Scan# 213
 Delta R.T. -0.006 min
 Lab File: VY017500.D
 Acq: 27 Feb 2024 16:40

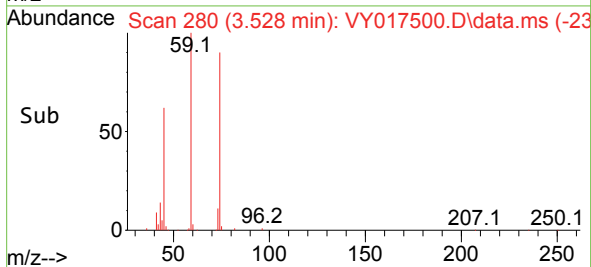
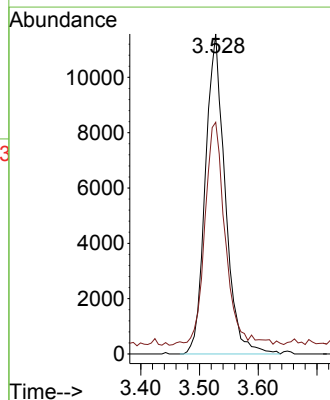
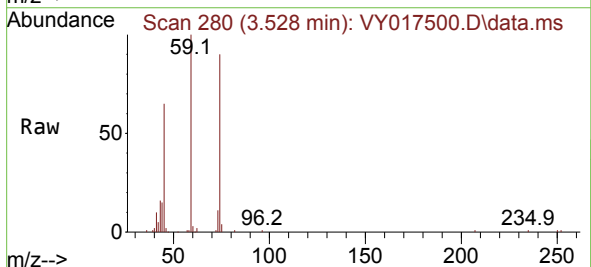
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0227SBSD02

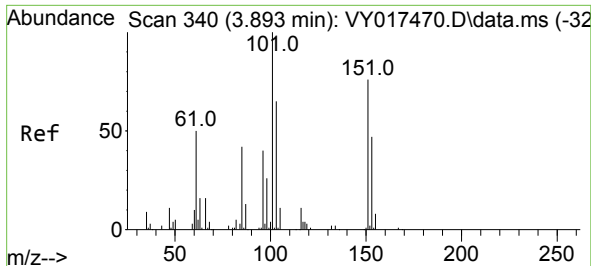
Tgt Ion:101 Resp: 95850
 Ion Ratio Lower Upper
 101 100
 103 67.7 49.3 73.9



#8
 Diethyl Ether
 Concen: 37.927 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY017500.D
 Acq: 27 Feb 2024 16:40

Tgt Ion: 74 Resp: 27012
 Ion Ratio Lower Upper
 74 100
 45 72.7 41.3 124.1

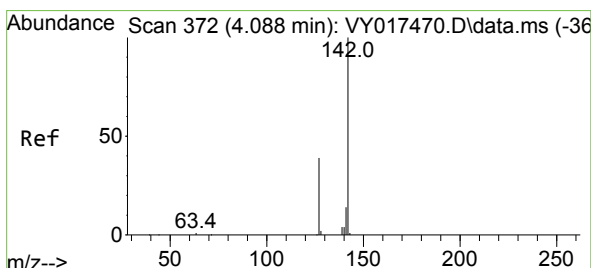
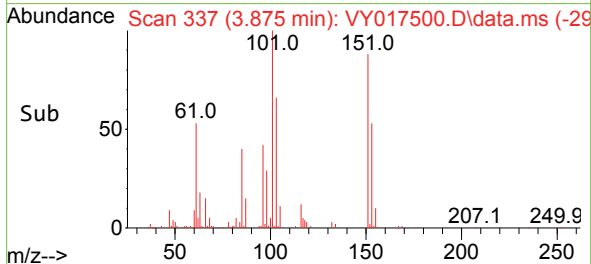
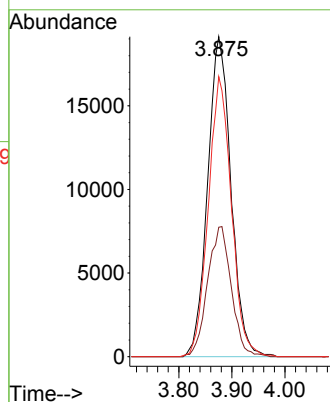
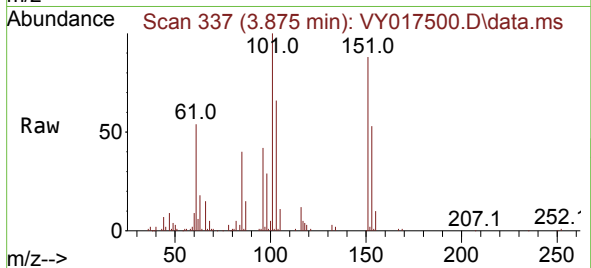




#9
1,1,2-Trichlorotrifluoroethane
Concen: 41.867 ug/l
RT: 3.875 min Scan# 31
Delta R.T. -0.018 min
Lab File: VY017500.D
Acq: 27 Feb 2024 16:40

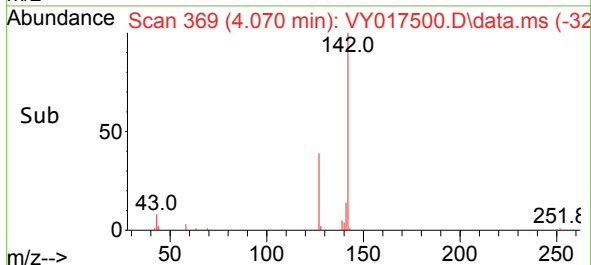
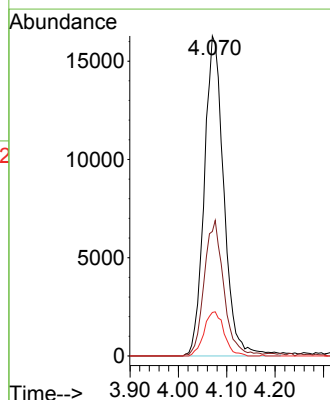
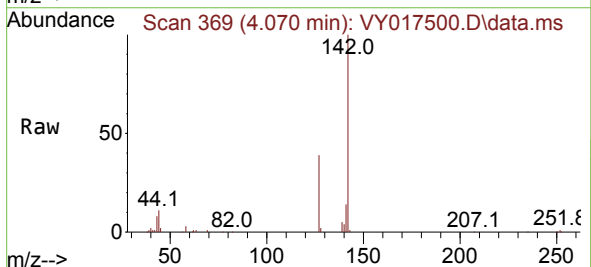
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBSD02

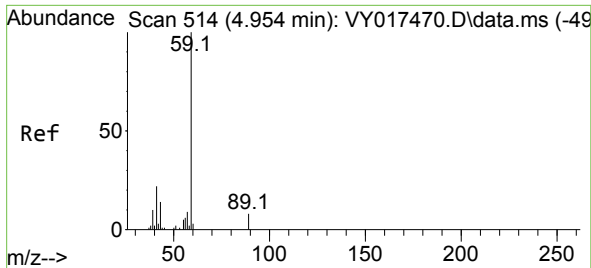
Tgt Ion:101 Resp: 58477
Ion Ratio Lower Upper
101 100
85 41.4 34.5 51.7
151 86.6 61.7 92.5



#10
Methyl Iodide
Concen: 29.289 ug/l
RT: 4.070 min Scan# 369
Delta R.T. -0.018 min
Lab File: VY017500.D
Acq: 27 Feb 2024 16:40

Tgt Ion:142 Resp: 45910
Ion Ratio Lower Upper
142 100
127 42.3 32.8 49.2
141 14.0 11.4 17.2

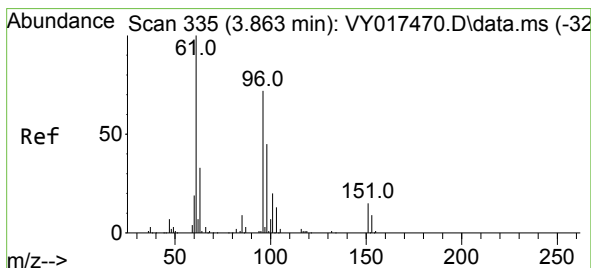
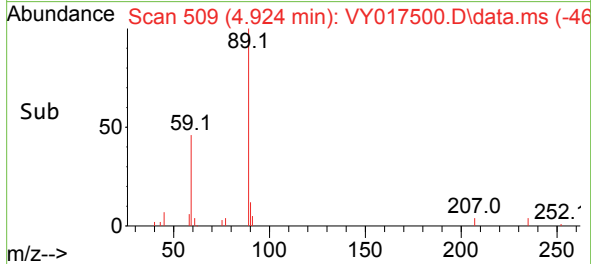
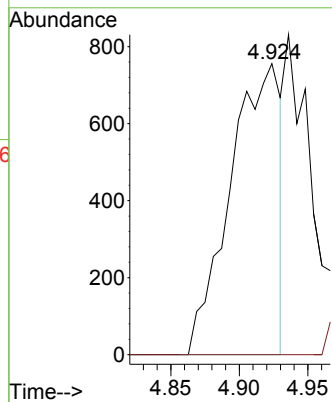
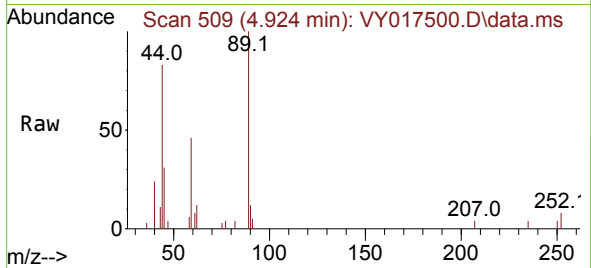




#11
Tert butyl alcohol
Concen: 17.372 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.030 min
Lab File: VY017500.D
Acq: 27 Feb 2024 16:40

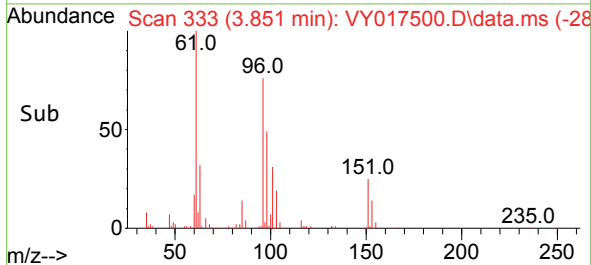
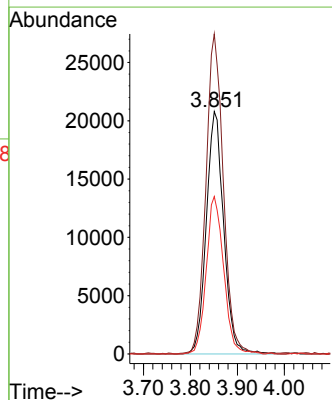
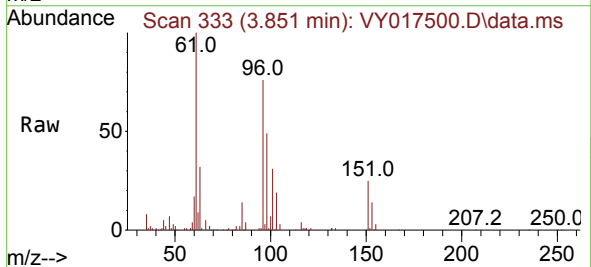
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS02

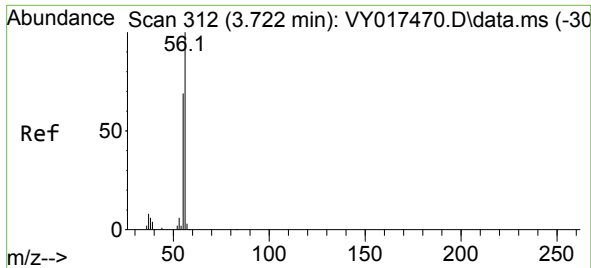
Tgt Ion: 59 Resp: 1927
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 40.928 ug/l
RT: 3.851 min Scan# 333
Delta R.T. -0.012 min
Lab File: VY017500.D
Acq: 27 Feb 2024 16:40

Tgt Ion: 96 Resp: 53275
Ion Ratio Lower Upper
96 100
61 131.8 114.6 171.8
98 64.9 50.8 76.2





#13

Acrolein

Concen: 156.191 ug/l

RT: 3.735 min Scan# 312

Delta R.T. 0.012 min

Lab File: VY017500.D

Acq: 27 Feb 2024 16:40

Instrument :

MSVOA_Y

ClientSampleId :

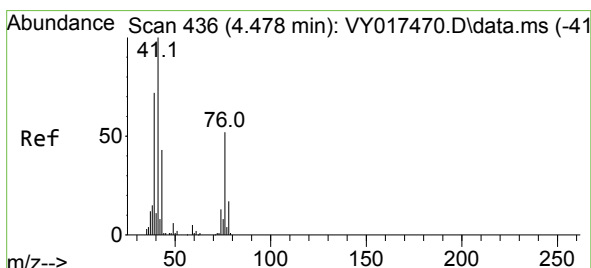
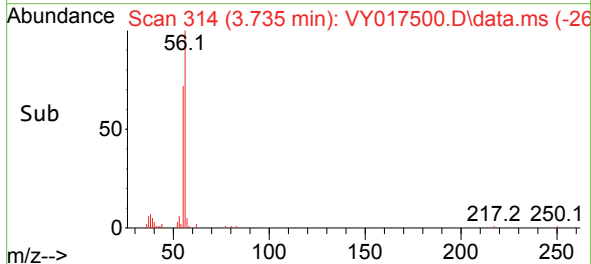
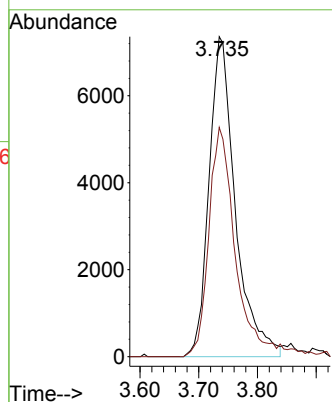
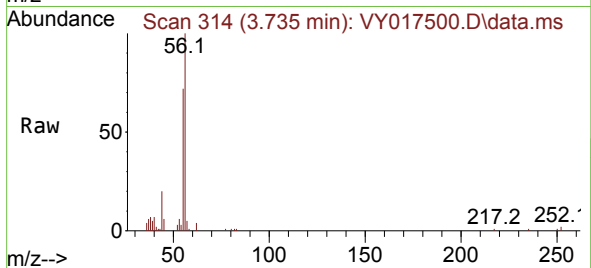
VY0227SBS02

Tgt Ion: 56 Resp: 22861

Ion Ratio Lower Upper

56 100

55 73.6 55.7 83.5



#14

Allyl chloride

Concen: 35.010 ug/l

RT: 4.460 min Scan# 433

Delta R.T. -0.018 min

Lab File: VY017500.D

Acq: 27 Feb 2024 16:40

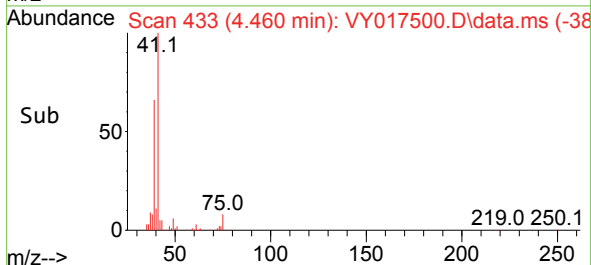
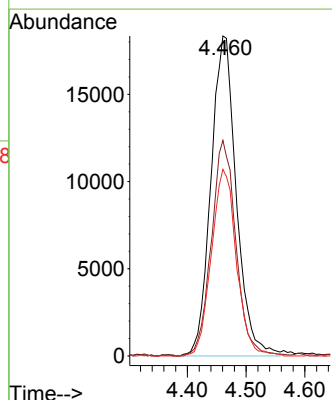
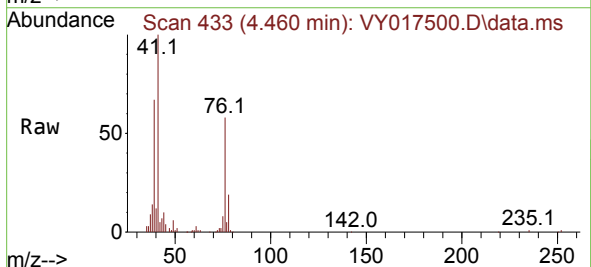
Tgt Ion: 41 Resp: 55063

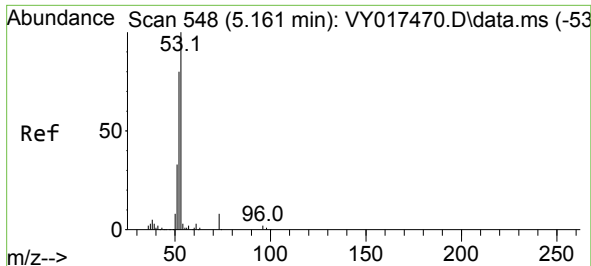
Ion Ratio Lower Upper

41 100

39 65.2 58.3 87.5

76 57.5 39.0 58.6

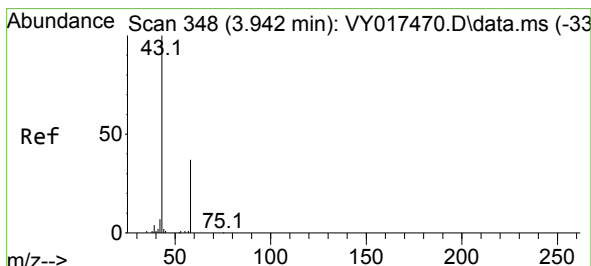
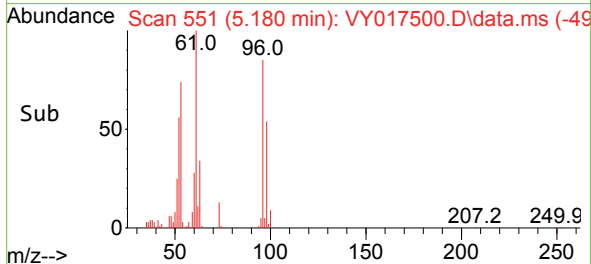
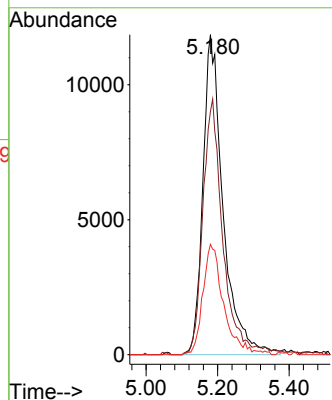
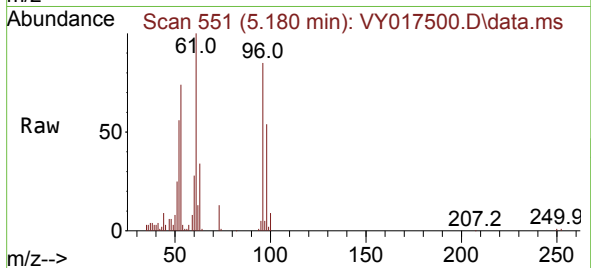




#15
Acrylonitrile
Concen: 158.668 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.019 min
Lab File: VY017500.D
Acq: 27 Feb 2024 16:40

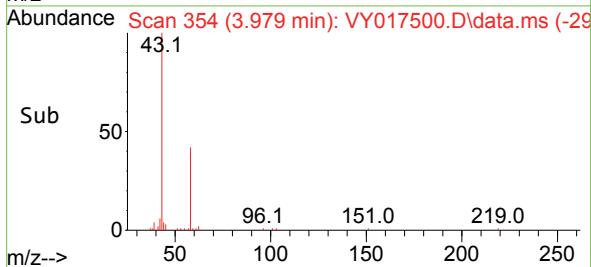
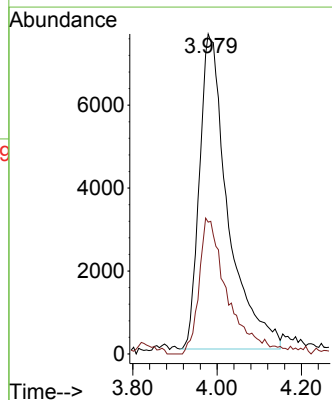
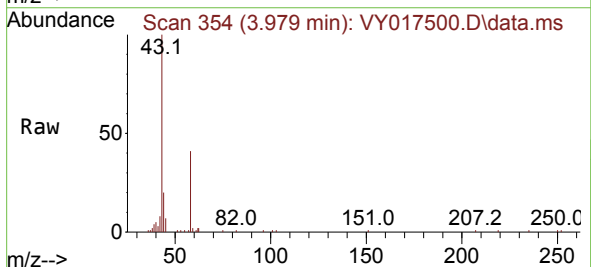
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBSD02

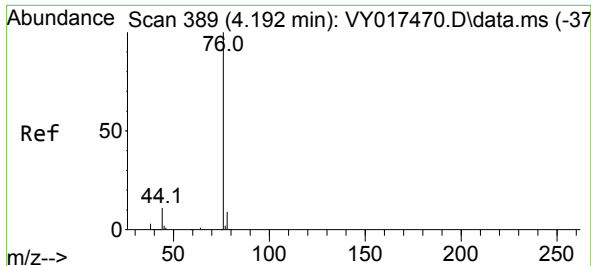
Tgt Ion: 53 Resp: 46454
Ion Ratio Lower Upper
53 100
52 77.2 64.7 97.1
51 34.0 28.4 42.6



#16
Acetone
Concen: 140.609 ug/l
RT: 3.979 min Scan# 354
Delta R.T. 0.037 min
Lab File: VY017500.D
Acq: 27 Feb 2024 16:40

Tgt Ion: 43 Resp: 35615
Ion Ratio Lower Upper
43 100
58 41.9 31.7 47.5

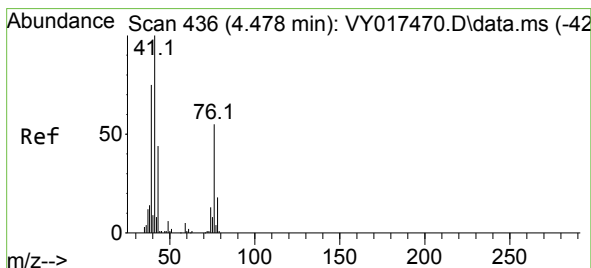
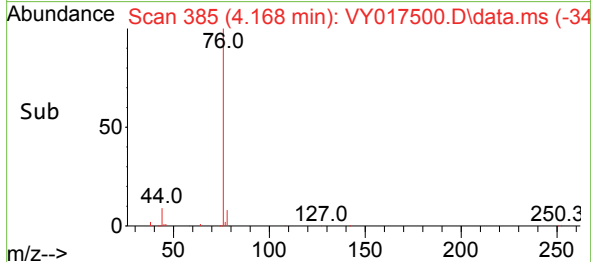
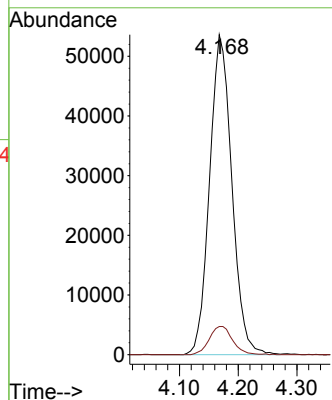
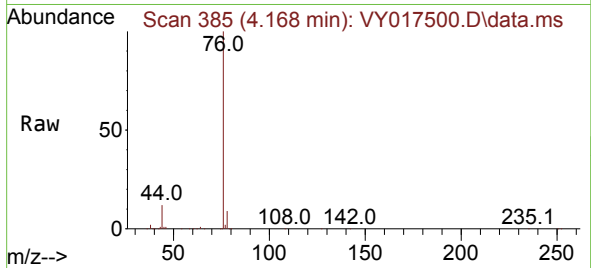




#17
Carbon Disulfide
Concen: 36.158 ug/l
RT: 4.168 min Scan# 385
Delta R.T. -0.024 min
Lab File: VY017500.D
Acq: 27 Feb 2024 16:40

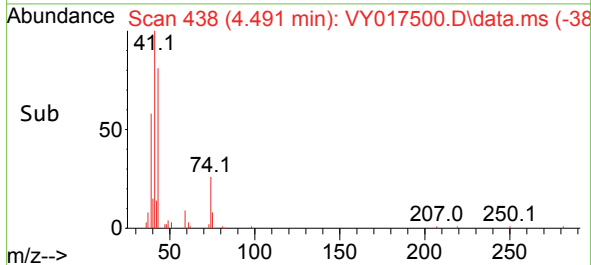
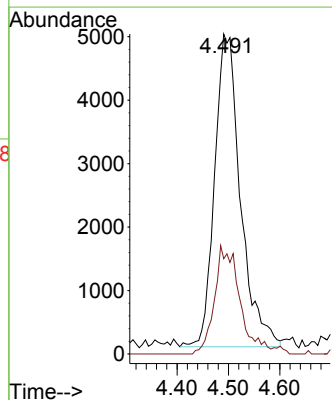
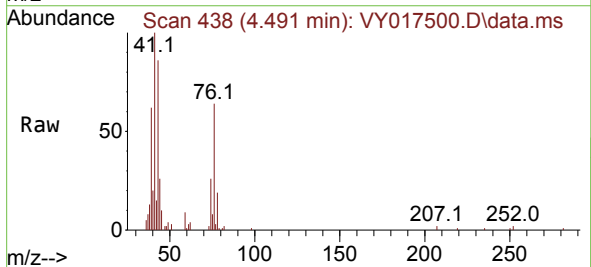
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBSD02

