

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051624\
 Data File : VY018284.D
 Acq On : 16 May 2024 13:44
 Operator : SY/MD
 Sample : VY0516SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0516SBS01

Quant Time: May 17 01:14:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	174200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	293040	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	242738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106258	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	65761	51.314	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.620%	
35) Dibromofluoromethane	7.710	113	77111	50.070	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.140%	
50) Toluene-d8	10.179	98	308087	50.766	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.540%	
62) 4-Bromofluorobenzene	12.483	95	93705	47.812	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.620%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	33810	24.474	ug/l	99
3) Chloromethane	2.107	50	47802	25.849	ug/l	98
4) Vinyl Chloride	2.247	62	59143	26.383	ug/l	100
5) Bromomethane	2.644	94	38478	24.715	ug/l	98
6) Chloroethane	2.790	64	36398	25.584	ug/l	100
7) Trichlorofluoromethane	3.119	101	63177	24.060	ug/l	99
8) Diethyl Ether	3.515	74	18483	21.382	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.893	101	39424	23.558	ug/l	98
10) Methyl Iodide	4.082	142	44719	22.884	ug/l	100
11) Tert butyl alcohol	4.942	59	19209	166.590	ug/l #	87
12) 1,1-Dichloroethene	3.857	96	40197	23.861	ug/l	98
13) Acrolein	3.716	56	14986	117.254	ug/l	98
14) Allyl chloride	4.472	41	50545	23.584	ug/l	98
15) Acrylonitrile	5.149	53	37662	113.297	ug/l	97
16) Acetone	3.936	43	27770	108.586	ug/l	90
17) Carbon Disulfide	4.186	76	116148	25.325	ug/l	100
18) Methyl Acetate	4.460	43	16159	22.181	ug/l	98
19) Methyl tert-butyl Ether	5.216	73	83108	22.146	ug/l	96
20) Methylene Chloride	4.704	84	44358	24.539	ug/l	89
21) trans-1,2-Dichloroethene	5.210	96	42157	23.607	ug/l	99
22) Diisopropyl ether	6.112	45	103895	22.852	ug/l	96
23) Vinyl Acetate	6.051	43	308968	111.813	ug/l	98
24) 1,1-Dichloroethane	6.003	63	65377	23.348	ug/l	99
25) 2-Butanone	6.978	43	46655	114.126	ug/l #	86
26) 2,2-Dichloropropane	6.978	77	61098	24.108	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	48447	22.956	ug/l	98
28) Bromochloromethane	7.332	49	22066	19.716	ug/l	97
29) Tetrahydrofuran	7.344	42	29462	109.180	ug/l	94
30) Chloroform	7.502	83	66821	22.858	ug/l	99
31) Cyclohexane	7.777	56	64937	24.968	ug/l	99
32) 1,1,1-Trichloroethane	7.697	97	61851	23.606	ug/l	99
36) 1,1-Dichloropropene	7.917	75	54124	24.515	ug/l	100
37) Ethyl Acetate	7.070	43	21096	22.703	ug/l	96
38) Carbon Tetrachloride	7.899	117	54917	22.765	ug/l	93
39) Methylcyclohexane	9.179	83	74515	23.395	ug/l	96
40) Benzene	8.155	78	163020	22.955	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	10602	19.758	ug/l	97
42) 1,2-Dichloroethane	8.234	62	34369	22.243	ug/l	99
43) Isopropyl Acetate	8.271	43	40902	21.474	ug/l	96
44) Trichloroethene	8.935	130	43615	22.561	ug/l	91
45) 1,2-Dichloropropane	9.209	63	33885	21.825	ug/l	100
46) Dibromomethane	9.301	93	18859	21.129	ug/l	99
47) Bromodichloromethane	9.496	83	47494	21.524	ug/l	93
48) Methyl methacrylate	9.295	41	18274	20.934	ug/l	94
49) 1,4-Dioxane	9.289	88	4755	401.349	ug/l #	98
51) 4-Methyl-2-Pentanone	10.069	43	100738	105.230	ug/l	96
52) Toluene	10.240	92	102882	22.503	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	43515	21.113	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	53227	21.127	ug/l #	92
55) 1,1,2-Trichloroethane	10.642	97	25961	21.173	ug/l	98
56) Ethyl methacrylate	10.508	69	34791	20.893	ug/l	91
57) 1,3-Dichloropropane	10.788	76	43550	21.824	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	68604	86.277	ug/l	98
59) 2-Hexanone	10.831	43	68868	102.887	ug/l	94
60) Dibromochloromethane	10.983	129	32170	20.223	ug/l	99
61) 1,2-Dibromoethane	11.087	107	24400	21.128	ug/l	96
64) Tetrachloroethene	10.721	164	38857	24.043	ug/l	98
65) Chlorobenzene	11.514	112	109105	22.069	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	33893	21.194	ug/l	98
67) Ethyl Benzene	11.593	91	191382	22.927	ug/l	94
68) m/p-Xylenes	11.703	106	152524	46.206	ug/l	96
69) o-Xylene	12.026	106	69419	21.914	ug/l	99
70) Styrene	12.044	104	116270	21.978	ug/l	98
71) Bromoform	12.209	173	16923	19.126	ug/l #	99
73) Isopropylbenzene	12.331	105	186912	23.461	ug/l	98
74) N-amyl acetate	12.142	43	35759	21.622	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	27224	21.421	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	33874	39.827	ug/l #	100
77) Bromobenzene	12.611	156	40404	22.076	ug/l	96
78) n-propylbenzene	12.672	91	219532	23.691	ug/l	98
79) 2-Chlorotoluene	12.758	91	116708	22.665	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	144311	22.972	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	8264	18.720	ug/l	88
82) 4-Chlorotoluene	12.855	91	118105	22.834	ug/l	96
83) tert-Butylbenzene	13.075	119	134712	23.248	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	142066	23.086	ug/l	99
85) sec-Butylbenzene	13.251	105	200330	23.570	ug/l	99
86) p-Isopropyltoluene	13.367	119	158713	22.699	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	77998	22.067	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	75894	22.026	ug/l	98
89) n-Butylbenzene	13.696	91	149003	23.547	ug/l	99
90) Hexachloroethane	13.959	117	30035	21.895	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	65489	21.557	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3531	20.405	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	34038	19.930	ug/l	98
94) Hexachlorobutadiene	15.111	225	19738	20.946	ug/l	97
95) Naphthalene	15.233	128	59061	18.872	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	27058	19.305	ug/l	97