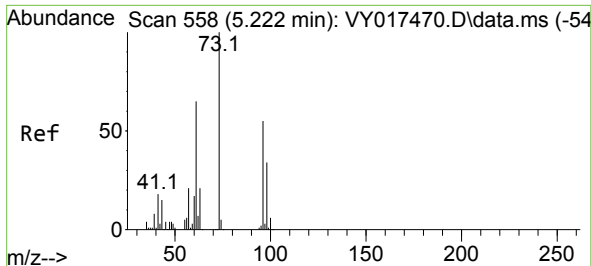
Tgt Ion: 76 Resp: 141271
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2



#18
Methyl Acetate
Concen: 28.031 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY017500.D
Acq: 27 Feb 2024 16:40

Tgt Ion: 43 Resp: 17225
Ion Ratio Lower Upper
43 100
74 33.6 23.3 34.9

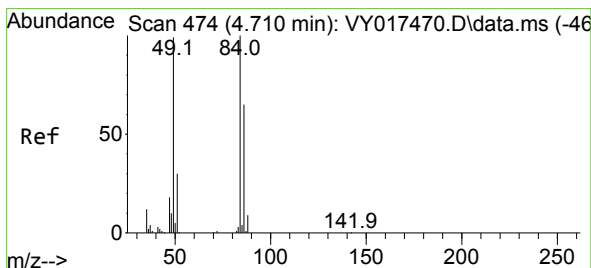
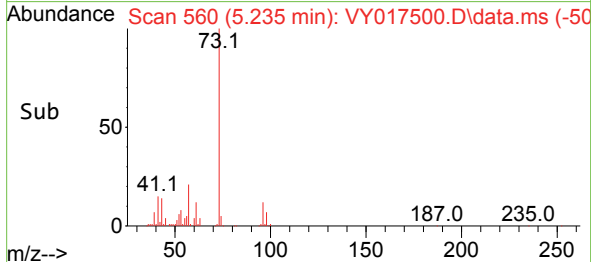
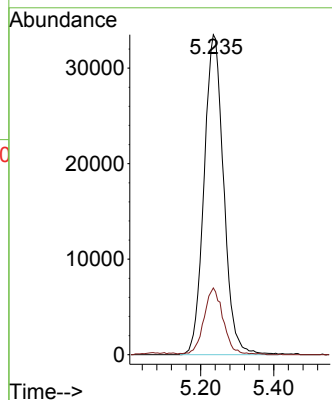
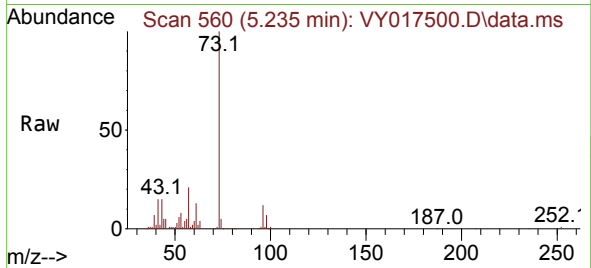




#19
Methyl tert-butyl Ether
Concen: 41.035 ug/l
RT: 5.235 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY017500.D
Acq: 27 Feb 2024 16:40

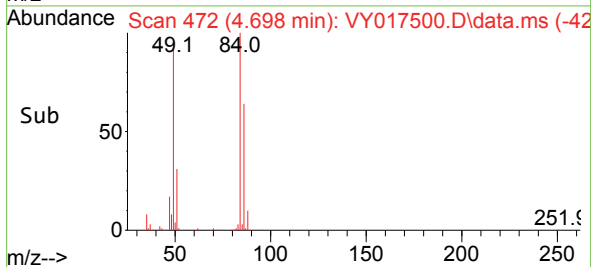
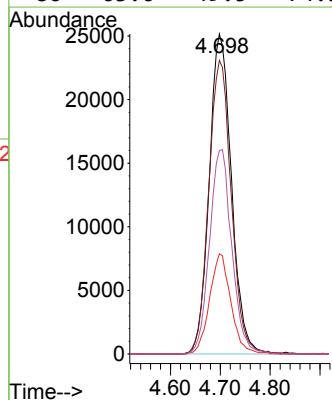
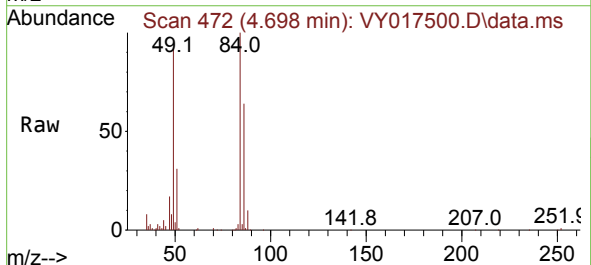
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS02

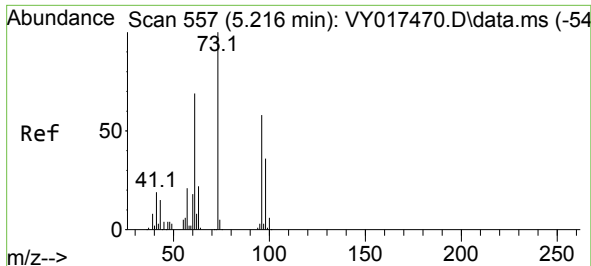
Tgt Ion: 73 Resp: 124497
Ion Ratio Lower Upper
73 100
57 20.7 17.3 25.9



#20
Methylene Chloride
Concen: 52.604 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.012 min
Lab File: VY017500.D
Acq: 27 Feb 2024 16:40

Tgt Ion: 84 Resp: 77858
Ion Ratio Lower Upper
84 100
49 91.8 84.4 126.6
51 31.3 26.0 39.0
86 63.6 49.5 74.3

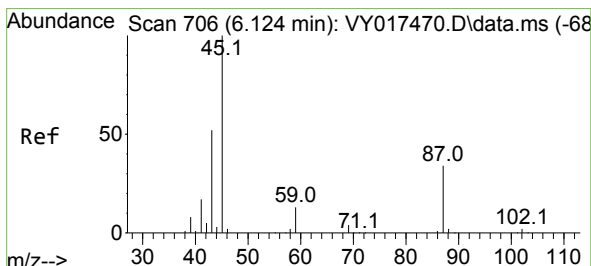
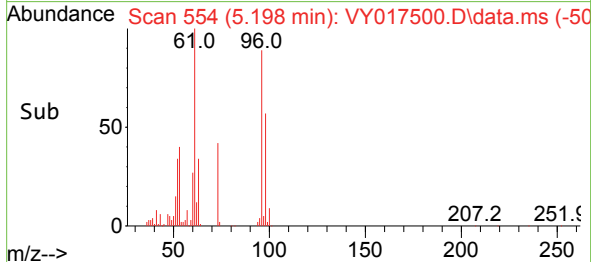
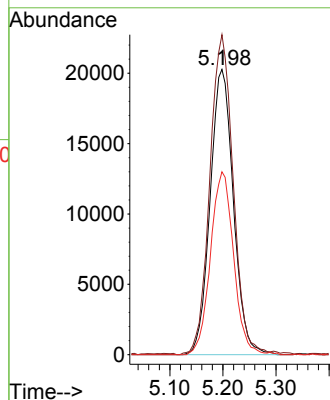
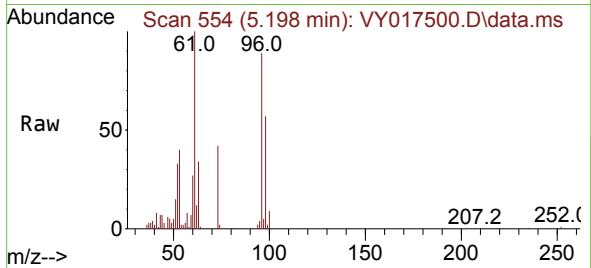




#21
trans-1,2-Dichloroethene
Concen: 40.549 ug/l
RT: 5.198 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY017500.D
Acq: 27 Feb 2024 16:40

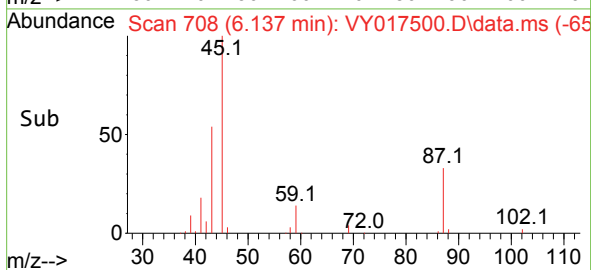
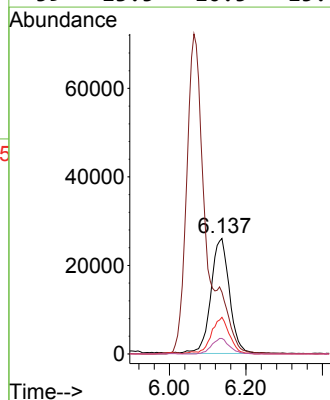
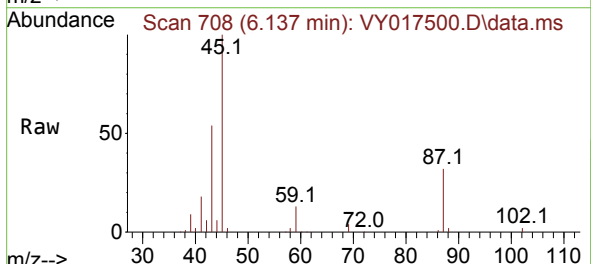
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBSD02

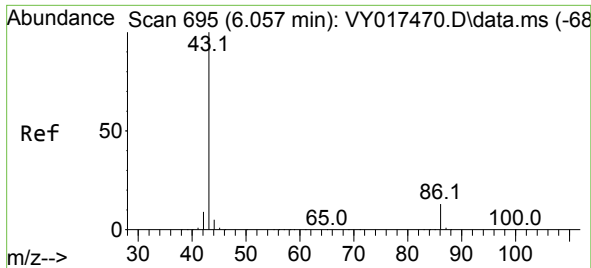
Tgt Ion: 96 Resp: 61799
Ion Ratio Lower Upper
96 100
61 112.2 97.5 146.3
98 64.1 50.5 75.7



#22
Diisopropyl ether
Concen: 24.086 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.012 min
Lab File: VY017500.D
Acq: 27 Feb 2024 16:40

Tgt Ion: 45 Resp: 87417
Ion Ratio Lower Upper
45 100
43 53.1 42.2 63.2
87 31.9 25.0 37.6
59 13.5 10.5 15.7





#23

Vinyl Acetate

Concen: 102.184 ug/l

RT: 6.064 min Scan# 695

Delta R.T. 0.006 min

Lab File: VY017500.D

Acq: 27 Feb 2024 16:40

Instrument :

MSVOA_Y

ClientSampleId :

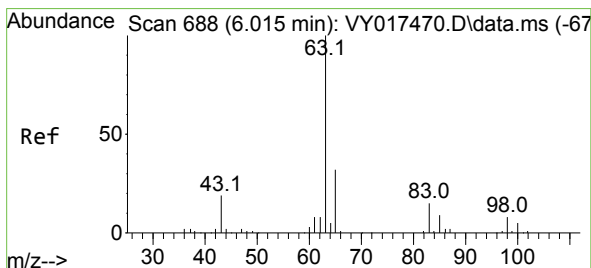
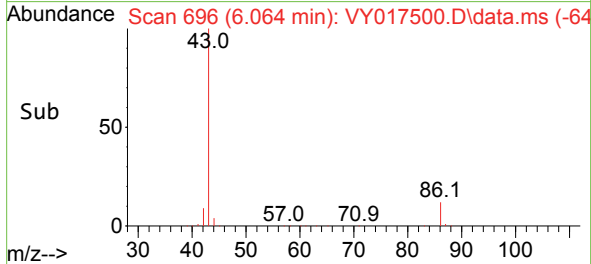
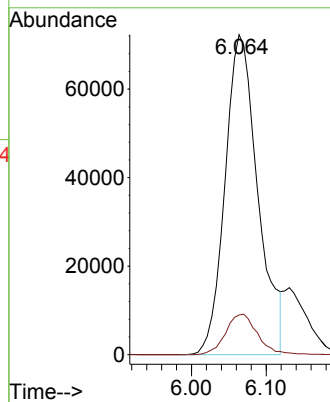
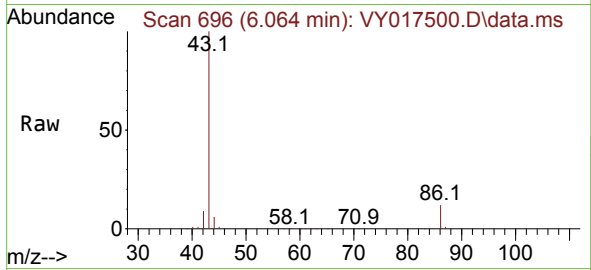
VY0227SBS02

Tgt Ion: 43 Resp: 220995

Ion Ratio Lower Upper

43 100

86 12.4 10.6 16.0



#24

1,1-Dichloroethane

Concen: 24.241 ug/l

RT: 5.997 min Scan# 685

Delta R.T. -0.018 min

Lab File: VY017500.D

Acq: 27 Feb 2024 16:40

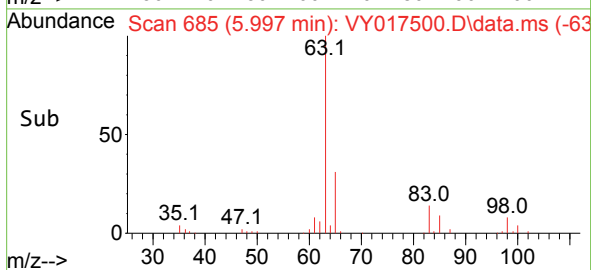
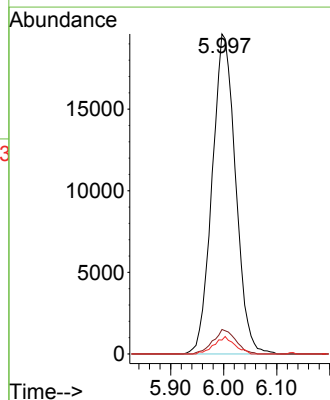
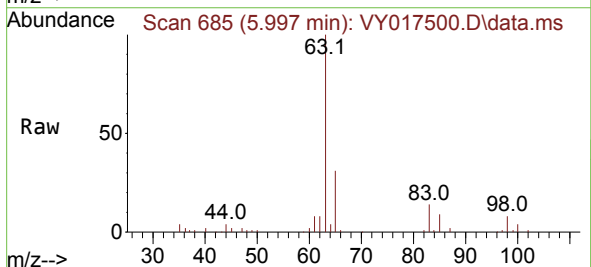
Tgt Ion: 63 Resp: 60107

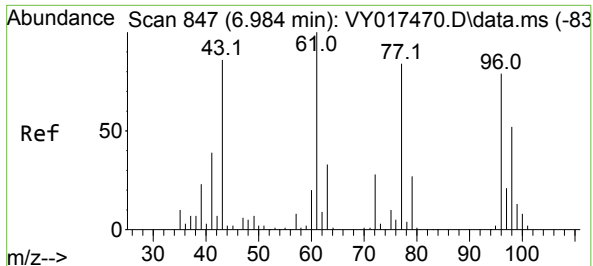
Ion Ratio Lower Upper

63 100

98 7.6 4.0 12.2

100 4.3 2.6 8.0

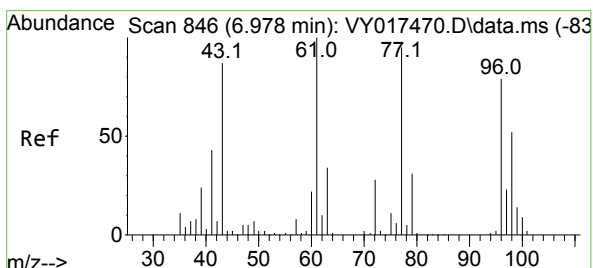
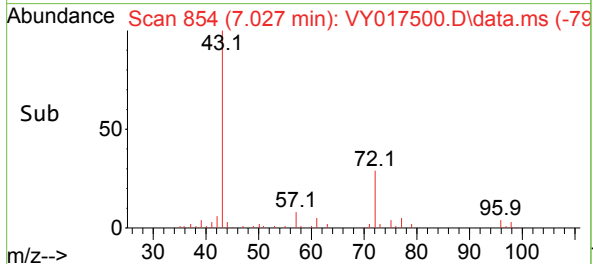
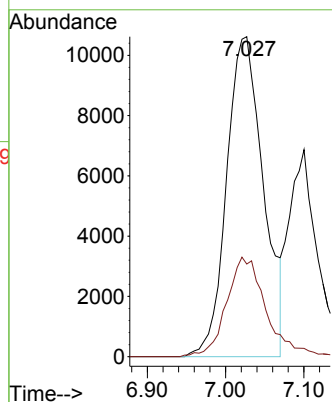
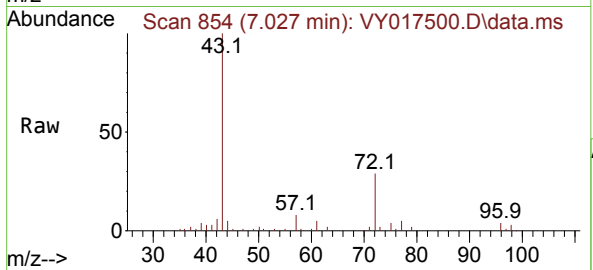




#25
2-Butanone
Concen: 96.027 ug/l
RT: 7.027 min Scan# 81
Delta R.T. 0.043 min
Lab File: VY017500.D
Acq: 27 Feb 2024 16:40

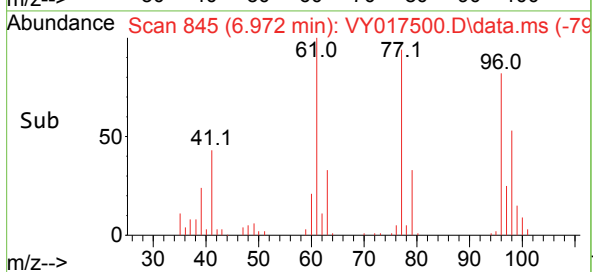
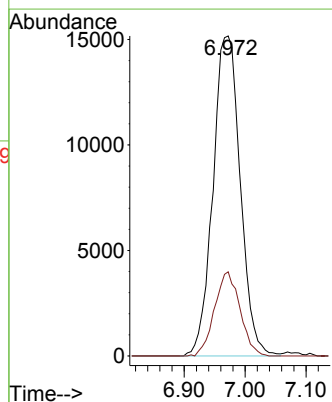
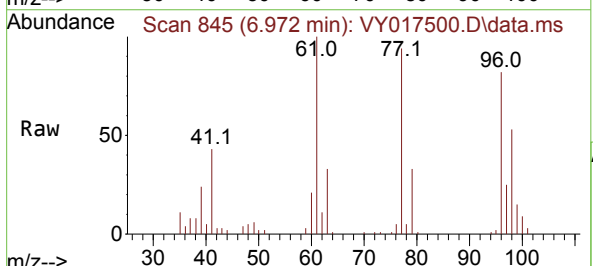
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS02

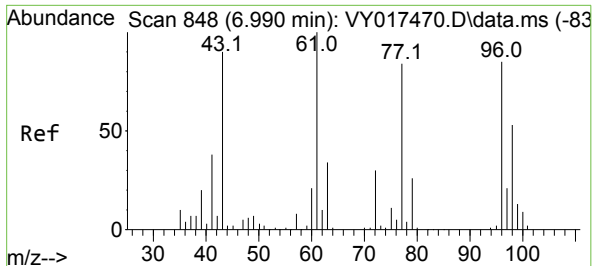
Tgt Ion: 43 Resp: 34663
Ion Ratio Lower Upper
43 100
72 28.9 27.3 40.9



#26
2,2-Dichloropropane
Concen: 22.664 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY017500.D
Acq: 27 Feb 2024 16:40

Tgt Ion: 77 Resp: 47247
Ion Ratio Lower Upper
77 100
97 24.5 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 21.674 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY017500.D

Acq: 27 Feb 2024 16:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0227SBSD02

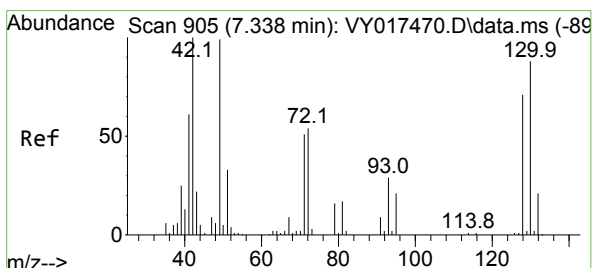
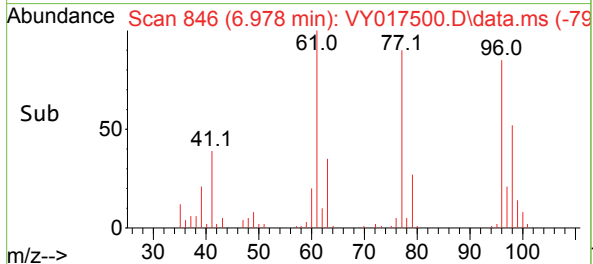
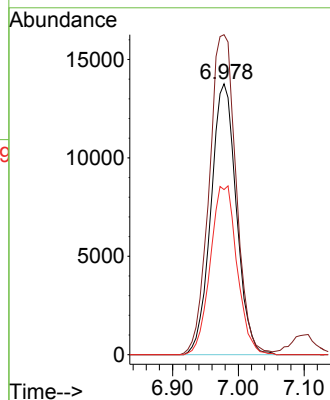
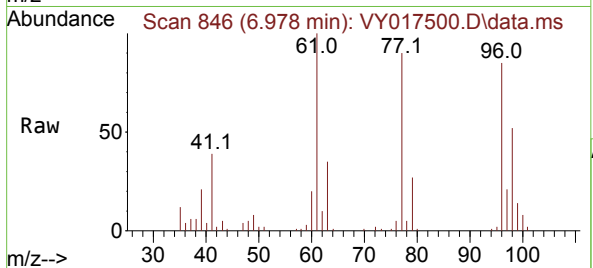
Tgt Ion: 96 Resp: 37088

Ion Ratio Lower Upper

96 100

61 125.0 0.0 256.2

98 65.4 0.0 130.0



#28

Bromochloromethane

Concen: 20.734 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.006 min

Lab File: VY017500.D

Acq: 27 Feb 2024 16:40

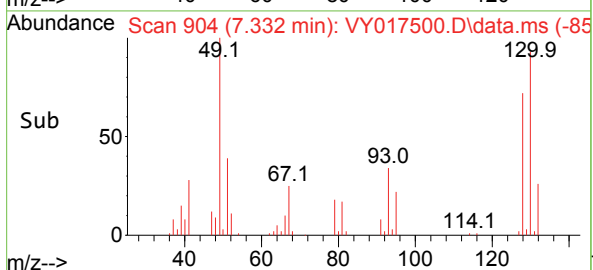
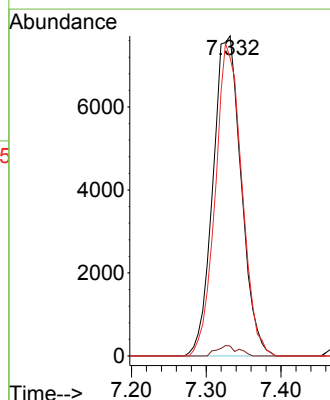
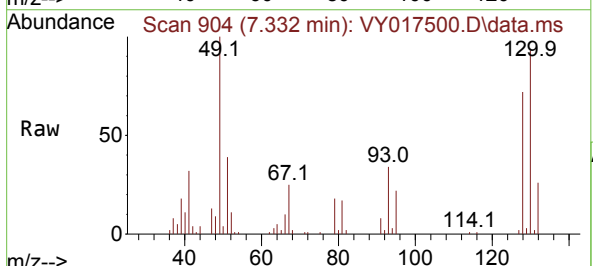
Tgt Ion: 49 Resp: 20247

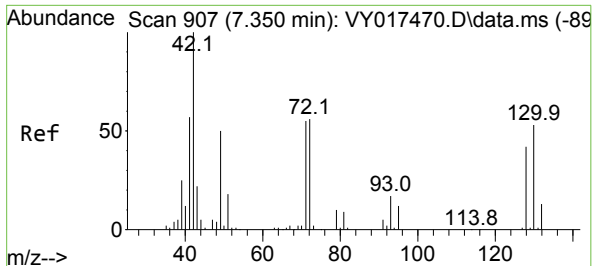
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 91.9 72.7 109.1





#29

Tetrahydrofuran

Concen: 92.993 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.025 min

Lab File: VY017500.D

Acq: 27 Feb 2024 16:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0227SBS02

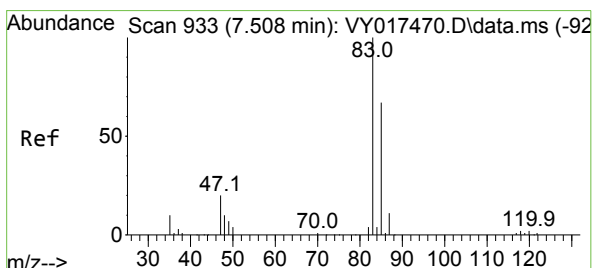
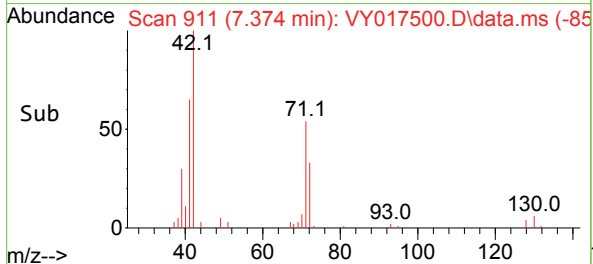
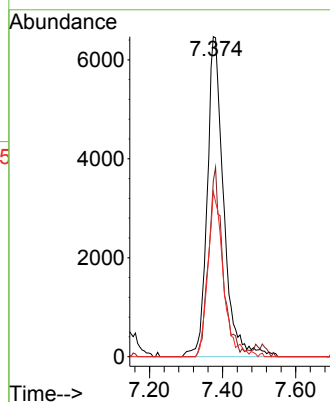
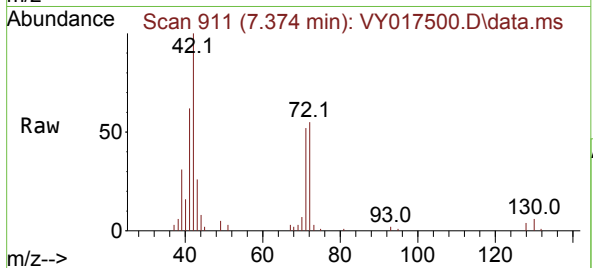
Tgt Ion: 42 Resp: 20235

Ion Ratio Lower Upper

42 100

72 50.8 43.0 64.4

71 47.9 40.8 61.2



#30

Chloroform

Concen: 23.180 ug/l

RT: 7.503 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY017500.D

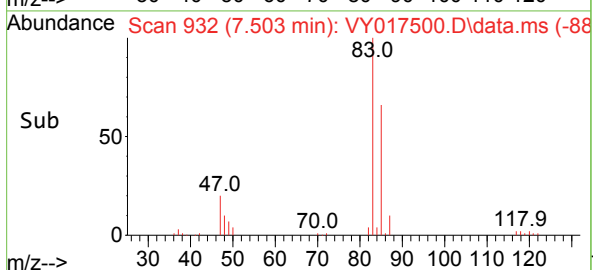
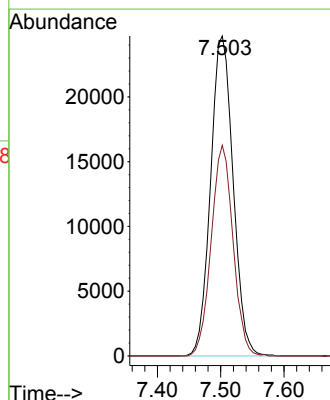
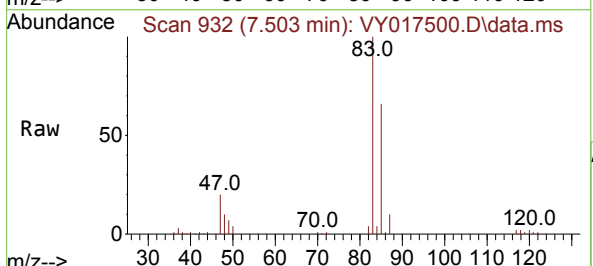
Acq: 27 Feb 2024 16:40

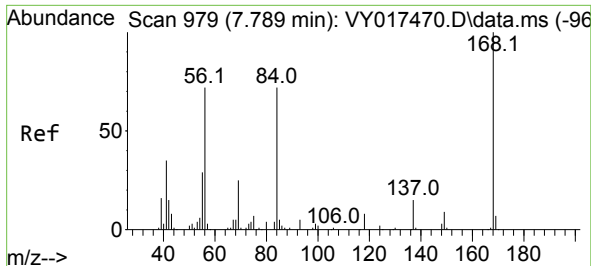
Tgt Ion: 83 Resp: 61192

Ion Ratio Lower Upper

83 100

85 65.9 52.2 78.4

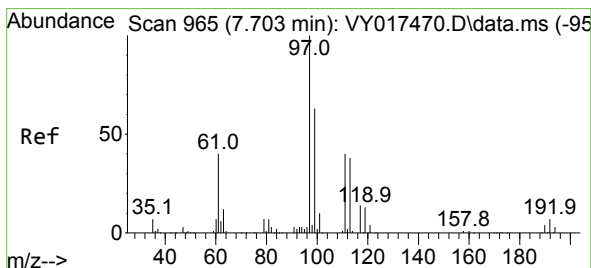
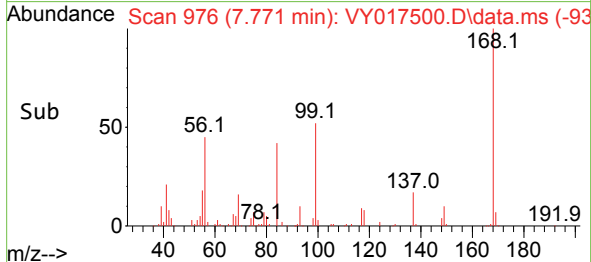
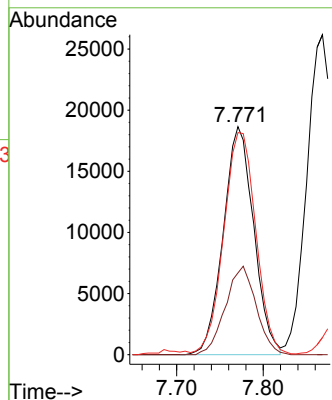
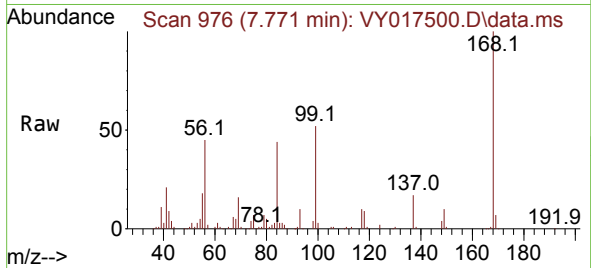




#31
Cyclohexane
Concen: 21.490 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY017500.D
Acq: 27 Feb 2024 16:40

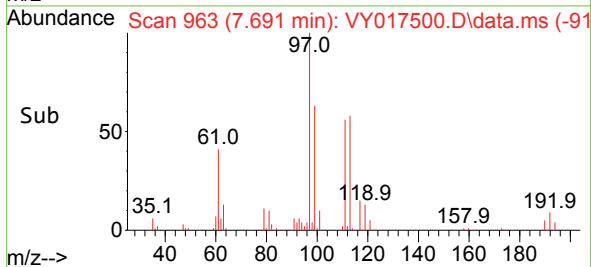
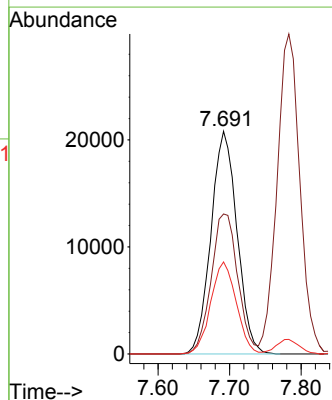
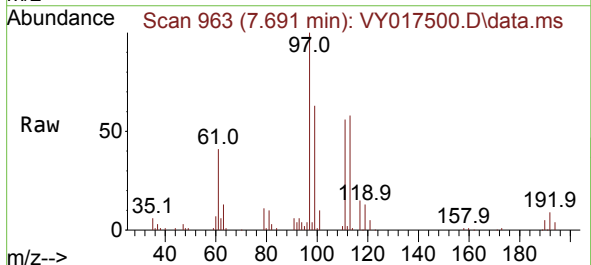
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS02

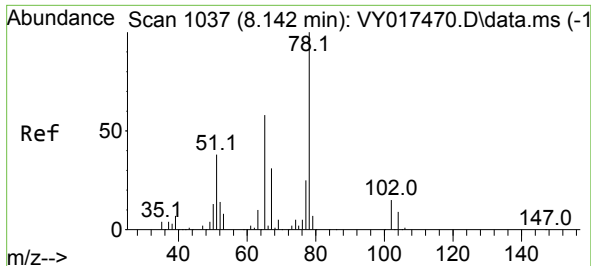
Tgt Ion: 56 Resp: 45672
Ion Ratio Lower Upper
56 100
69 35.8 28.7 43.1
84 96.2 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 22.952 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.012 min
Lab File: VY017500.D
Acq: 27 Feb 2024 16:40

Tgt Ion: 97 Resp: 52604
Ion Ratio Lower Upper
97 100
99 64.6 50.3 75.5
61 40.7 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 53.585 ug/l

RT: 8.137 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017500.D

Acq: 27 Feb 2024 16:40

Instrument :

MSVOA_Y

ClientSampleId :

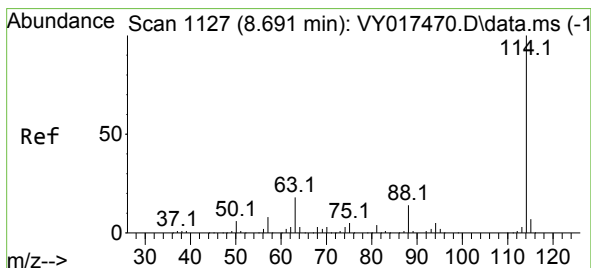
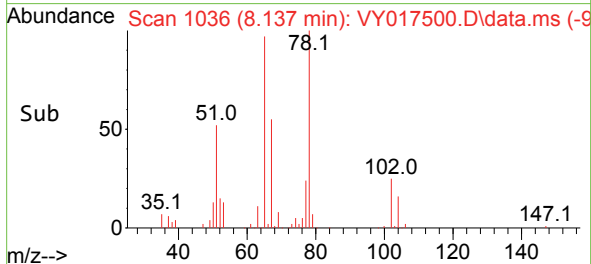
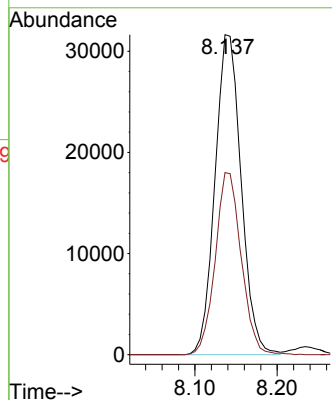
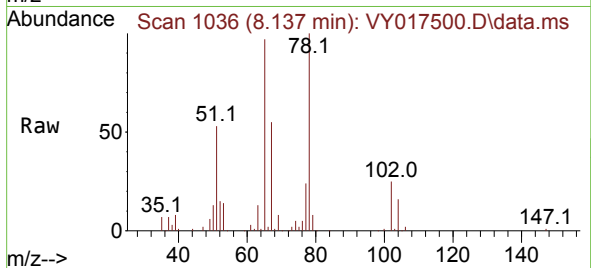
VY0227SBS02

Tgt Ion: 65 Resp: 69977

Ion Ratio Lower Upper

65 100

67 56.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY017500.D

Acq: 27 Feb 2024 16:40

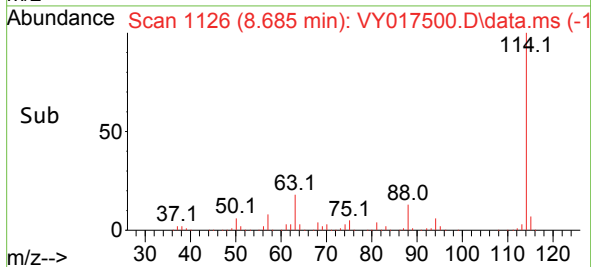
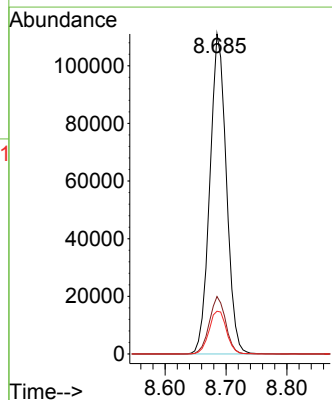
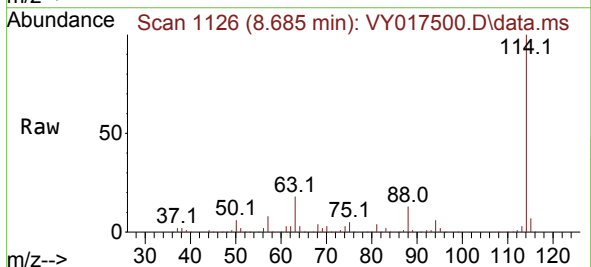
Tgt Ion: 114 Resp: 209031

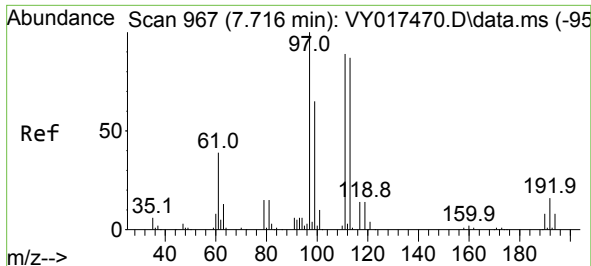
Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 13.3 0.0 27.2

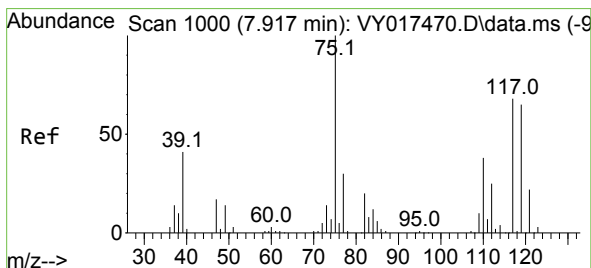
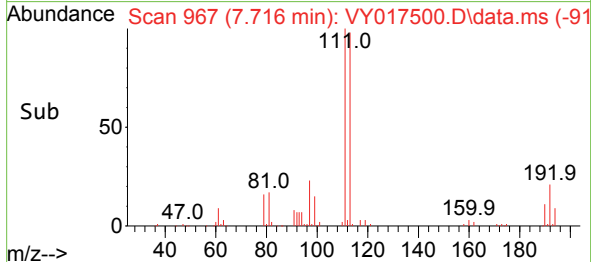
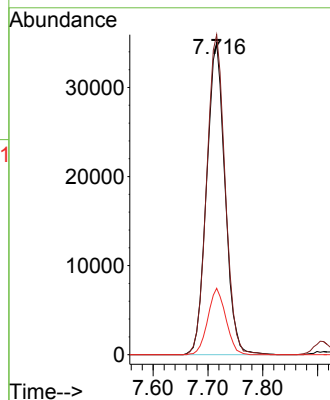
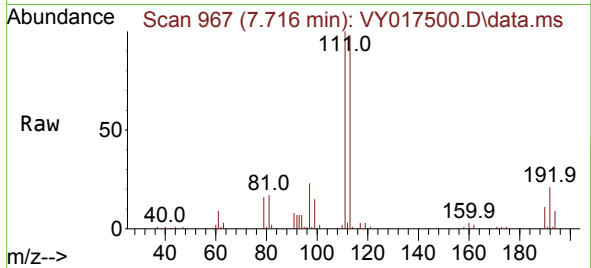




#35
Dibromofluoromethane
Concen: 55.891 ug/l
RT: 7.716 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY017500.D
Acq: 27 Feb 2024 16:40

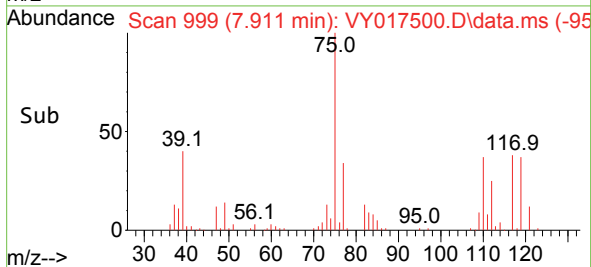
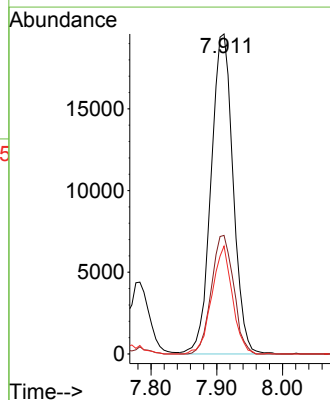
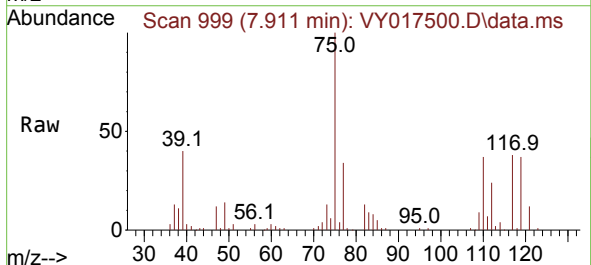
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBSD02

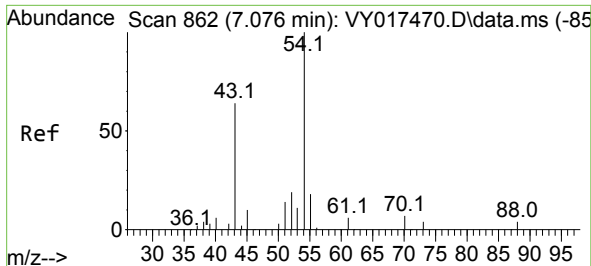
Tgt Ion:113 Resp: 81410
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 20.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 23.254 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY017500.D
Acq: 27 Feb 2024 16:40

Tgt Ion: 75 Resp: 45700
Ion Ratio Lower Upper
75 100
110 37.3 19.0 57.0
77 31.4 25.3 37.9





#37

Ethyl Acetate

Concen: 22.859 ug/l

RT: 7.100 min Scan# 80

Delta R.T. 0.025 min

Lab File: VY017500.D

Acq: 27 Feb 2024 16:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0227SBS02

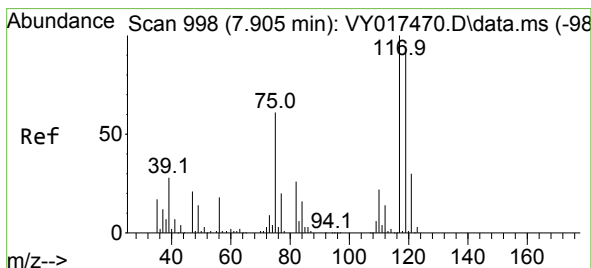
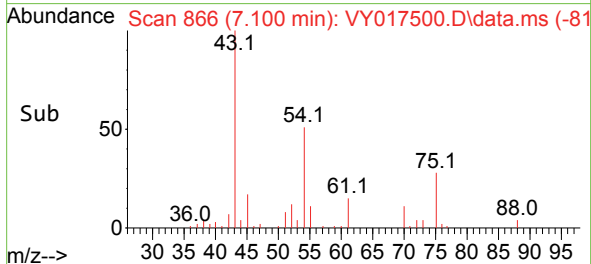
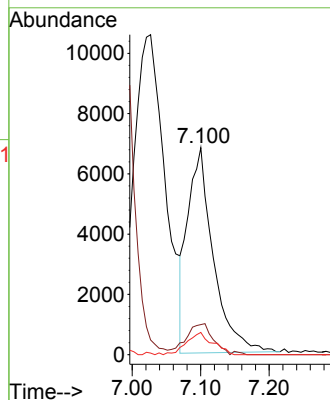
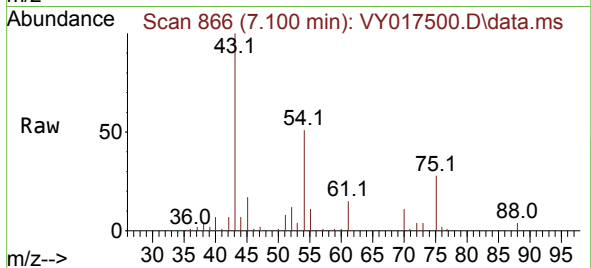
Tgt Ion: 43 Resp: 17743

Ion Ratio Lower Upper

43 100

61 15.8 12.6 19.0

70 11.1 7.8 11.8



#38

Carbon Tetrachloride

Concen: 23.920 ug/l

RT: 7.887 min Scan# 995

Delta R.T. -0.018 min

Lab File: VY017500.D

Acq: 27 Feb 2024 16:40

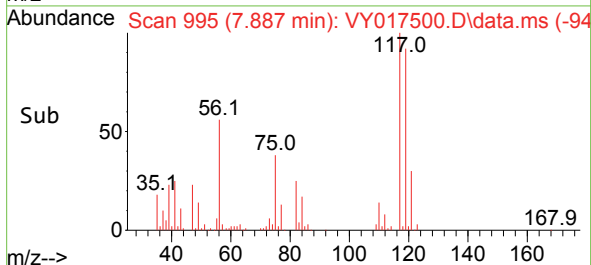
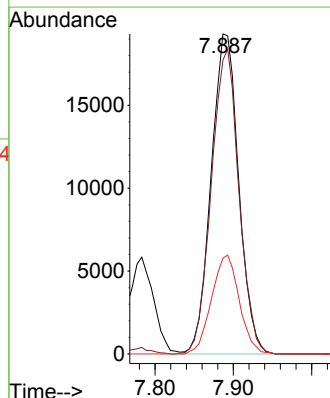
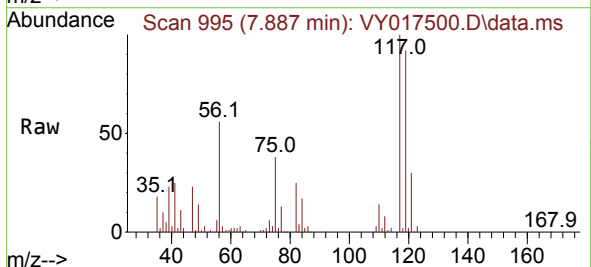
Tgt Ion: 117 Resp: 47113

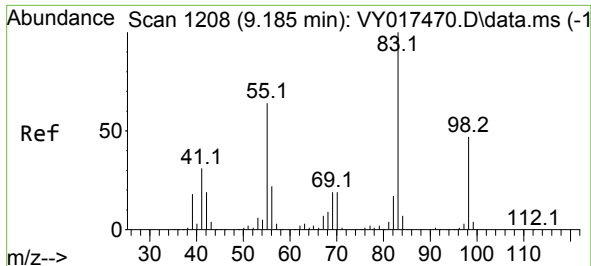
Ion Ratio Lower Upper

117 100

119 91.8 75.8 113.6

121 30.0 24.0 36.0

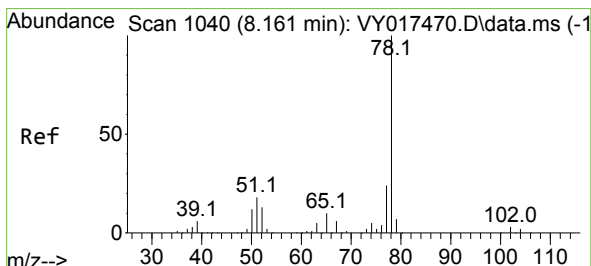
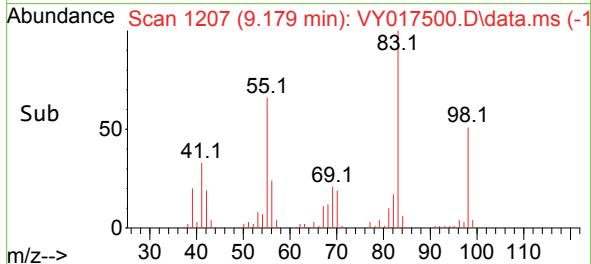
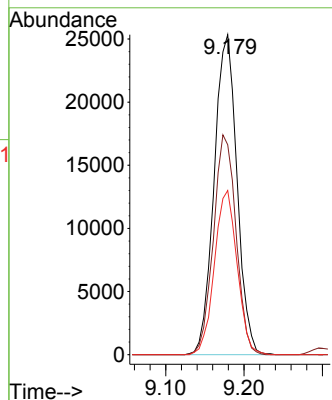
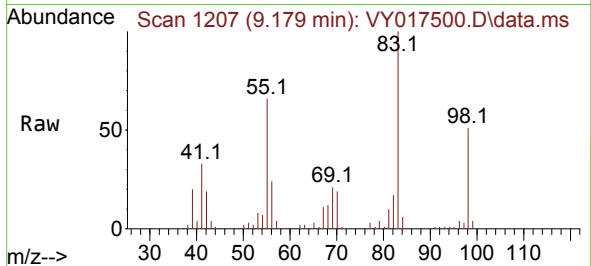




#39
Methylcyclohexane
Concen: 21.787 ug/l
RT: 9.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017500.D
Acq: 27 Feb 2024 16:40

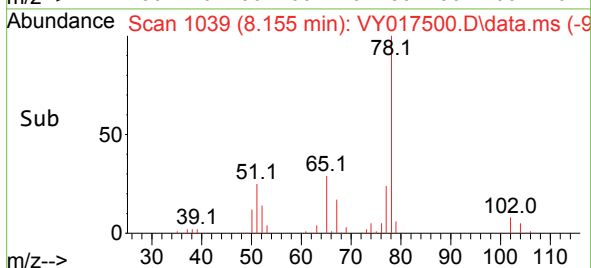
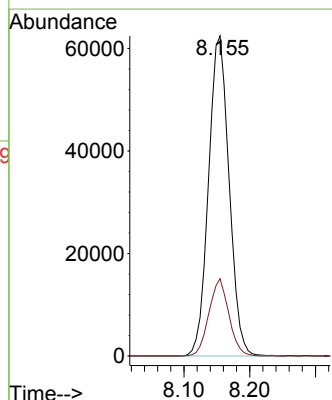
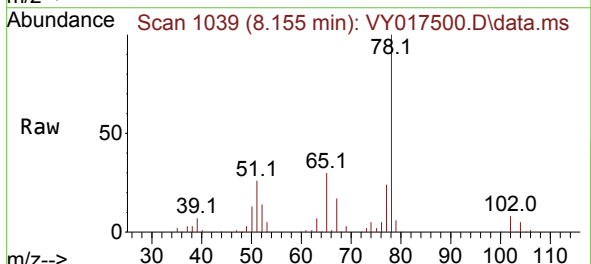
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS02