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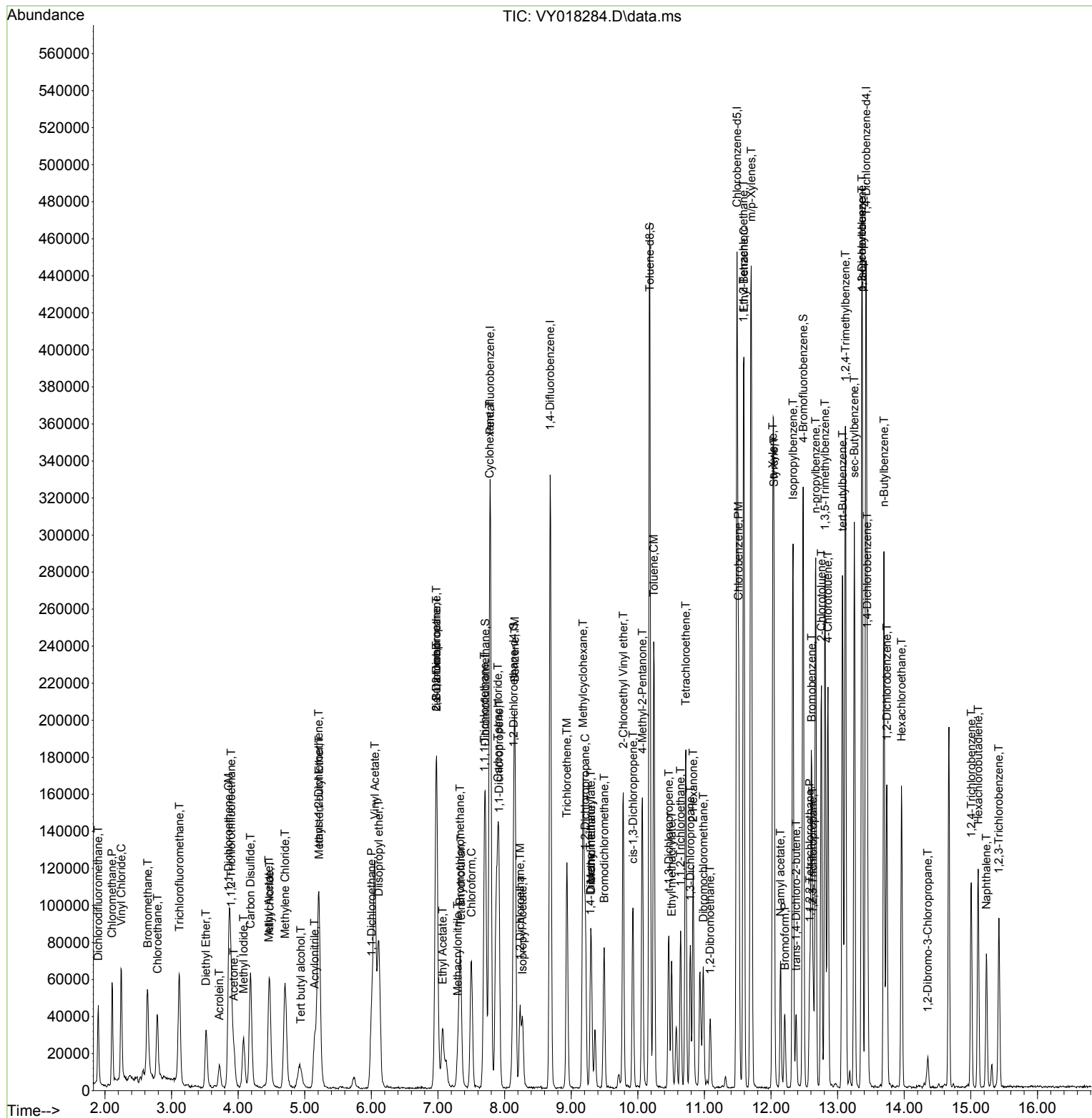
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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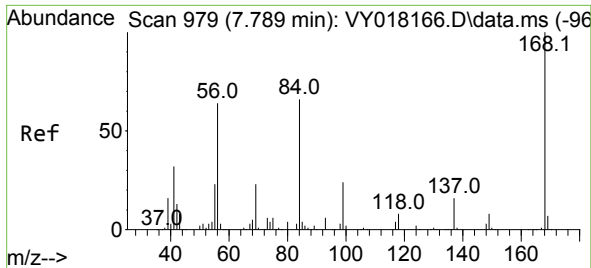
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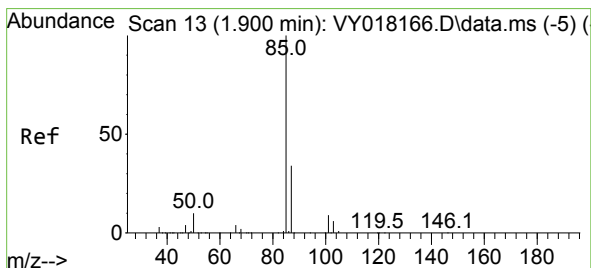
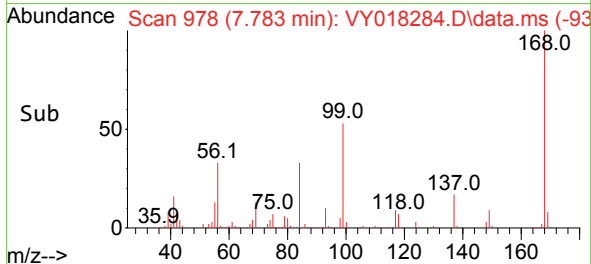
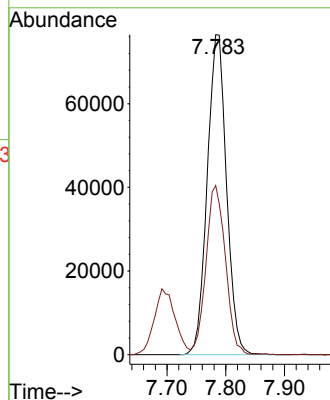
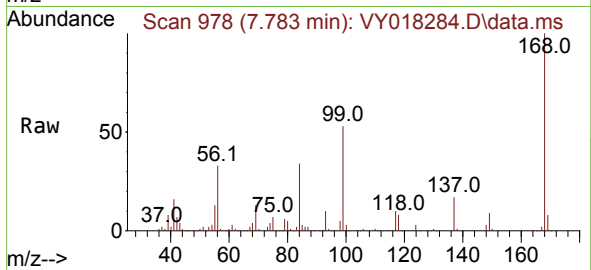