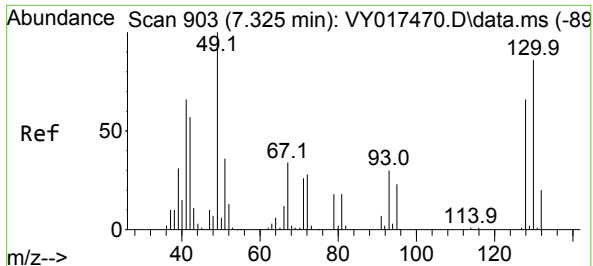
Tgt Ion: 83 Resp: 51456
Ion Ratio Lower Upper
83 100
55 65.6 51.5 77.3
98 51.3 40.5 60.7



#40
Benzene
Concen: 23.297 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY017500.D
Acq: 27 Feb 2024 16:40

Tgt Ion: 78 Resp: 135966
Ion Ratio Lower Upper
78 100
77 24.1 19.5 29.3



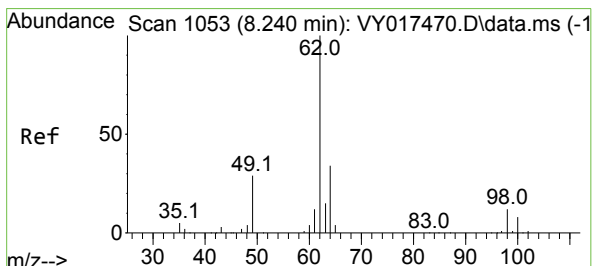
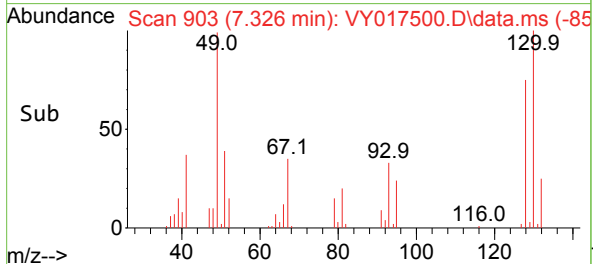
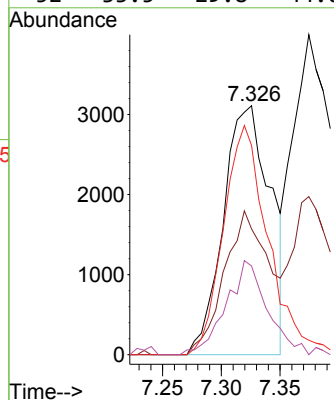
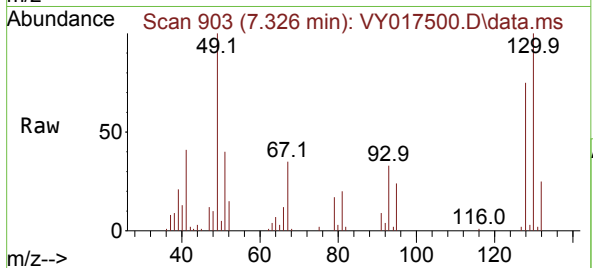


#41
Methacrylonitrile
Concen: 22.243 ug/l
RT: 7.326 min Scan# 903
Delta R.T. 0.000 min
Lab File: VY017500.D
Acq: 27 Feb 2024 16:40

Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBSD02

Tgt Ion: 41 Resp: 8664

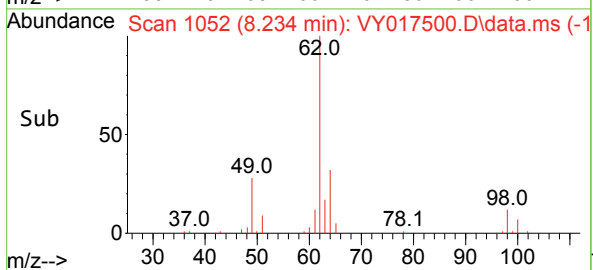
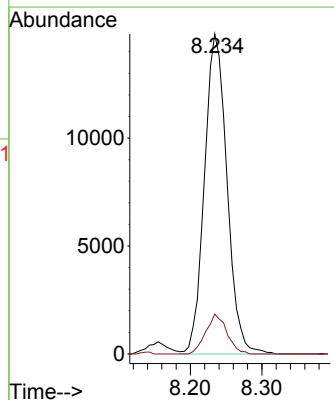
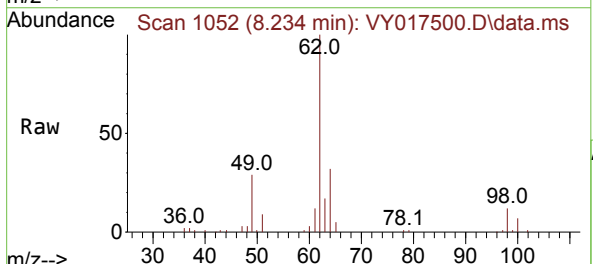
Ion	Ratio	Lower	Upper
41	100		
39	54.7	48.0	72.0
67	87.9	75.1	112.7
52	33.5	29.8	44.6

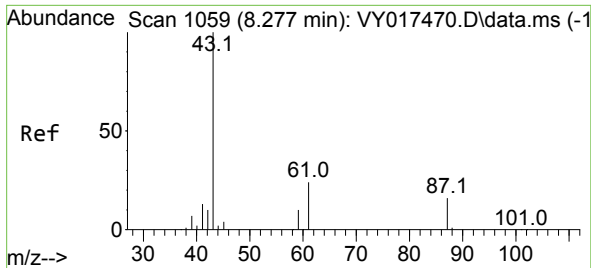


#42
1,2-Dichloroethane
Concen: 22.824 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY017500.D
Acq: 27 Feb 2024 16:40

Tgt Ion: 62 Resp: 32501

Ion	Ratio	Lower	Upper
62	100		
98	11.6	0.0	22.0

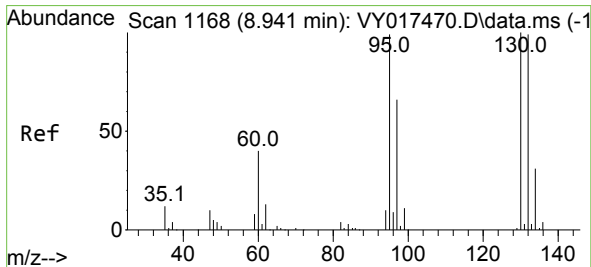
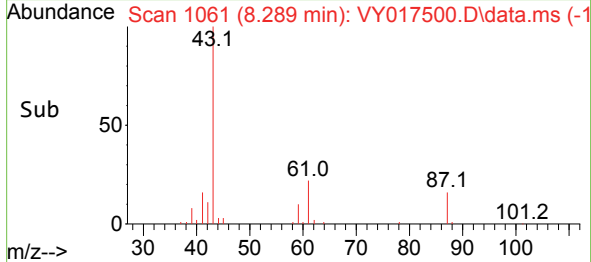
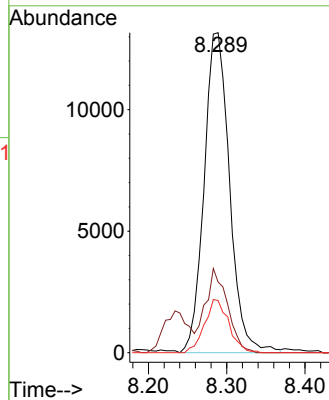
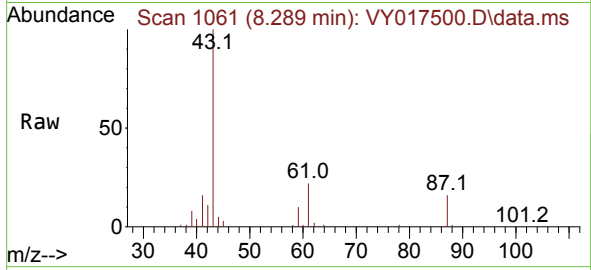




#43
Isopropyl Acetate
Concen: 21.787 ug/l
RT: 8.289 min Scan# 1061
Delta R.T. 0.012 min
Lab File: VY017500.D
Acq: 27 Feb 2024 16:40

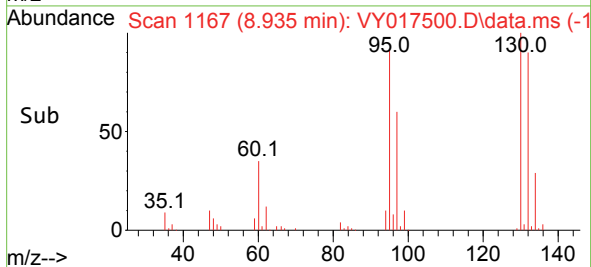
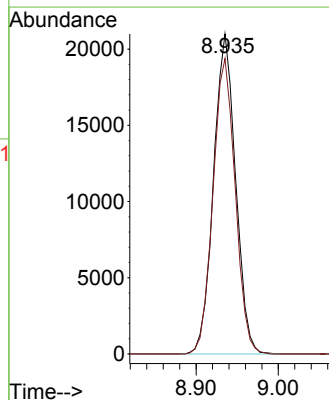
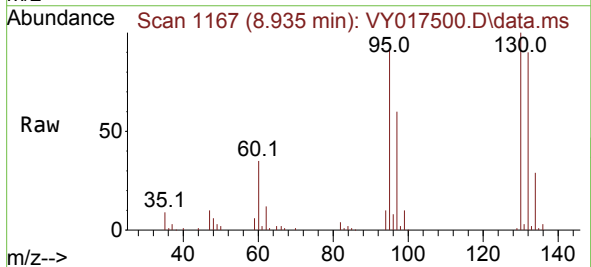
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS02

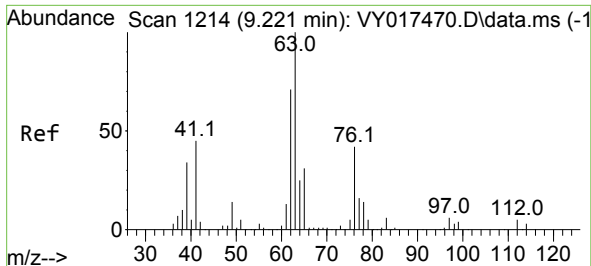
Tgt Ion: 43 Resp: 29717
Ion Ratio Lower Upper
43 100
61 23.0 27.9 41.9#
87 15.8 13.1 19.7



#44
Trichloroethene
Concen: 23.251 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY017500.D
Acq: 27 Feb 2024 16:40

Tgt Ion: 130 Resp: 39112
Ion Ratio Lower Upper
130 100
95 92.3 0.0 188.0





#45

1,2-Dichloropropane

Concen: 23.513 ug/l

RT: 9.216 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017500.D

Acq: 27 Feb 2024 16:40

Instrument :

MSVOA_Y

ClientSampleId :

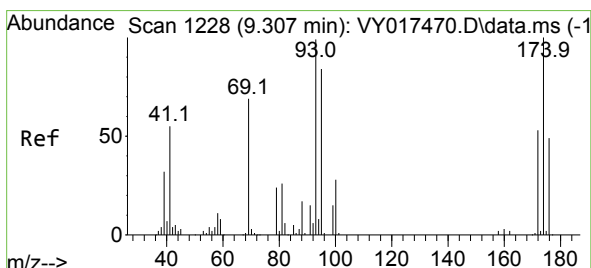
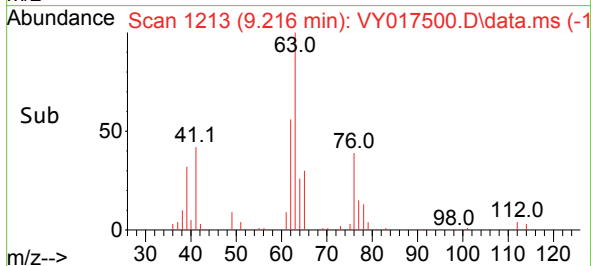
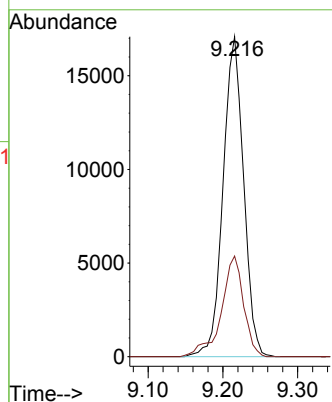
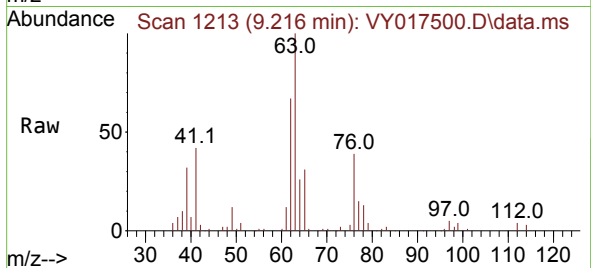
VY0227SBS02

Tgt Ion: 63 Resp: 32649

Ion Ratio Lower Upper

63 100

65 31.5 25.4 38.2



#46

Dibromomethane

Concen: 22.641 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY017500.D

Acq: 27 Feb 2024 16:40

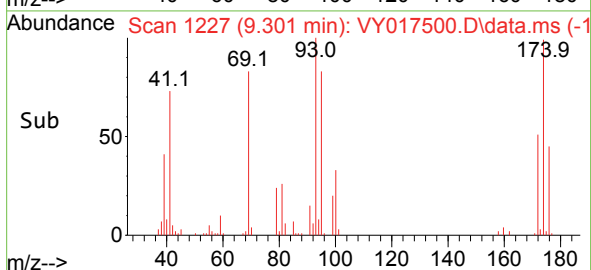
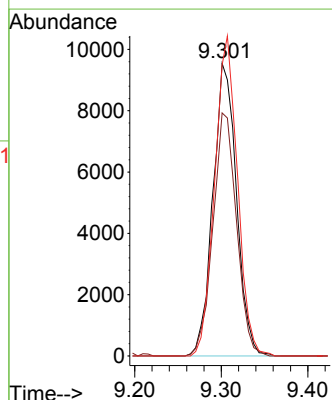
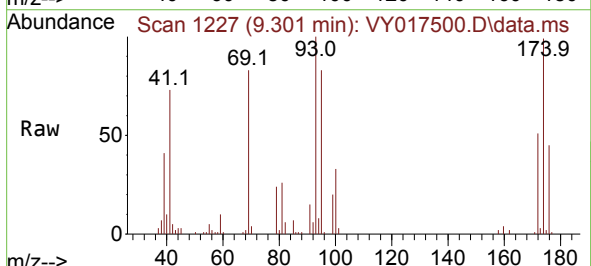
Tgt Ion: 93 Resp: 17992

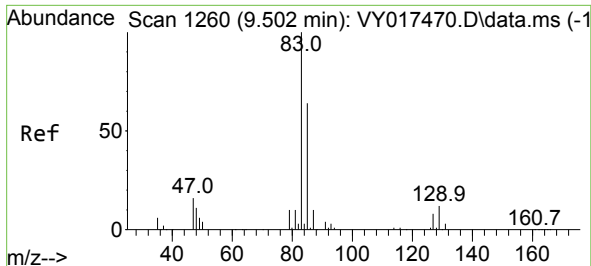
Ion Ratio Lower Upper

93 100

95 83.3 66.2 99.4

174 106.2 80.9 121.3

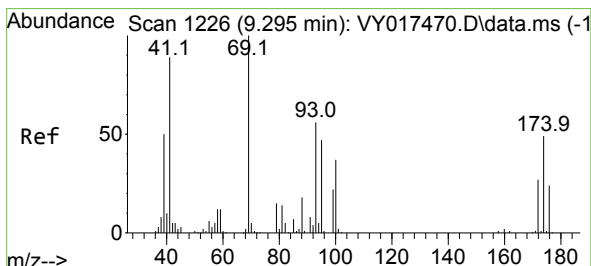
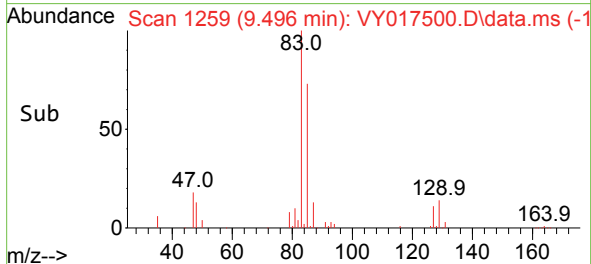
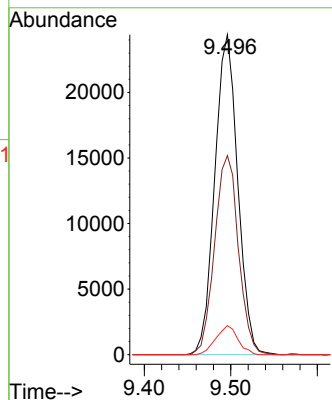
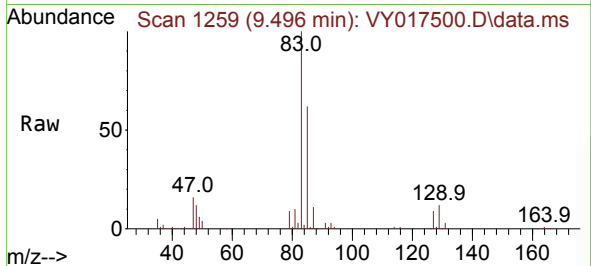




#47
Bromodichloromethane
Concen: 23.294 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY017500.D
Acq: 27 Feb 2024 16:40

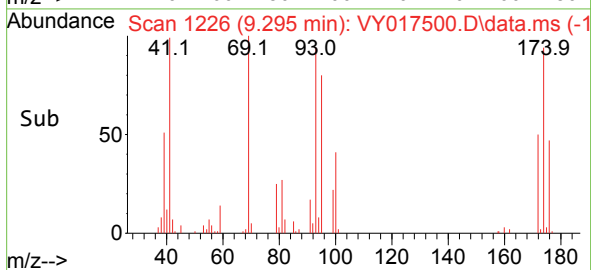
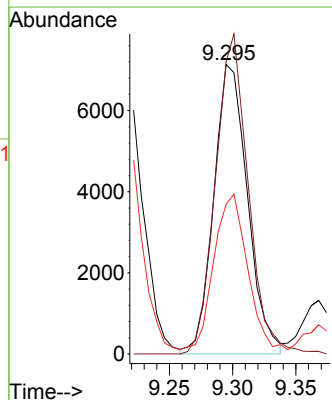
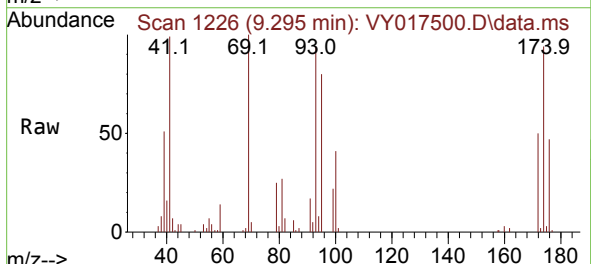
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBSD02

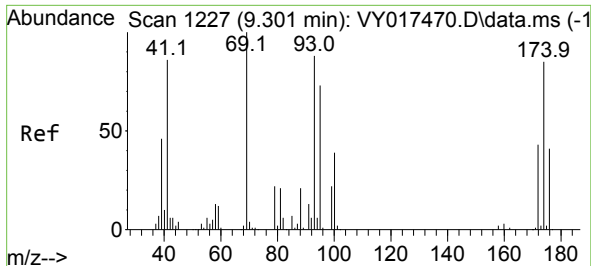
Tgt Ion: 83	Resp: 44947		
Ion Ratio	Lower	Upper	
83	100		
85	62.2	50.1	75.1
127	9.1	7.4	11.0



#48
Methyl methacrylate
Concen: 20.947 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY017500.D
Acq: 27 Feb 2024 16:40

Tgt Ion: 41	Resp: 13225		
Ion Ratio	Lower	Upper	
41	100		
69	107.4	84.1	126.1
39	55.1	43.6	65.4





#49

1,4-Dioxane

Concen: 179.132 ug/l

RT: 9.356 min Scan# 1

Delta R.T. 0.055 min

Lab File: VY017500.D

Acq: 27 Feb 2024 16:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0227SBS02

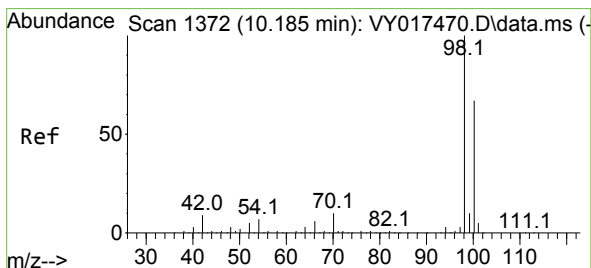
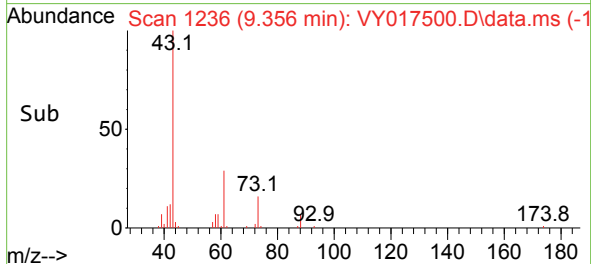
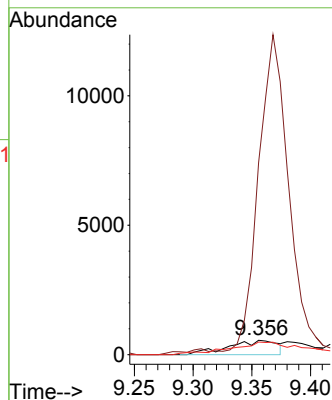
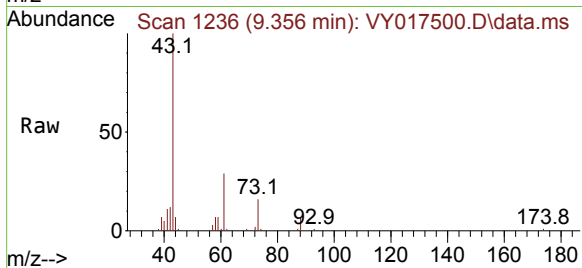
Tgt Ion: 88 Resp: 1611

Ion Ratio Lower Upper

88 100

43 1370.6 0.0 0.0#

58 129.3 49.3 73.9#



#50

Toluene-d8

Concen: 60.802 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY017500.D

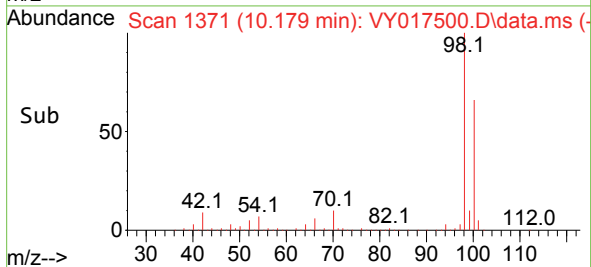
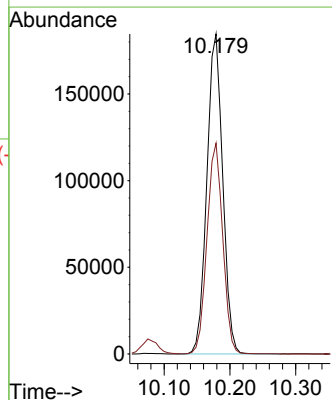
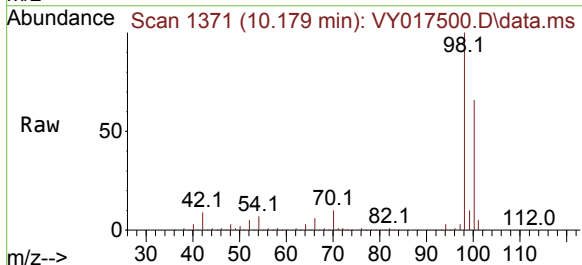
Acq: 27 Feb 2024 16:40

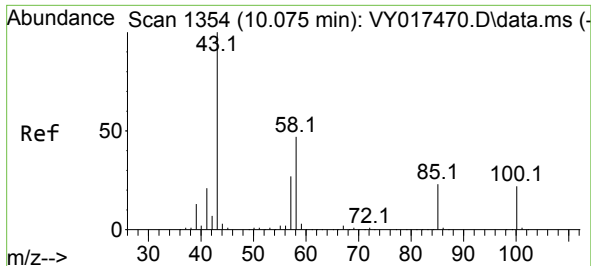
Tgt Ion: 98 Resp: 309653

Ion Ratio Lower Upper

98 100

100 65.5 52.0 78.0

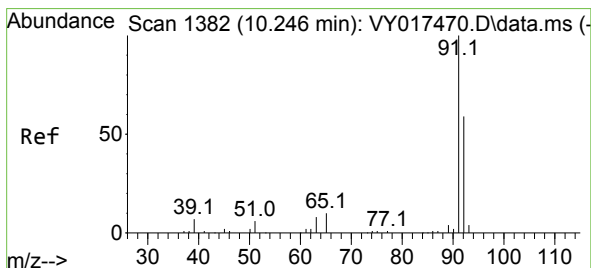
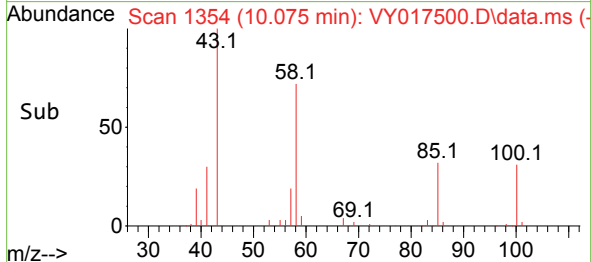
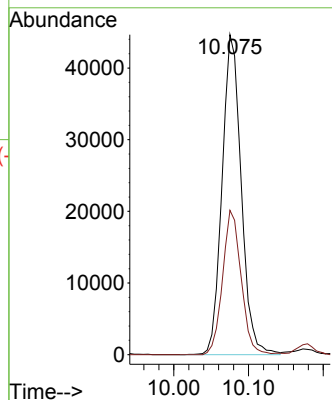
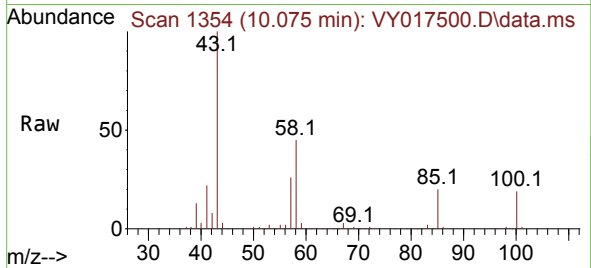