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018284.D
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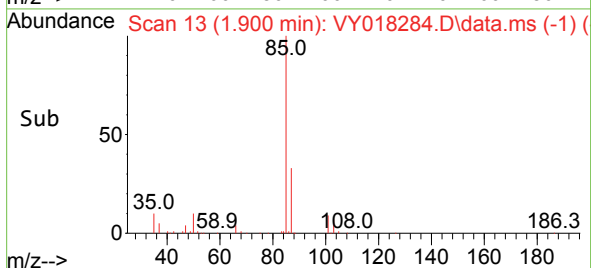
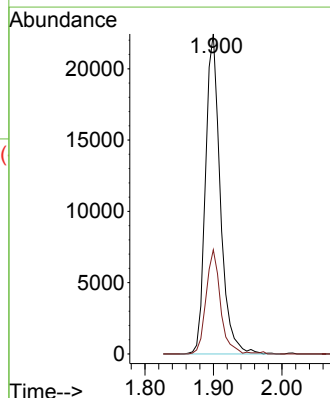
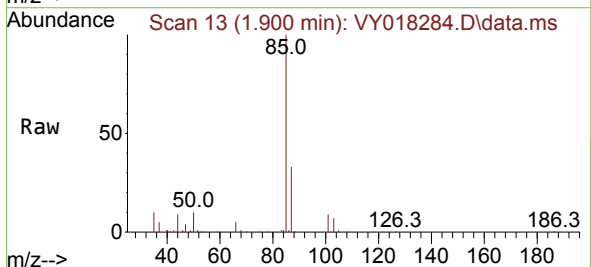
Instrument :
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ClientSampleId :
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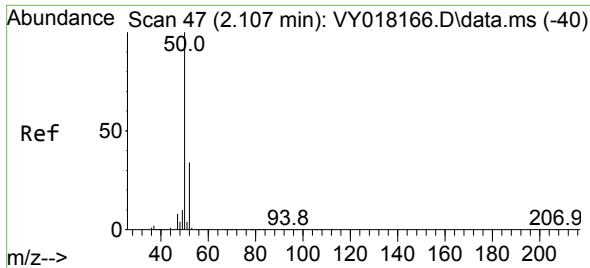
Tgt Ion:168 Resp: 174200
Ion Ratio Lower Upper
168 100
99 52.9 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 24.474 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY018284.D
Acq: 16 May 2024 13:44