#51
4-Methyl-2-Pentanone
Concen: 104.762 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY017500.D
Acq: 27 Feb 2024 16:40

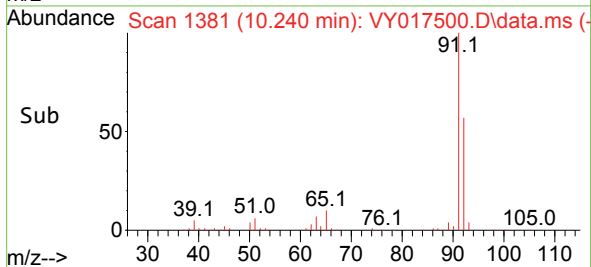
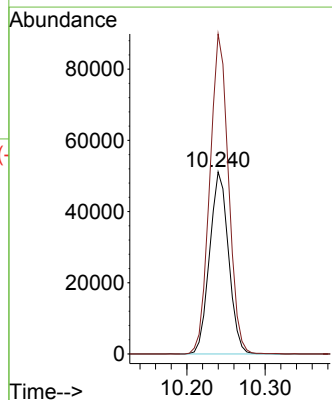
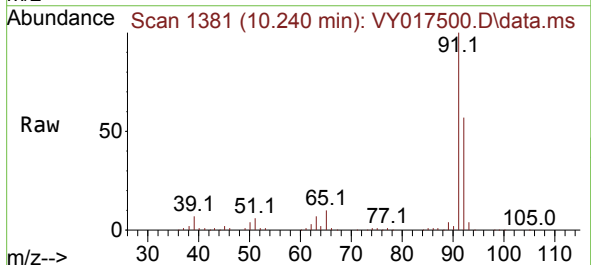
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS02

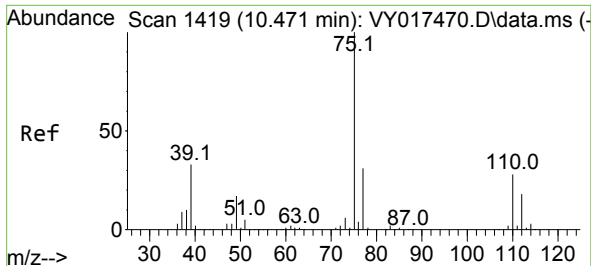
Tgt Ion: 43 Resp: 79640
Ion Ratio Lower Upper
43 100
58 43.7 35.7 53.5



#52
Toluene
Concen: 23.310 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY017500.D
Acq: 27 Feb 2024 16:40

Tgt Ion: 92 Resp: 85763
Ion Ratio Lower Upper
92 100
91 173.7 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 21.886 ug/l

RT: 10.465 min Scan# 1419

Delta R.T. -0.006 min

Lab File: VY017500.D

Acq: 27 Feb 2024 16:40

Instrument :

MSVOA_Y

ClientSampleId :

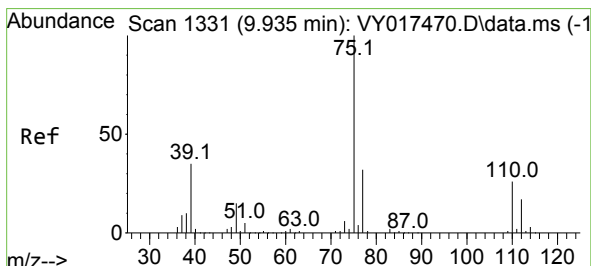
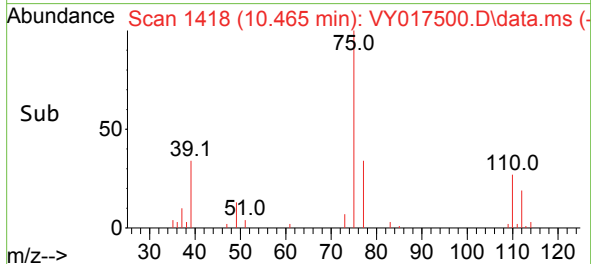
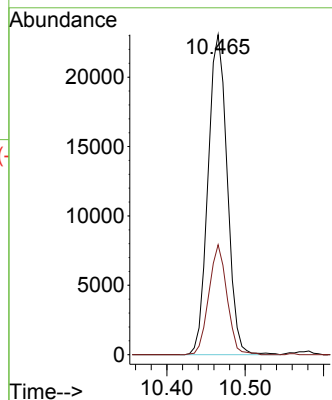
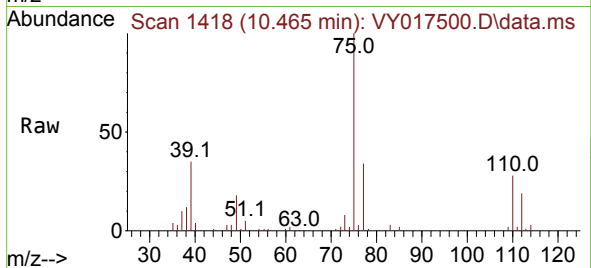
VY0227SBS02

Tgt Ion: 75 Resp: 39196

Ion Ratio Lower Upper

75 100

77 34.4 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 22.445 ug/l

RT: 9.929 min Scan# 1330

Delta R.T. -0.006 min

Lab File: VY017500.D

Acq: 27 Feb 2024 16:40

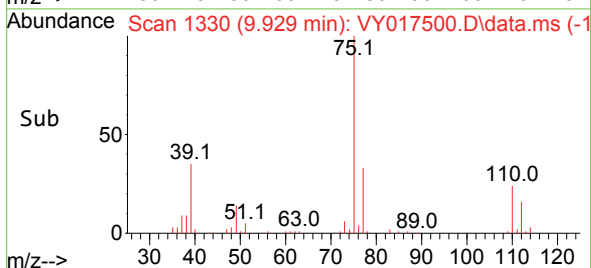
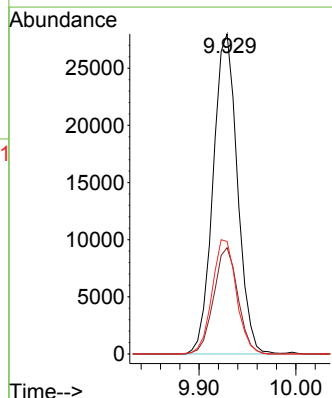
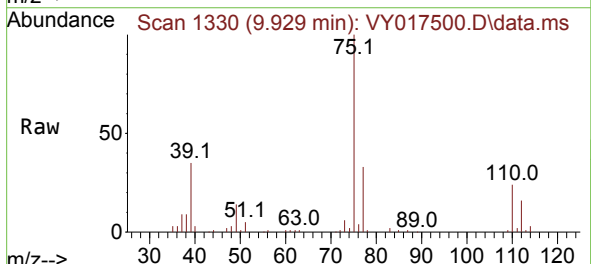
Tgt Ion: 75 Resp: 48843

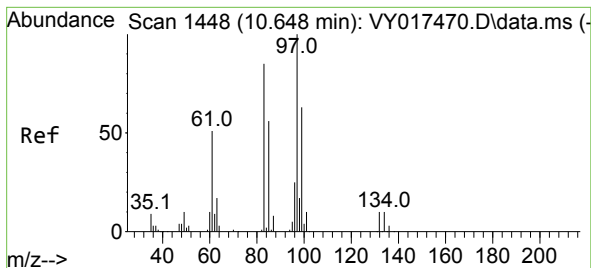
Ion Ratio Lower Upper

75 100

77 33.2 25.4 38.0

39 35.2 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 22.340 ug/l

RT: 10.642 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY017500.D

Acq: 27 Feb 2024 16:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0227SBS02

Tgt Ion: 97 Resp: 25206

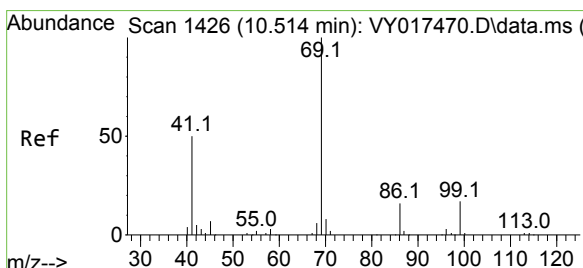
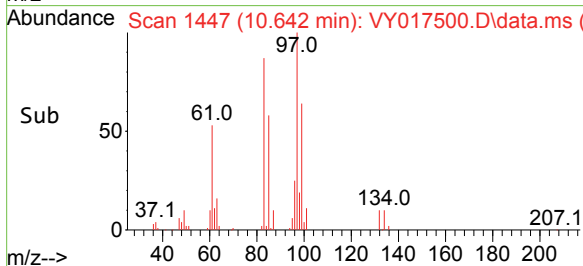
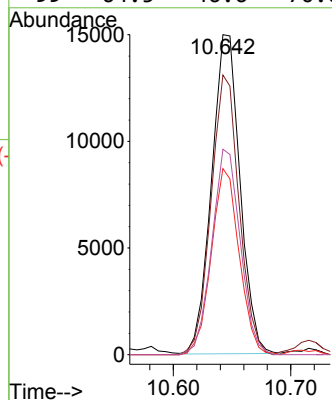
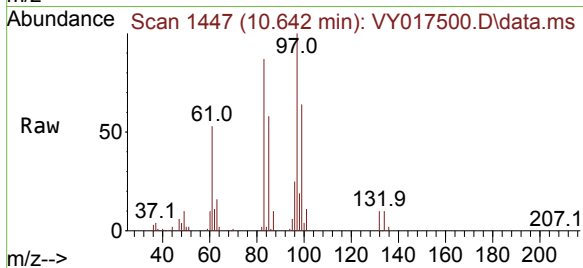
Ion Ratio Lower Upper

97 100

83 87.7 67.5 101.3

85 58.4 42.9 64.3

99 64.5 46.6 70.0



#56

Ethyl methacrylate

Concen: 20.838 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.000 min

Lab File: VY017500.D

Acq: 27 Feb 2024 16:40

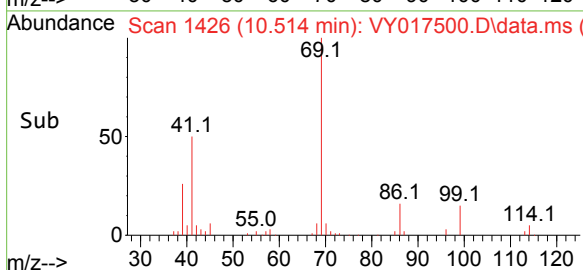
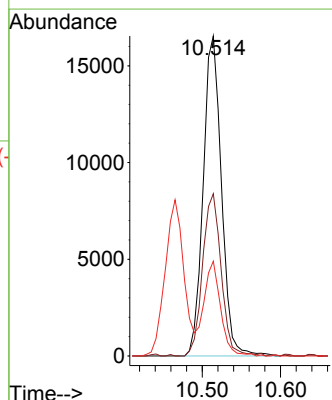
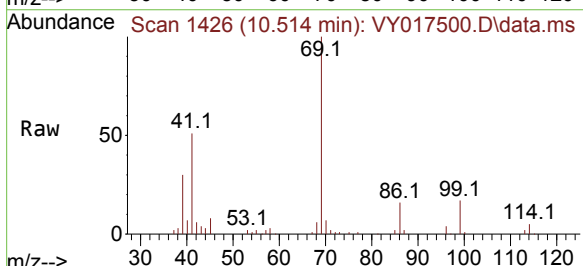
Tgt Ion: 69 Resp: 26761

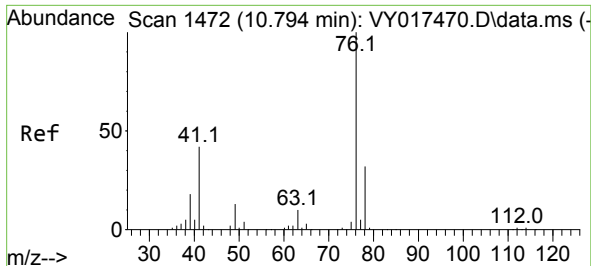
Ion Ratio Lower Upper

69 100

41 51.8 42.3 63.5

39 27.4 22.9 34.3





#57

1,3-Dichloropropane

Concen: 22.586 ug/l

RT: 10.788 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VY017500.D

Acq: 27 Feb 2024 16:40

Instrument :

MSVOA_Y

ClientSampleId :

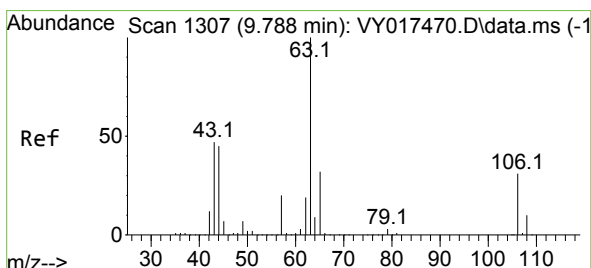
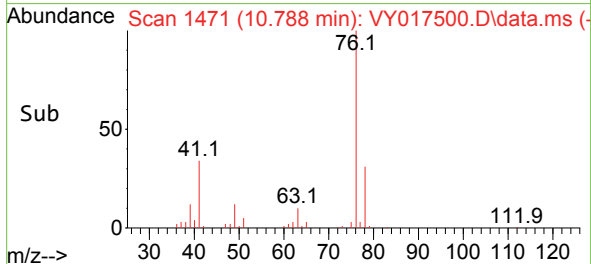
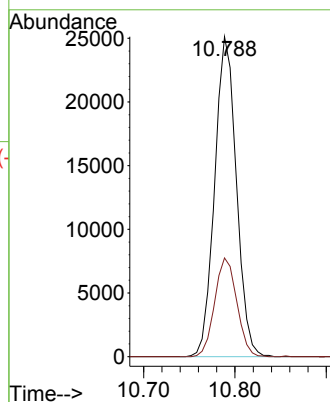
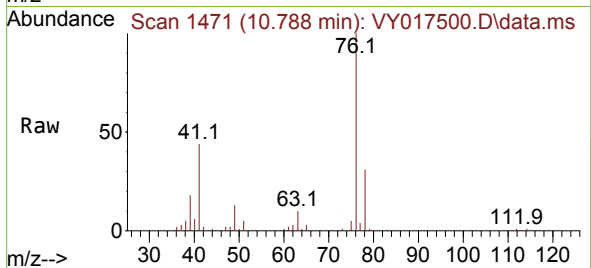
VY0227SBS02

Tgt Ion: 76 Resp: 41432

Ion Ratio Lower Upper

76 100

78 31.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 103.391 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VY017500.D

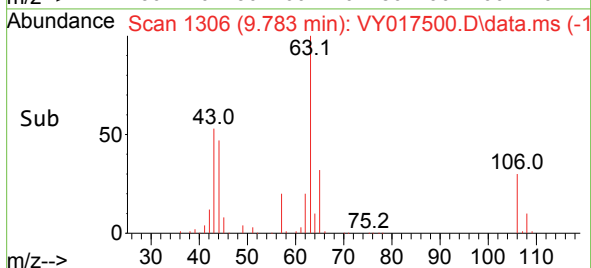
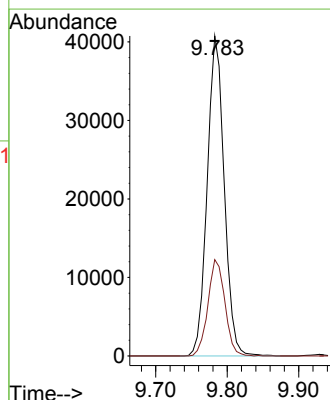
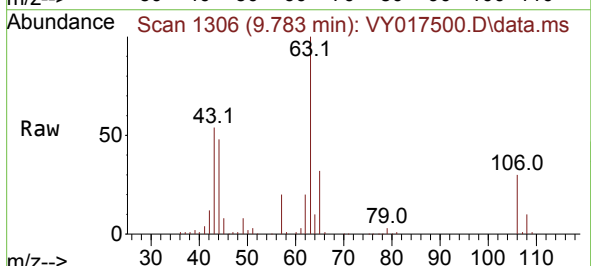
Acq: 27 Feb 2024 16:40

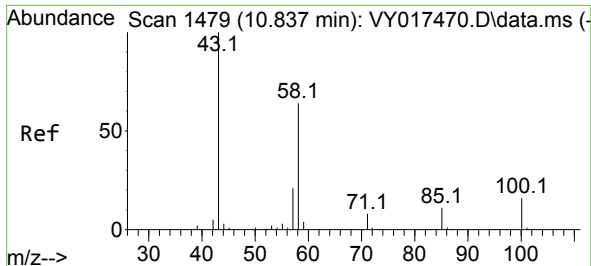
Tgt Ion: 63 Resp: 67315

Ion Ratio Lower Upper

63 100

106 30.1 23.7 35.5

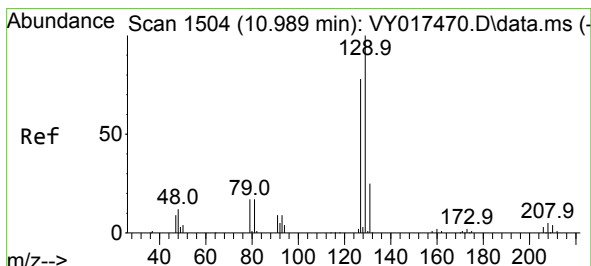
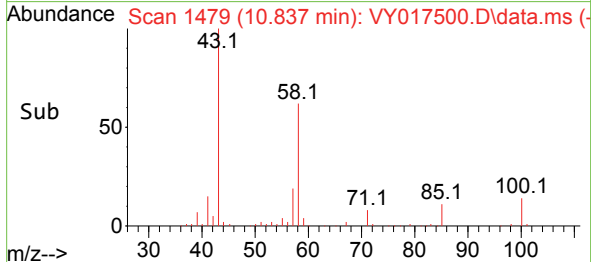
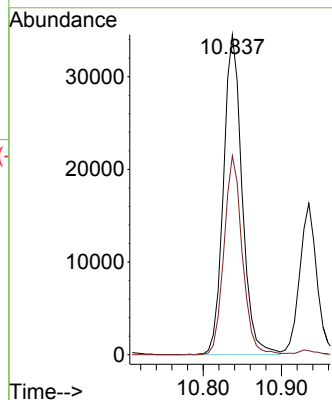
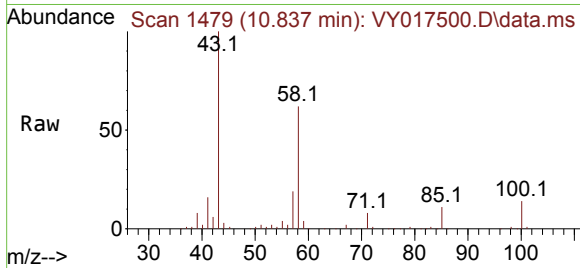




#59
2-Hexanone
Concen: 109.253 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017500.D
Acq: 27 Feb 2024 16:40

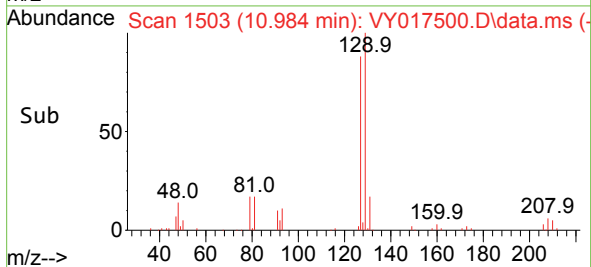
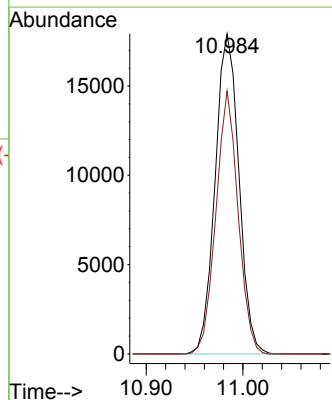
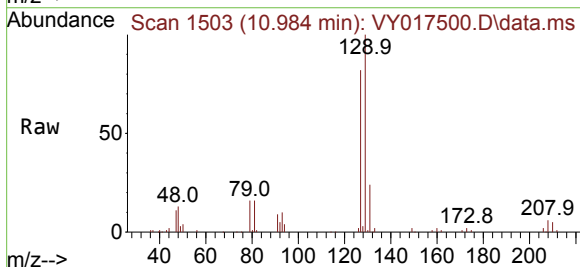
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS02

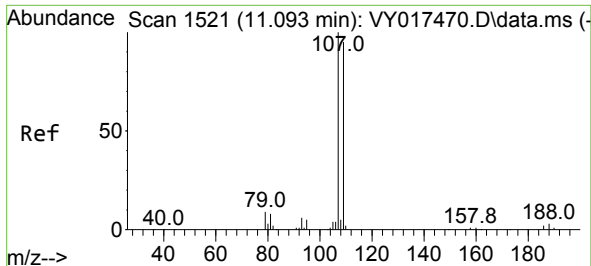
Tgt Ion: 43 Resp: 57048
Ion Ratio Lower Upper
43 100
58 60.9 31.4 94.0



#60
Dibromochloromethane
Concen: 22.885 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.006 min
Lab File: VY017500.D
Acq: 27 Feb 2024 16:40

Tgt Ion: 129 Resp: 30546
Ion Ratio Lower Upper
129 100
127 76.6 39.0 117.0

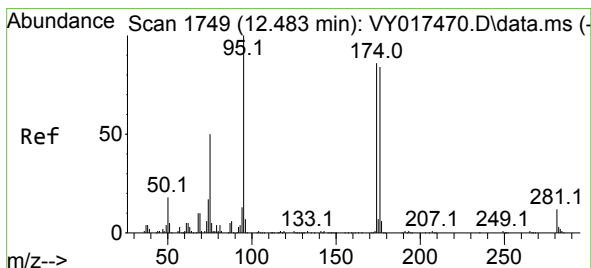
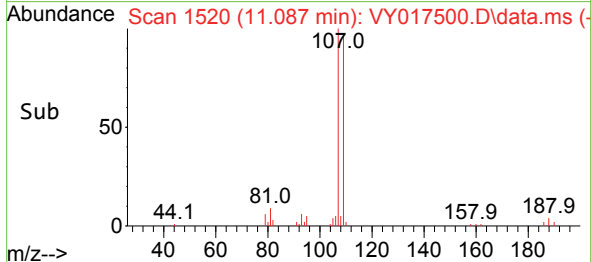
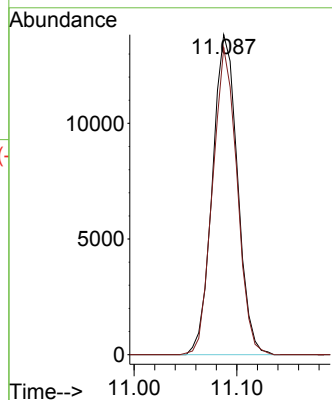
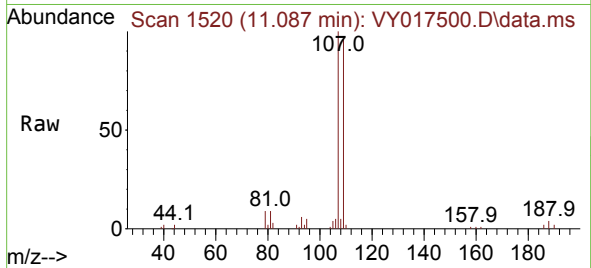




#61
1,2-Dibromoethane
Concen: 22.523 ug/l
RT: 11.087 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VY017500.D
Acq: 27 Feb 2024 16:40

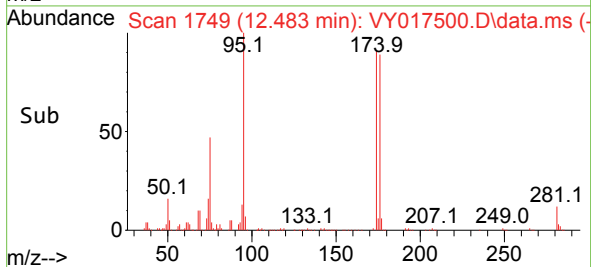
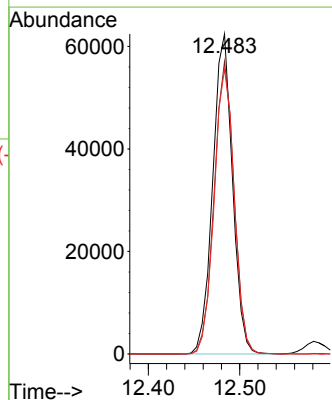
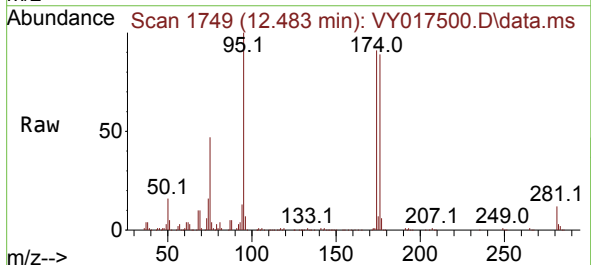
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBSD02

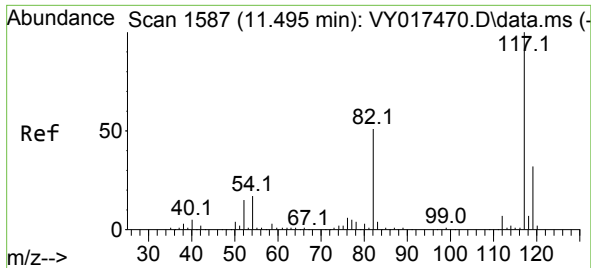
Tgt Ion:107 Resp: 23418
Ion Ratio Lower Upper
107 100
109 93.6 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 58.528 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017500.D
Acq: 27 Feb 2024 16:40

Tgt Ion: 95 Resp: 93676
Ion Ratio Lower Upper
95 100
174 92.4 0.0 175.6
176 90.4 0.0 171.4

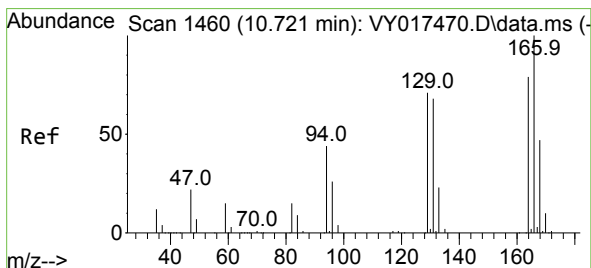
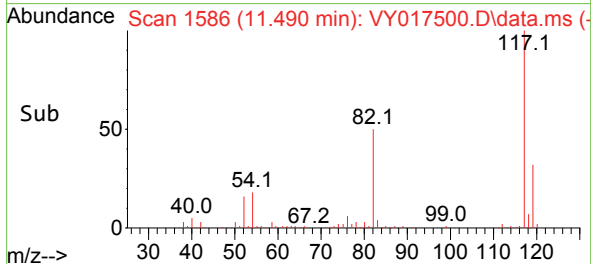
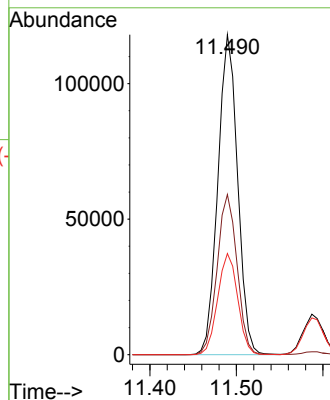
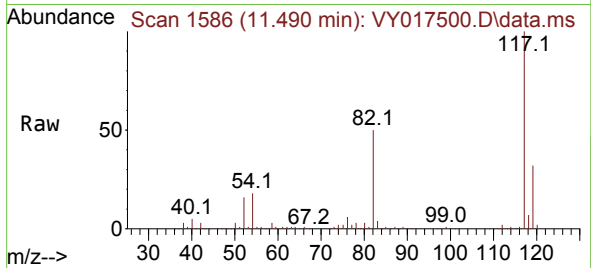




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017500.D
Acq: 27 Feb 2024 16:40

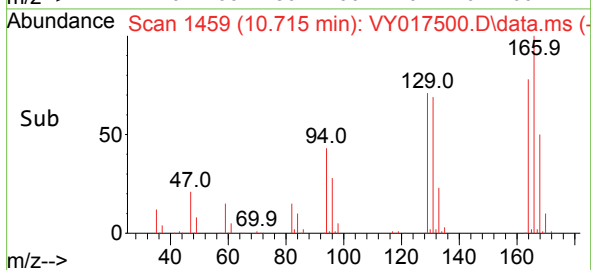
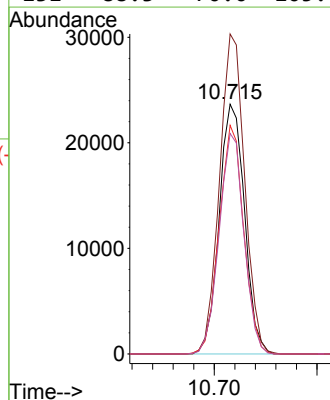
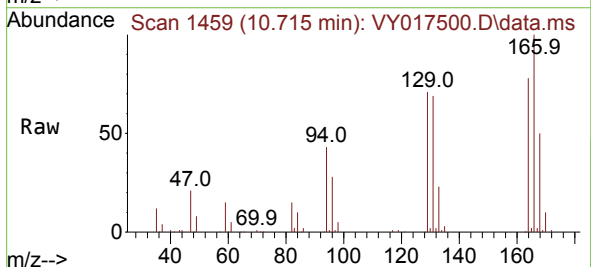
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS02

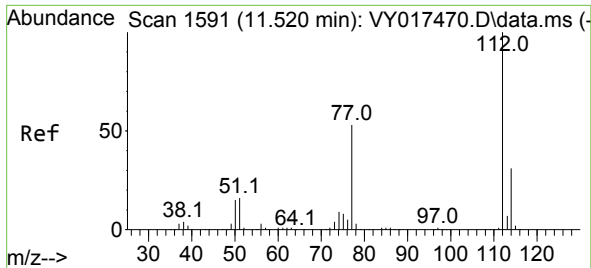
Tgt Ion:117 Resp: 186999
Ion Ratio Lower Upper
117 100
82 50.1 42.4 63.6
119 31.6 25.9 38.9



#64
Tetrachloroethene
Concen: 22.542 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY017500.D
Acq: 27 Feb 2024 16:40

Tgt Ion:164 Resp: 40460
Ion Ratio Lower Upper
164 100
166 128.1 102.6 154.0
129 91.5 72.0 108.0
131 88.3 70.0 105.0

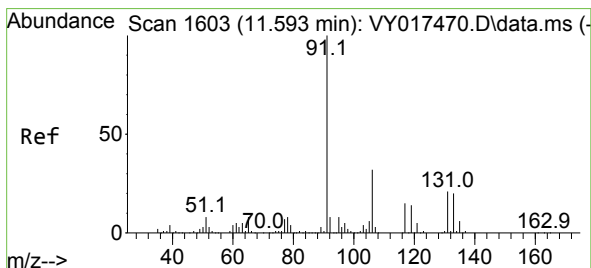
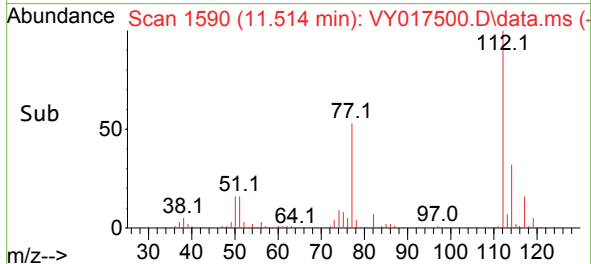
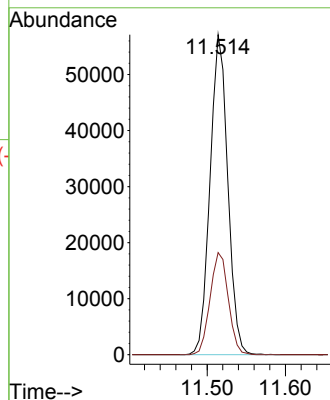
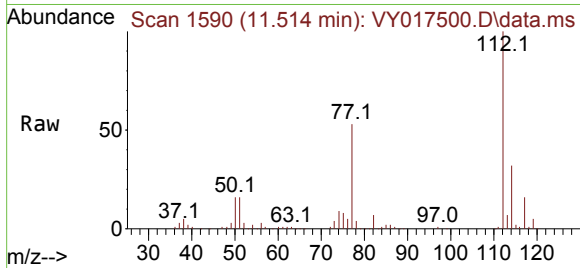




#65
Chlorobenzene
Concen: 22.576 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017500.D
Acq: 27 Feb 2024 16:40

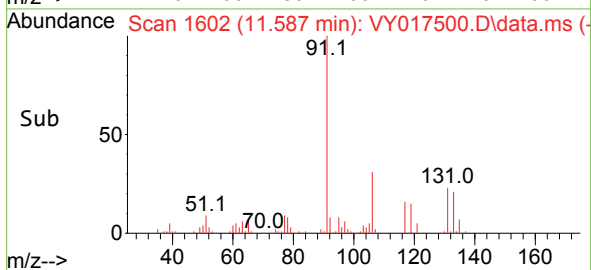
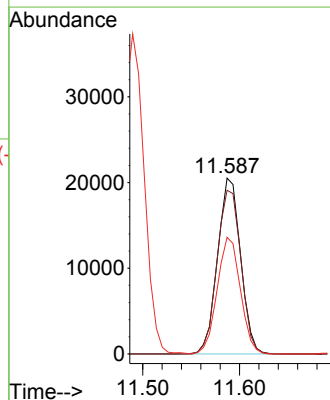
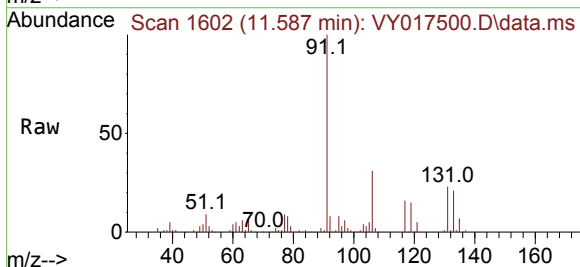
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBSD02

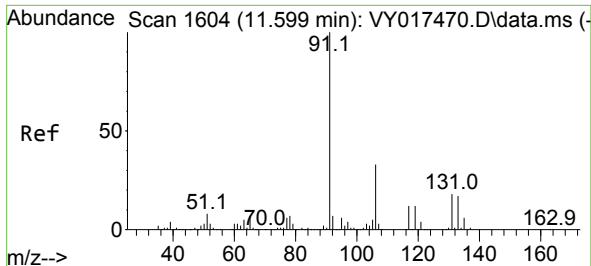
Tgt Ion:112 Resp: 89609
Ion Ratio Lower Upper
112 100
114 31.9 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 22.799 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY017500.D
Acq: 27 Feb 2024 16:40

Tgt Ion:131 Resp: 33902
Ion Ratio Lower Upper
131 100
133 96.5 47.8 143.3
119 66.6 34.1 102.2





#67

Ethyl Benzene

Concen: 21.989 ug/l

RT: 11.593 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017500.D

Acq: 27 Feb 2024 16:40

Instrument :

MSVOA_Y

ClientSampleId :

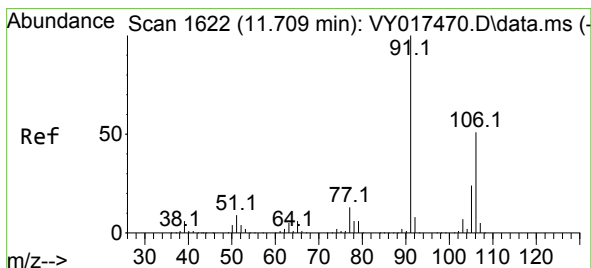
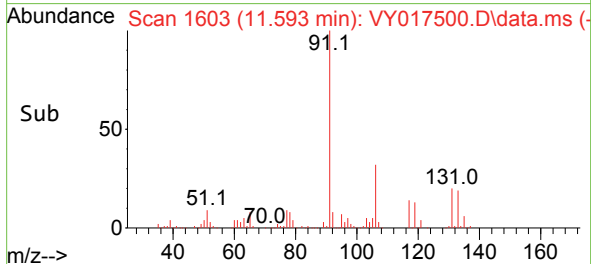
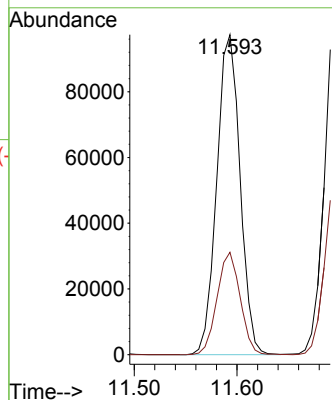
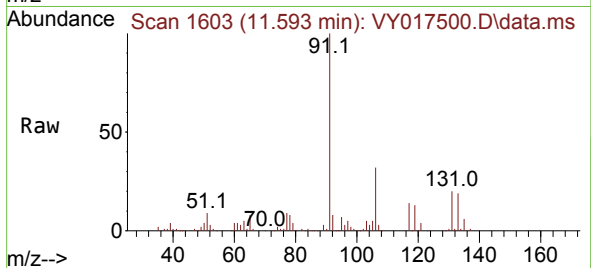
VY0227SBS02

Tgt Ion: 91 Resp: 153064

Ion Ratio Lower Upper

91 100

106 32.0 24.5 36.7



#68

m/p-Xylenes

Concen: 45.534 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.006 min

Lab File: VY017500.D

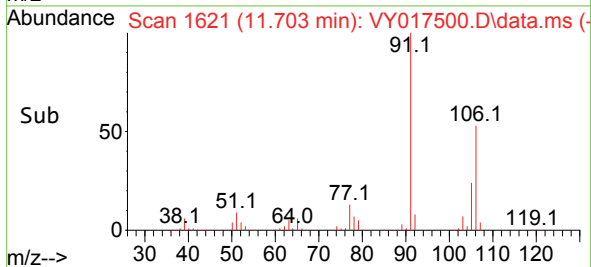
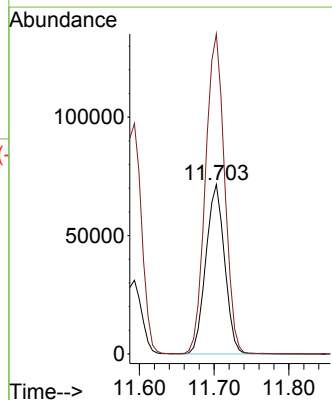
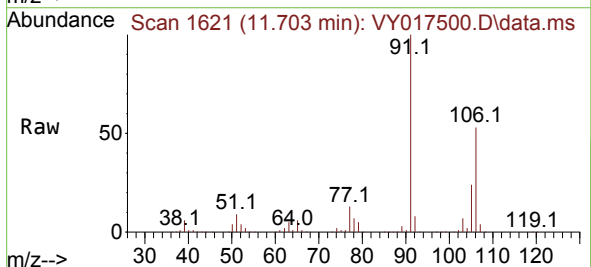
Acq: 27 Feb 2024 16:40

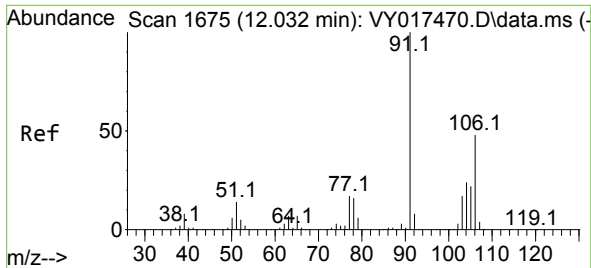
Tgt Ion: 106 Resp: 124546

Ion Ratio Lower Upper

106 100

91 192.7 156.0 234.0

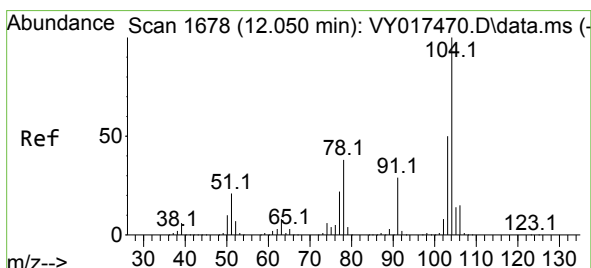
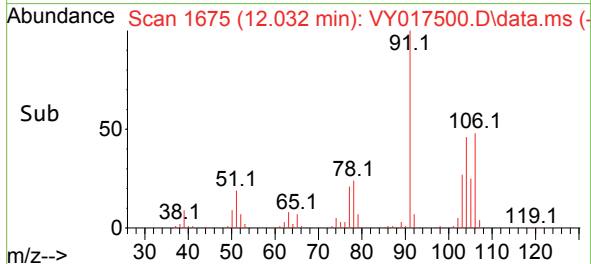
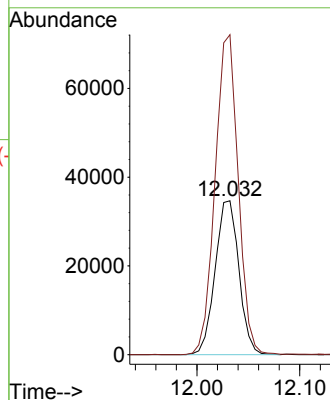
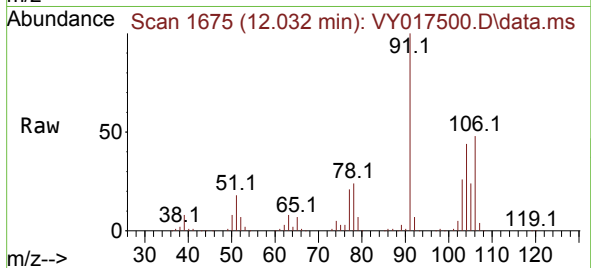




#69
o-Xylene
Concen: 21.922 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY017500.D
Acq: 27 Feb 2024 16:40

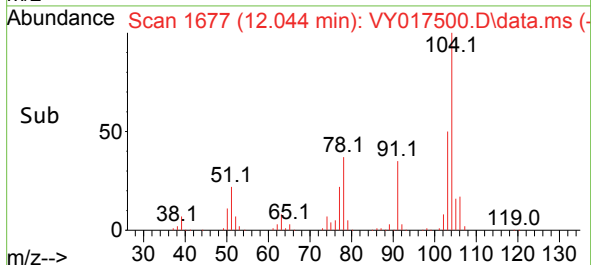
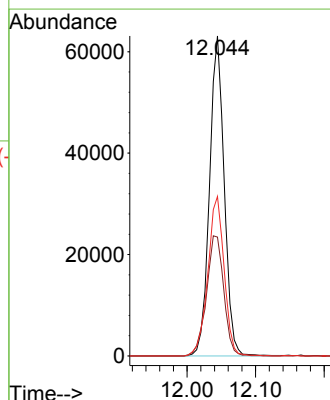
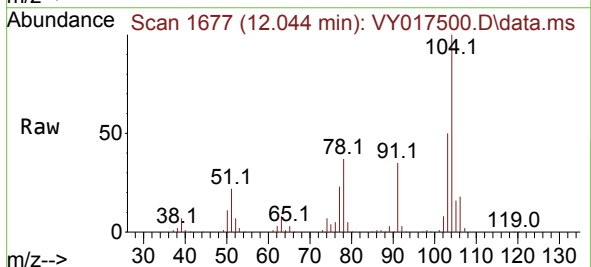
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBSD02

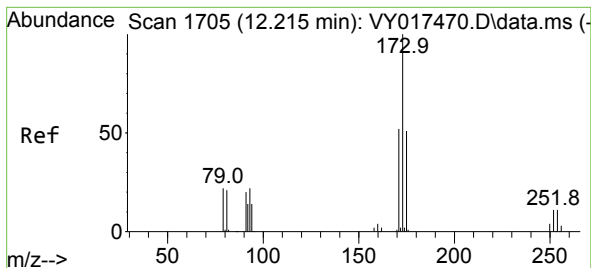
Tgt Ion:106 Resp: 55629
Ion Ratio Lower Upper
106 100
91 202.5 103.6 310.8



#70
Styrene
Concen: 22.449 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.006 min
Lab File: VY017500.D
Acq: 27 Feb 2024 16:40

Tgt Ion:104 Resp: 94558
Ion Ratio Lower Upper
104 100
78 44.1 37.0 55.4
103 55.2 44.2 66.2





#71

Bromoform

Concen: 22.007 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.006 min

Lab File: VY017500.D

Acq: 27 Feb 2024 16:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0227SBS02

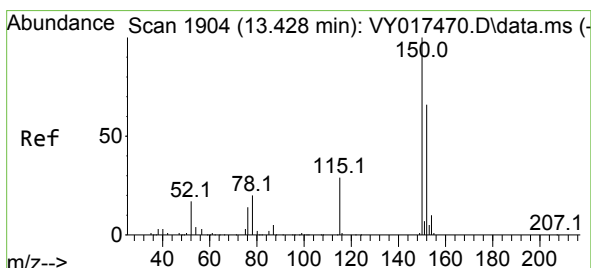
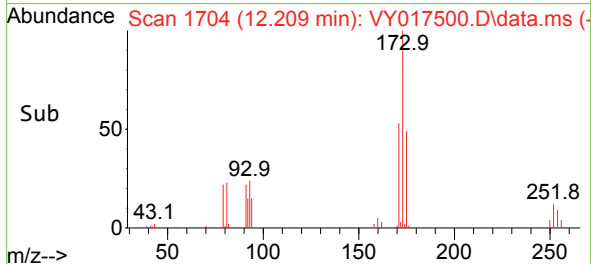
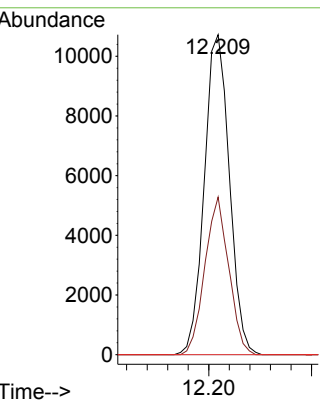
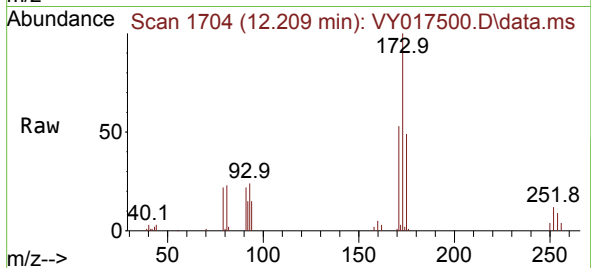
Tgt Ion:173 Resp: 18134

Ion Ratio Lower Upper

173 100

175 46.9 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY017500.D

Acq: 27 Feb 2024 16:40

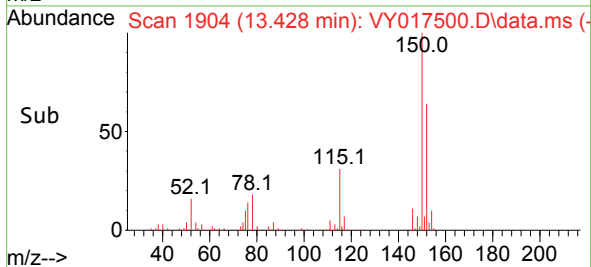
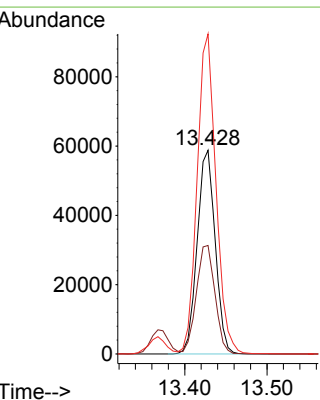
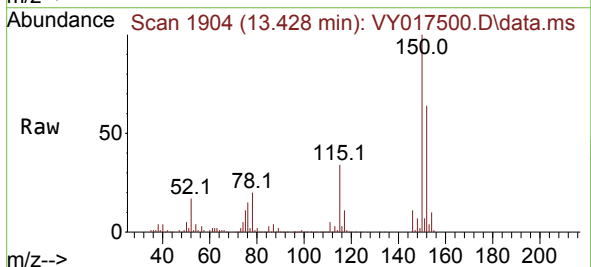
Tgt Ion:152 Resp: 89393

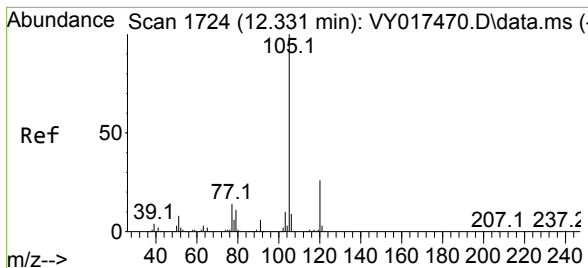
Ion Ratio Lower Upper

152 100

115 55.0 28.2 84.7

150 163.6 0.0 345.6





#73

Isopropylbenzene

Concen: 22.299 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017500.D

Acq: 27 Feb 2024 16:40

Instrument :

MSVOA_Y

ClientSampleId :

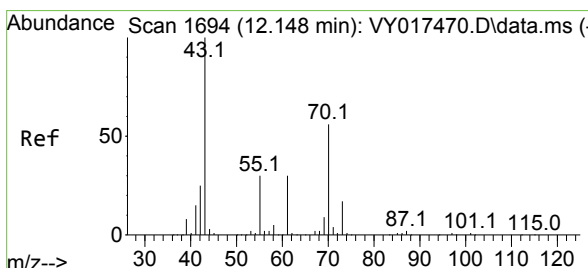
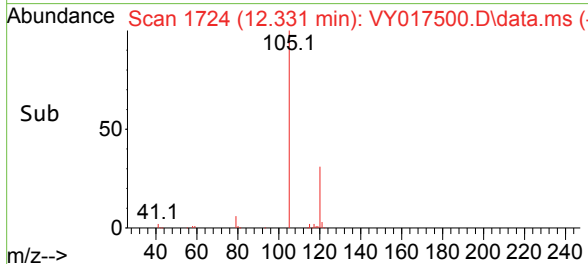
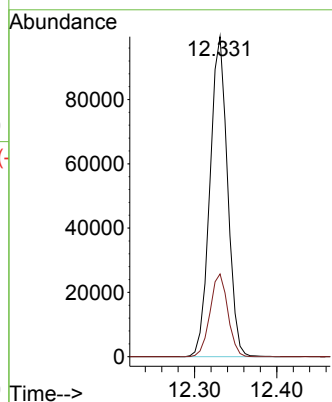
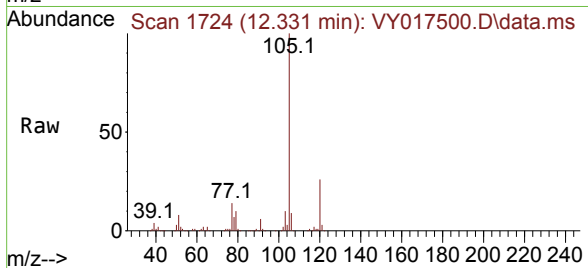
VY0227SBSD02

Tgt Ion:105 Resp: 148093

Ion Ratio Lower Upper

105 100

120 26.1 13.4 40.1



#74

N-ethyl acetate

Concen: 21.171 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.006 min

Lab File: VY017500.D

Acq: 27 Feb 2024 16:40

Tgt Ion: 43 Resp: 24799

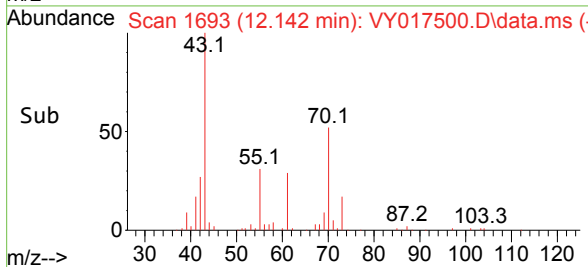
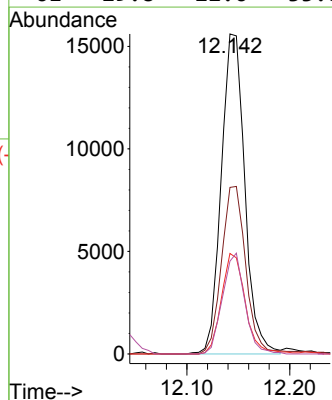
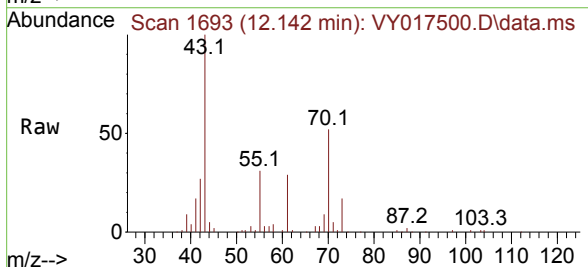
Ion Ratio Lower Upper

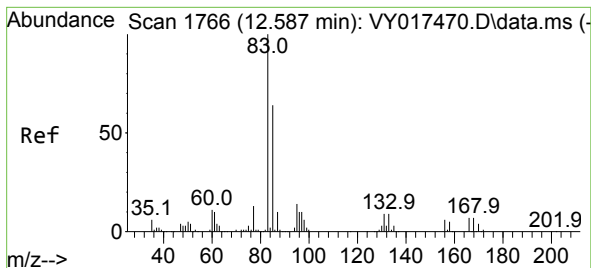
43 100

70 54.9 41.4 62.2

55 31.8 23.3 34.9

61 29.8 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 22.842 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.006 min

Lab File: VY017500.D

Acq: 27 Feb 2024 16:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0227SBS02

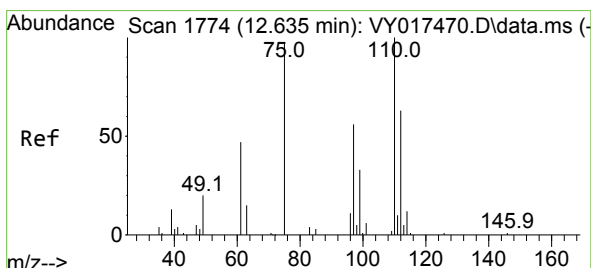
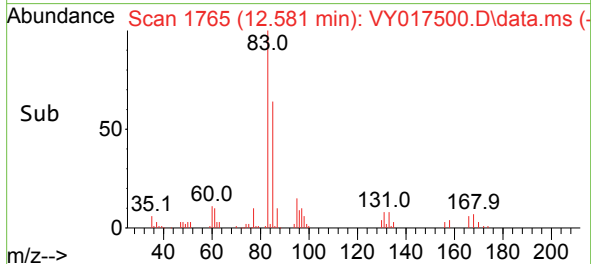
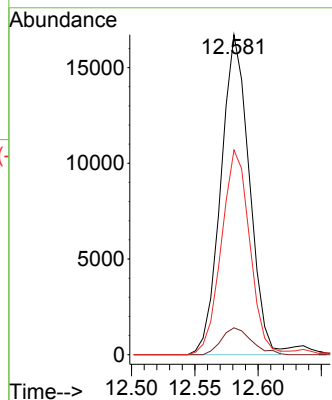
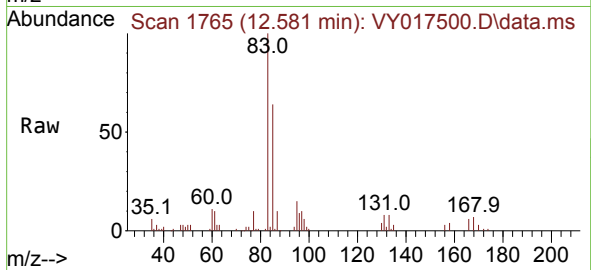
Tgt Ion: 83 Resp: 26050

Ion Ratio Lower Upper

83 100

131 8.9 5.0 14.9

85 64.1 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 37.782 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY017500.D

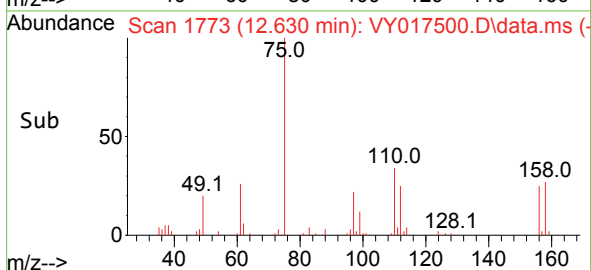
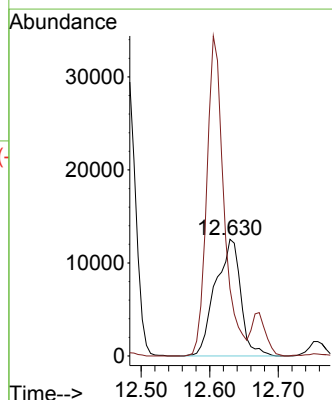
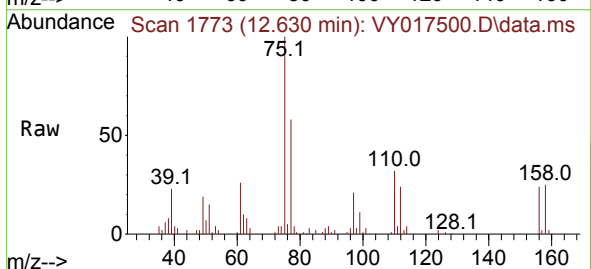
Acq: 27 Feb 2024 16:40

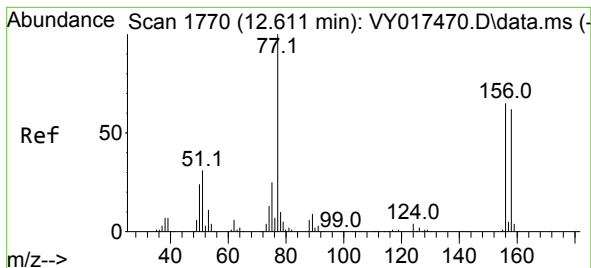
Tgt Ion: 75 Resp: 32091

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 22.045 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY017500.D

Acq: 27 Feb 2024 16:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0227SBSD02

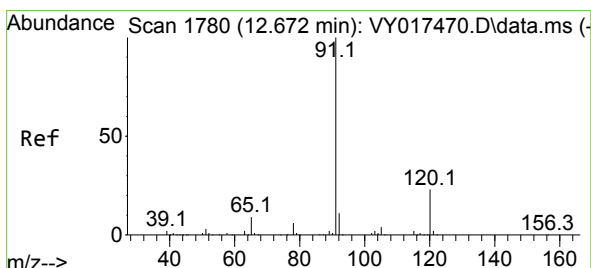
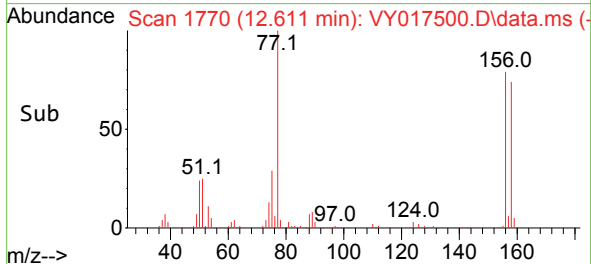
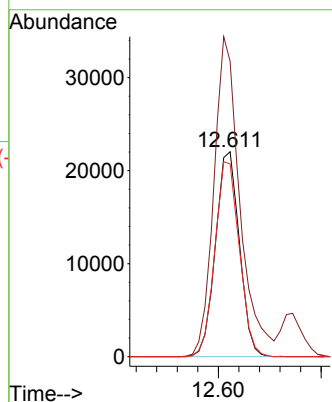
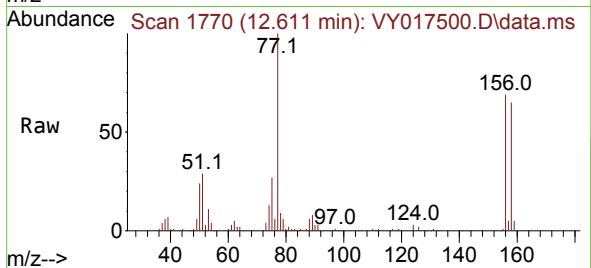
Tgt Ion:156 Resp: 35455

Ion Ratio Lower Upper

156 100

77 170.4 87.1 261.3

158 97.5 48.6 145.9



#78

n-propylbenzene

Concen: 23.027 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY017500.D

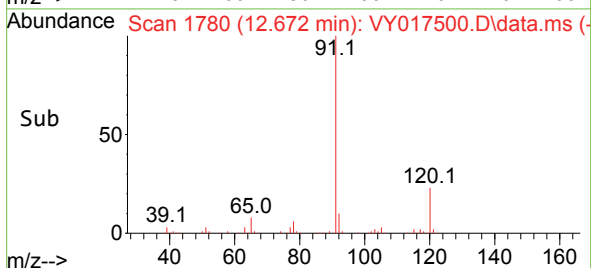
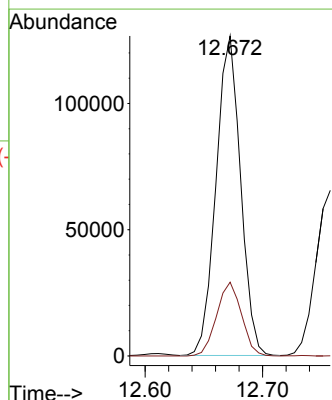
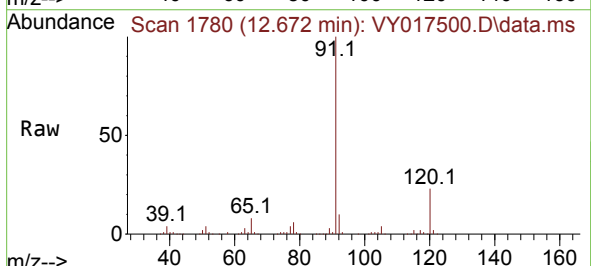
Acq: 27 Feb 2024 16:40

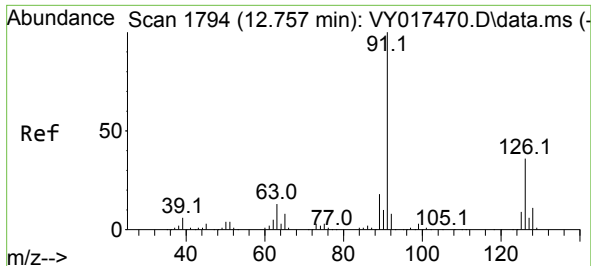
Tgt Ion: 91 Resp: 183497

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4

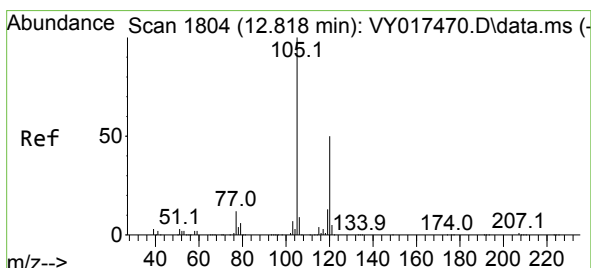
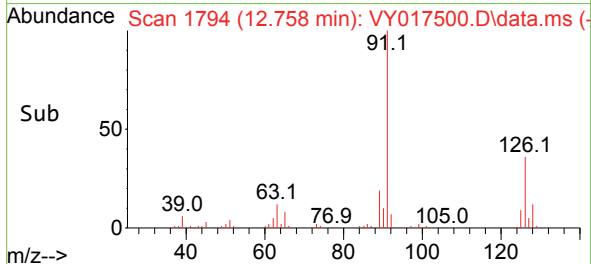
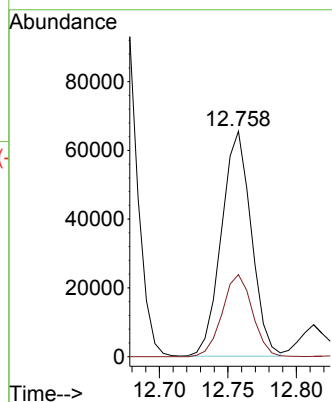
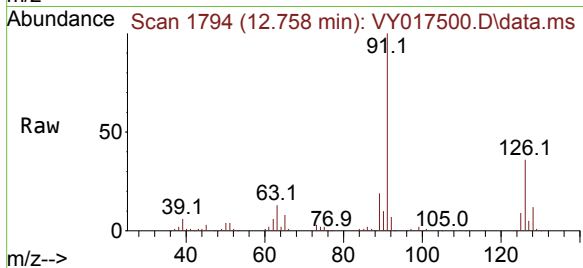




#79
2-Chlorotoluene
Concen: 22.281 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017500.D
Acq: 27 Feb 2024 16:40

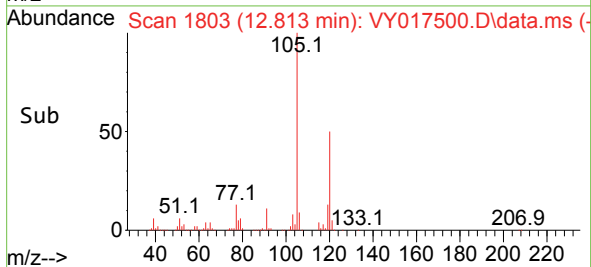
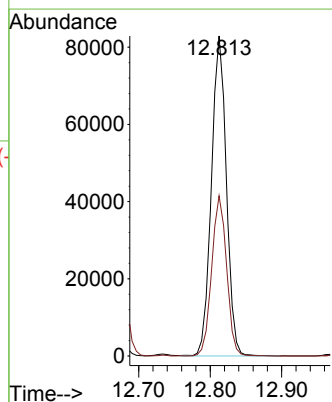
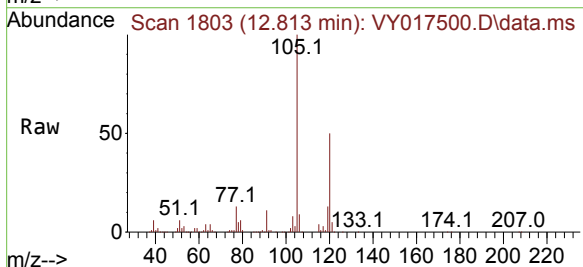
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBSD02

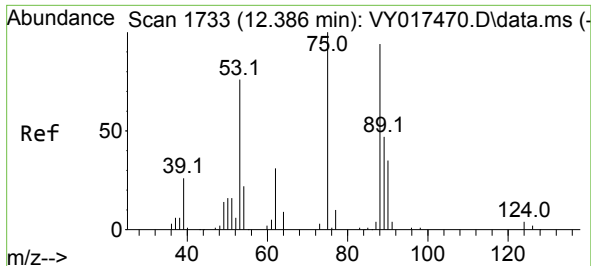
Tgt Ion: 91 Resp: 99408
Ion Ratio Lower Upper
91 100
126 36.8 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 22.648 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VY017500.D
Acq: 27 Feb 2024 16:40

Tgt Ion:105 Resp: 120506
Ion Ratio Lower Upper
105 100
120 49.8 25.1 75.2

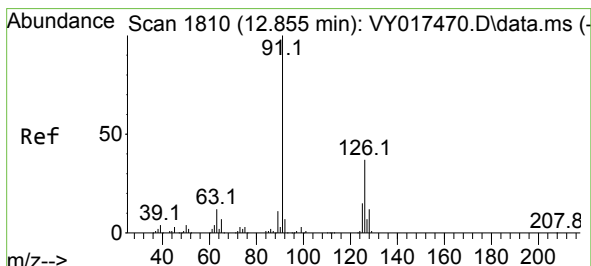
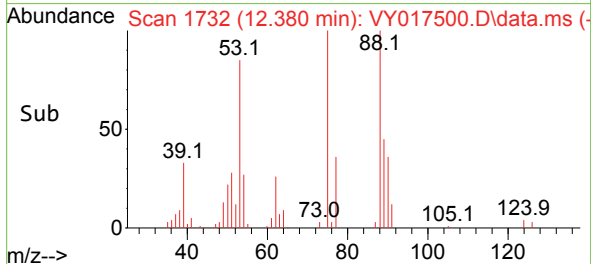
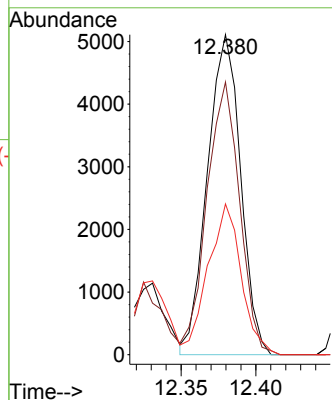
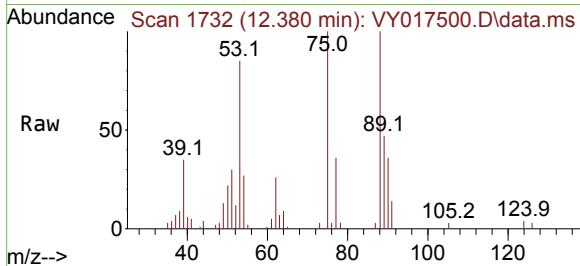




#81
trans-1,4-Dichloro-2-butene
Concen: 21.293 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017500.D
Acq: 27 Feb 2024 16:40

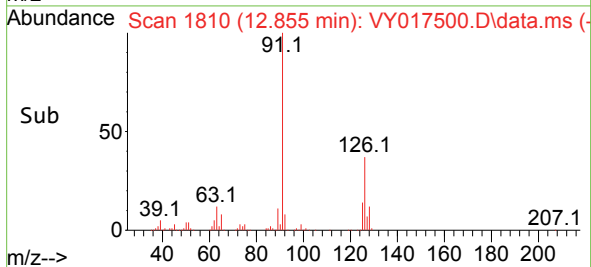
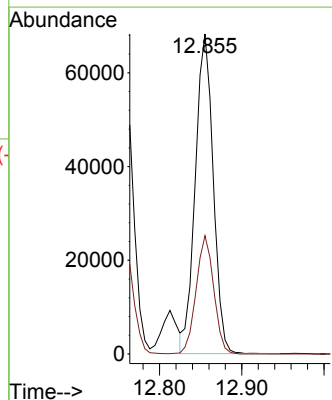
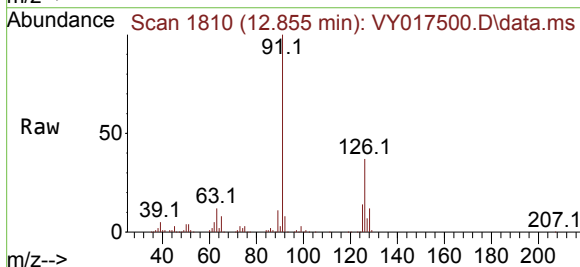
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBSD02

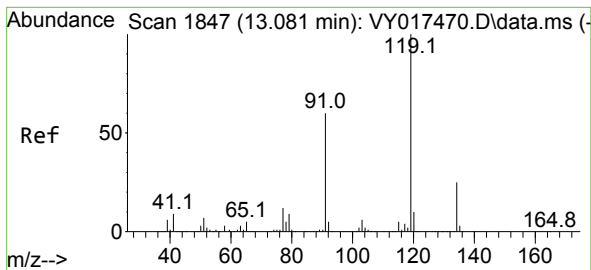
Tgt Ion:	75	Resp:	7871
Ion	Ratio	Lower	Upper
75	100		
53	84.1	66.8	100.2
89	47.2	35.8	53.6



#82
4-Chlorotoluene
Concen: 22.662 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY017500.D
Acq: 27 Feb 2024 16:40

Tgt Ion:	91	Resp:	103415
Ion	Ratio	Lower	Upper
91	100		
126	36.4	17.6	52.9





#83

tert-Butylbenzene

Concen: 22.275 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.006 min

Lab File: VY017500.D

Acq: 27 Feb 2024 16:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0227SBSD02

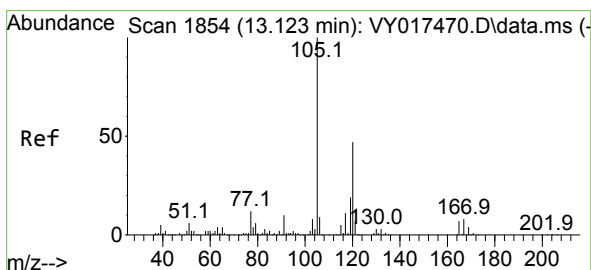
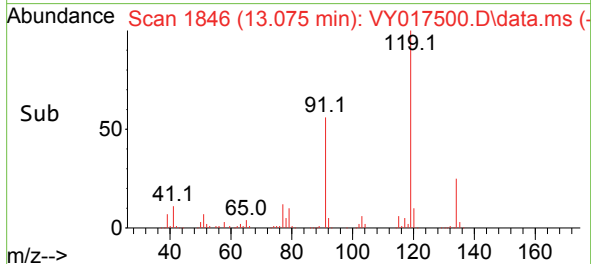
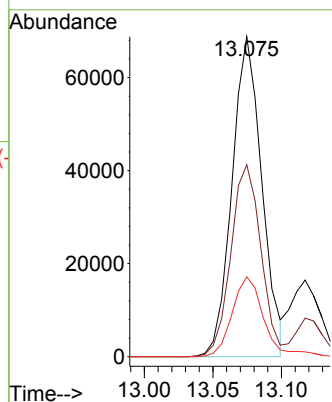
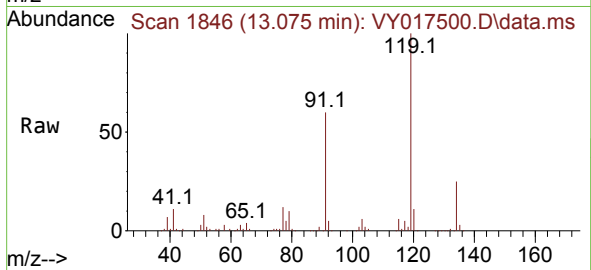
Tgt Ion:119 Resp: 104077

Ion Ratio Lower Upper

119 100

91 60.4 31.3 93.8

134 26.5 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 22.439 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY017500.D

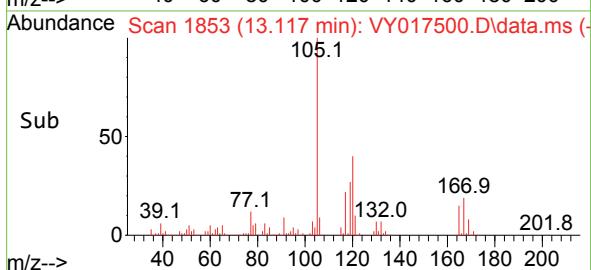
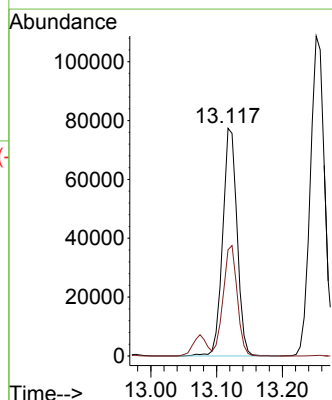
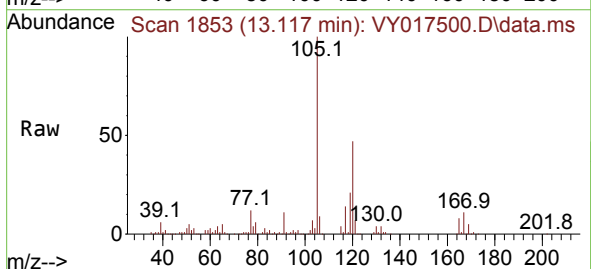
Acq: 27 Feb 2024 16:40

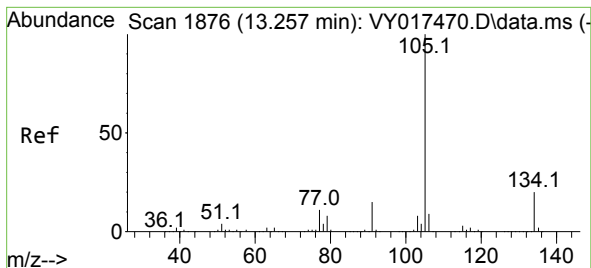
Tgt Ion:105 Resp: 117868

Ion Ratio Lower Upper

105 100

120 47.2 23.2 69.6





#85

sec-Butylbenzene

Concen: 22.958 ug/l

RT: 13.251 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VY017500.D

Acq: 27 Feb 2024 16:40

Instrument :

MSVOA_Y

ClientSampleId :

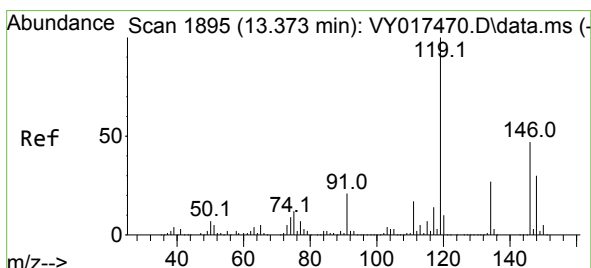
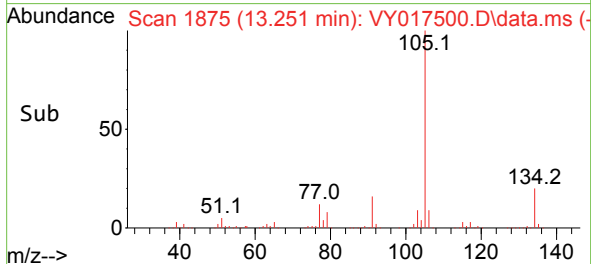
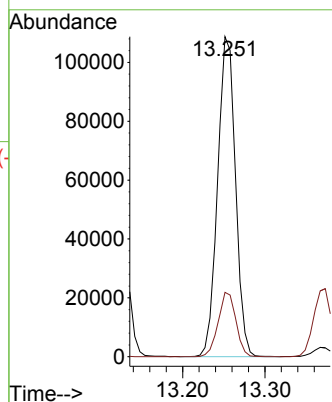
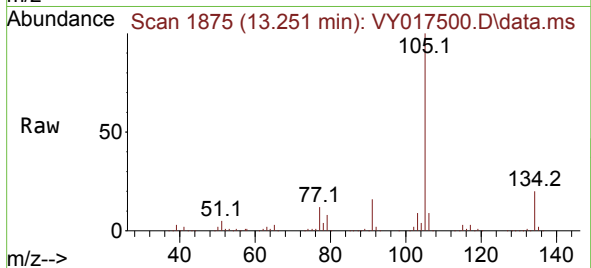
VY0227SBSD02

Tgt Ion:105 Resp: 163995

Ion Ratio Lower Upper

105 100

134 19.9 10.1 30.1



#86

p-Isopropyltoluene

Concen: 22.169 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY017500.D

Acq: 27 Feb 2024 16:40

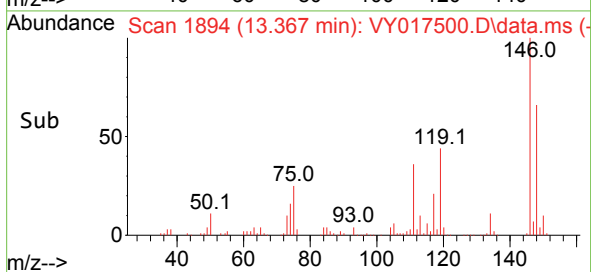
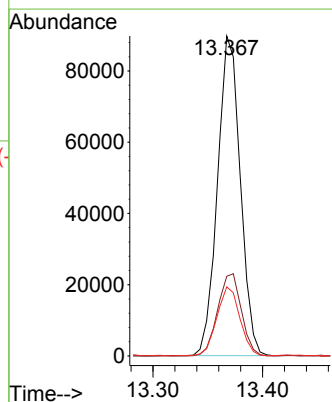
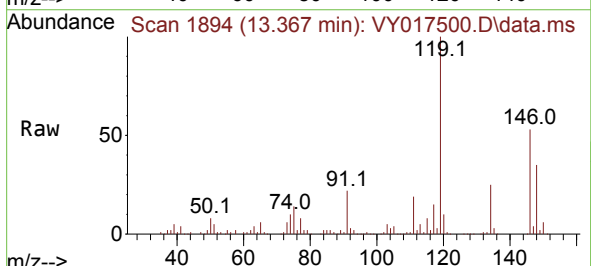
Tgt Ion:119 Resp: 129639

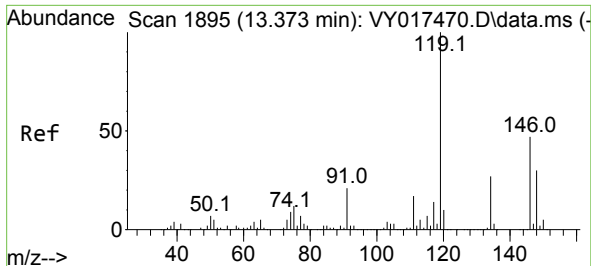
Ion Ratio Lower Upper

119 100

134 26.8 13.1 39.3

91 21.8 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 22.098 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY017500.D

Acq: 27 Feb 2024 16:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0227SBS02

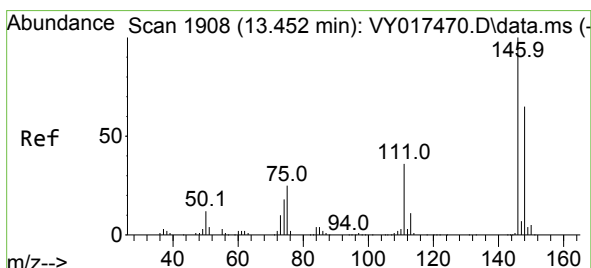
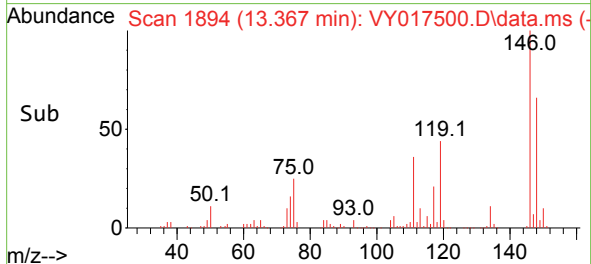
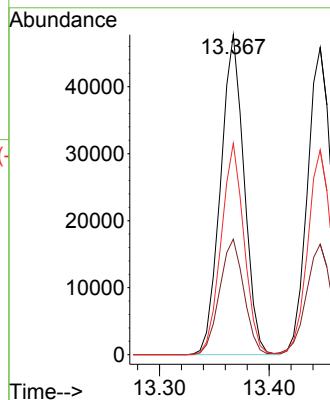
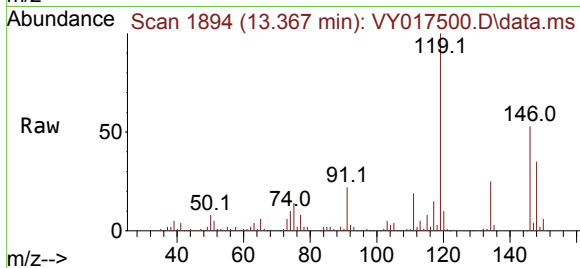
Tgt Ion:146 Resp: 71337

Ion Ratio Lower Upper

146 100

111 37.3 19.0 57.0

148 64.3 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 22.340 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY017500.D

Acq: 27 Feb 2024 16:40

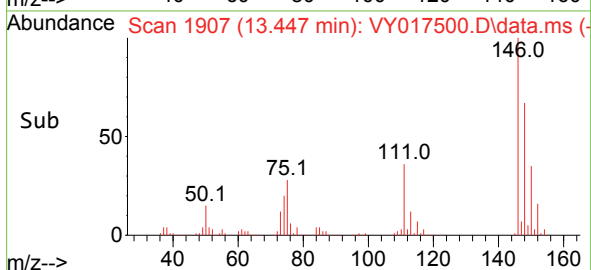
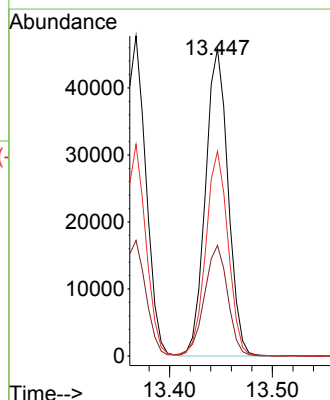
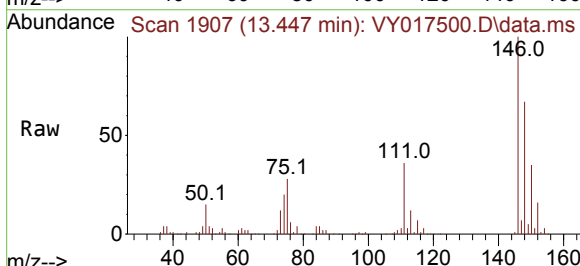
Tgt Ion:146 Resp: 70113

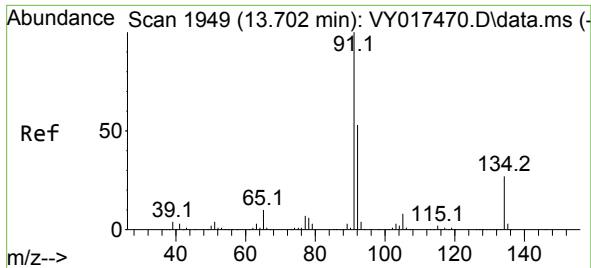
Ion Ratio Lower Upper

146 100

111 37.1 18.4 55.4

148 65.9 32.4 97.2

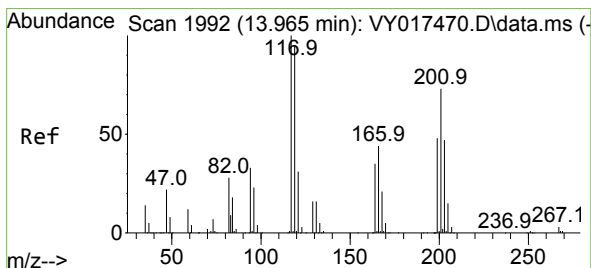
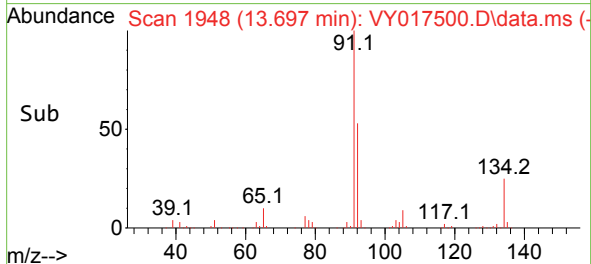
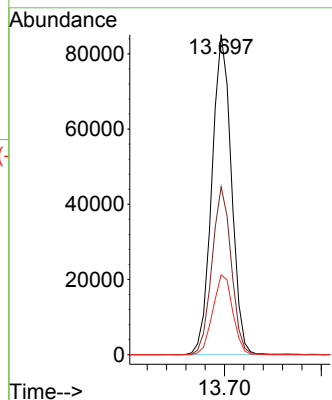
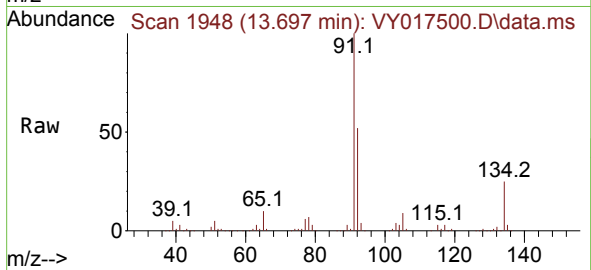




#89
n-Butylbenzene
Concen: 22.370 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY017500.D
Acq: 27 Feb 2024 16:40

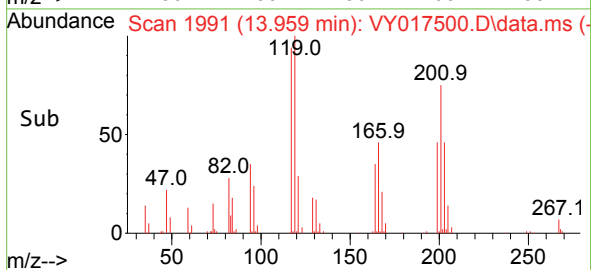
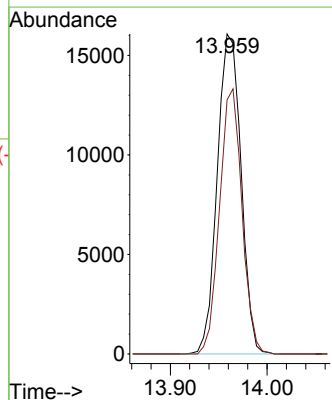
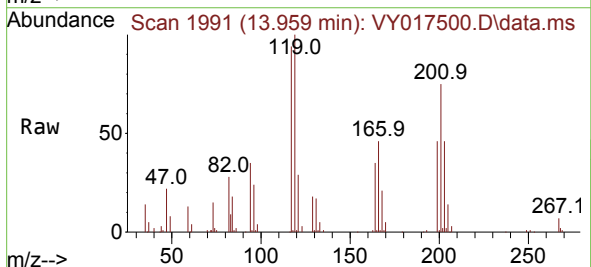
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS02

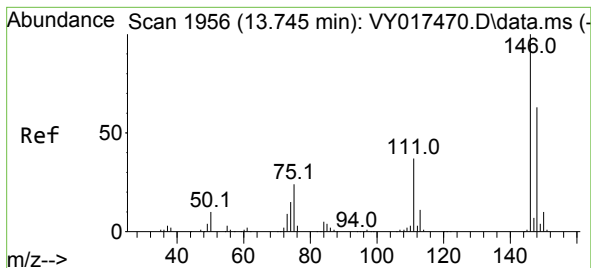
Tgt Ion: 91 Resp: 119346
Ion Ratio Lower Upper
91 100
92 51.7 26.6 79.7
134 25.5 12.9 38.7



#90
Hexachloroethane
Concen: 23.391 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.006 min
Lab File: VY017500.D
Acq: 27 Feb 2024 16:40

Tgt Ion: 117 Resp: 27422
Ion Ratio Lower Upper
117 100
201 78.1 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 22.491 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.006 min

Lab File: VY017500.D

Acq: 27 Feb 2024 16:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0227SBSD02

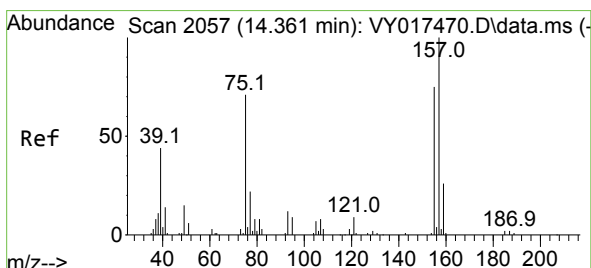
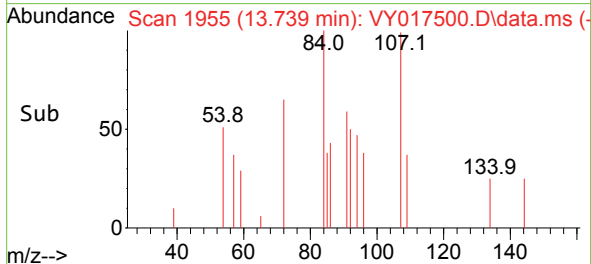
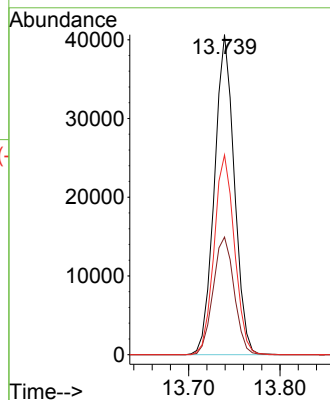
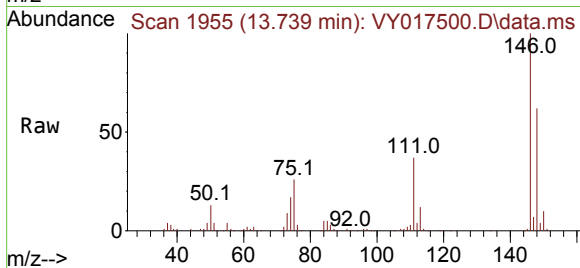
Tgt Ion:146 Resp: 61414

Ion Ratio Lower Upper

146 100

111 38.9 19.9 59.7

148 63.9 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.635 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.006 min

Lab File: VY017500.D

Acq: 27 Feb 2024 16:40

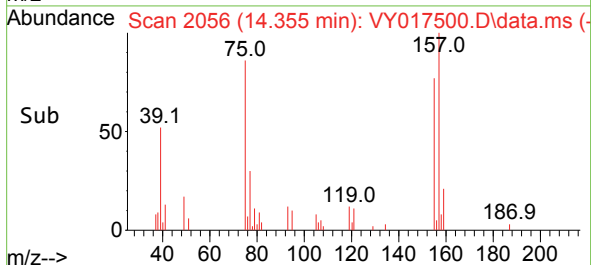
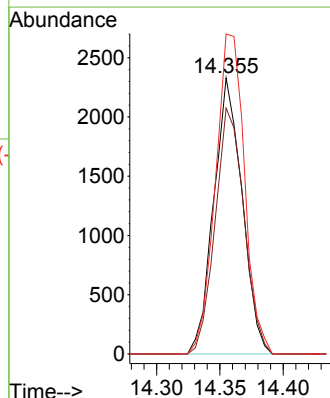
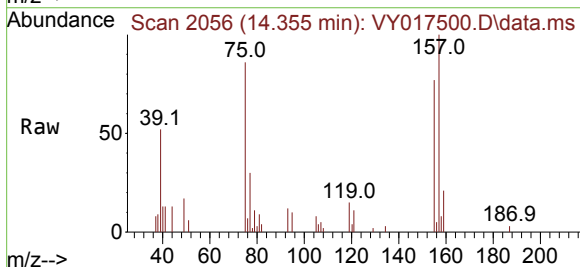
Tgt Ion: 75 Resp: 3629

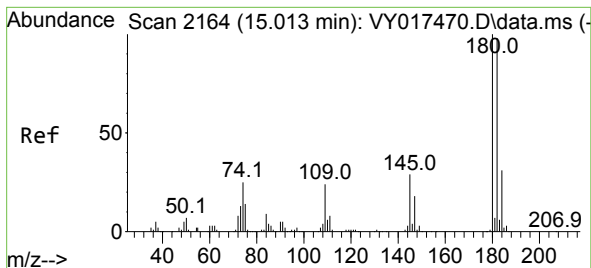
Ion Ratio Lower Upper

75 100

155 90.2 48.6 145.8

157 118.9 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 22.962 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY017500.D

Acq: 27 Feb 2024 16:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0227SBS02

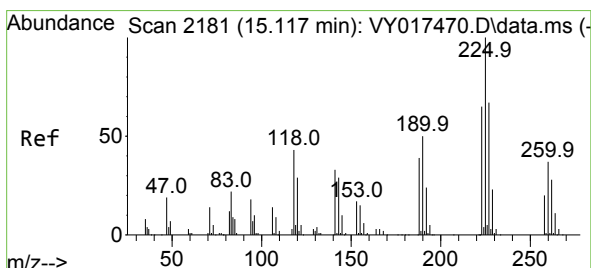
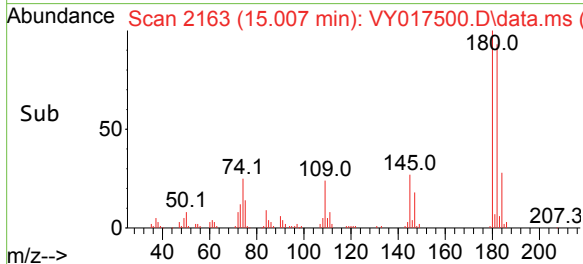
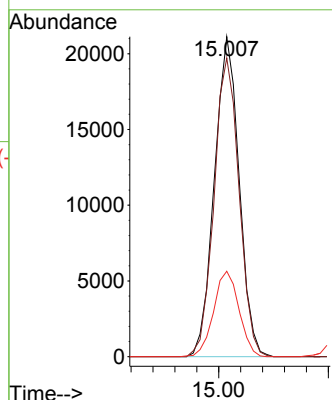
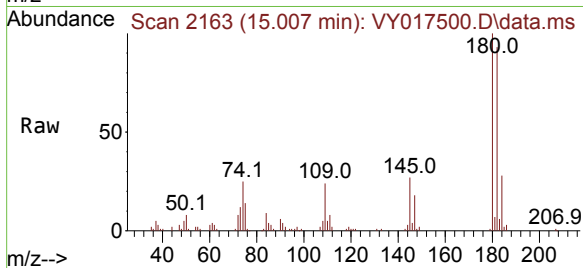
Tgt Ion:180 Resp: 33119

Ion Ratio Lower Upper

180 100

182 94.0 47.9 143.8

145 27.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 23.582 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.006 min

Lab File: VY017500.D

Acq: 27 Feb 2024 16:40

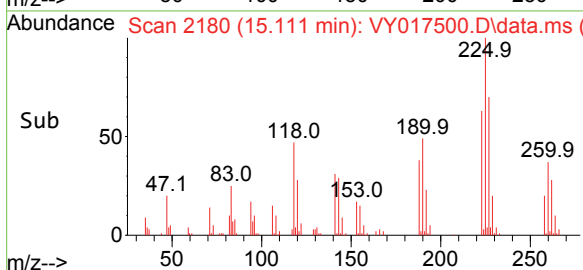
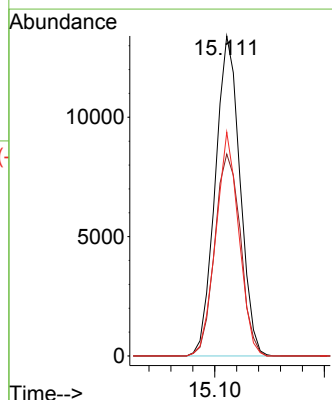
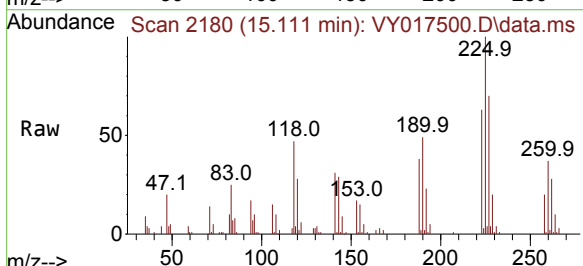
Tgt Ion:225 Resp: 21000

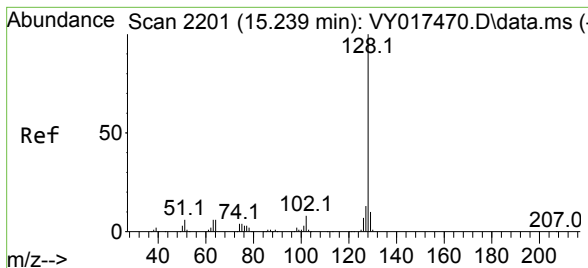
Ion Ratio Lower Upper

225 100

223 65.6 30.4 91.2

227 65.3 31.9 95.9





#95

Naphthalene

Concen: 20.559 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY017500.D

Acq: 27 Feb 2024 16:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0227SBS02

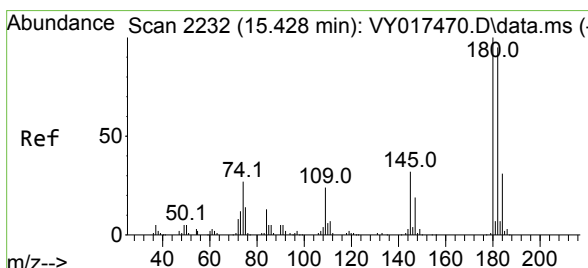
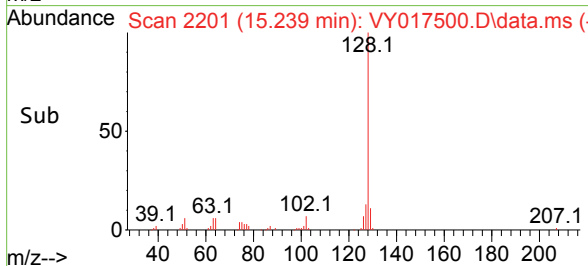
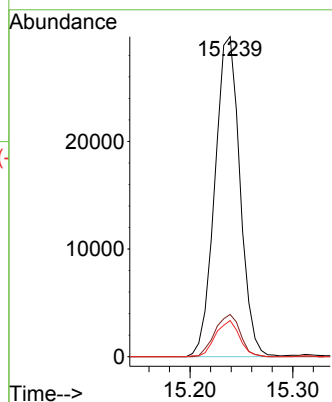
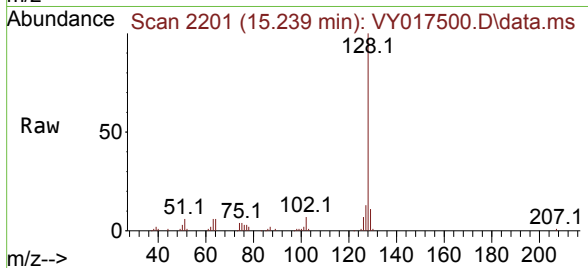
Tgt Ion:128 Resp: 50468

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 22.719 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY017500.D

Acq: 27 Feb 2024 16:40

Tgt Ion:180 Resp: 28111

Ion Ratio Lower Upper

180 100

182 96.2 47.6 142.9

145 29.9 15.4 46.1