Tgt Ion: 85 Resp: 33810
Ion Ratio Lower Upper
85 100
87 32.6 16.0 48.0

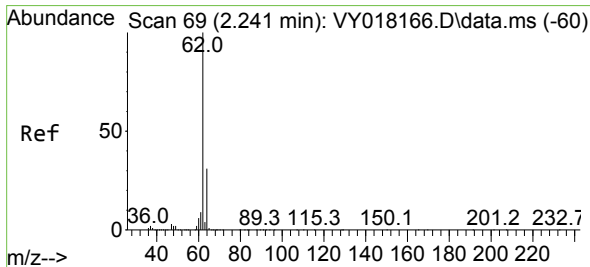
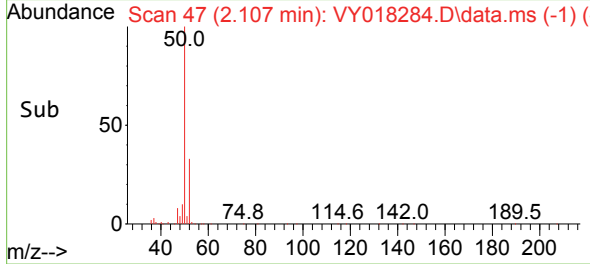
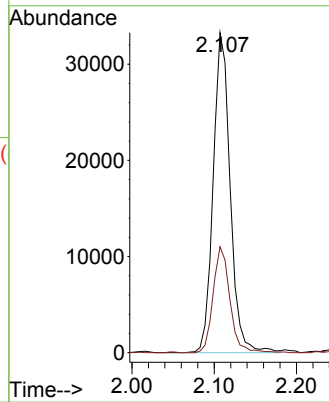
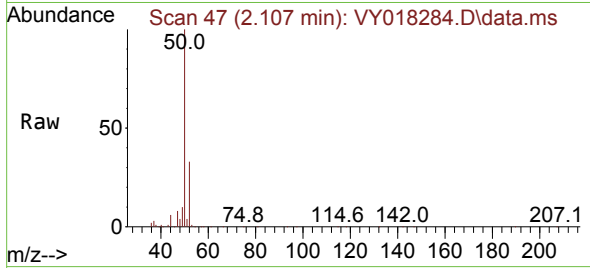




#3
Chloromethane
Concen: 25.849 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018284.D
Acq: 16 May 2024 13:44

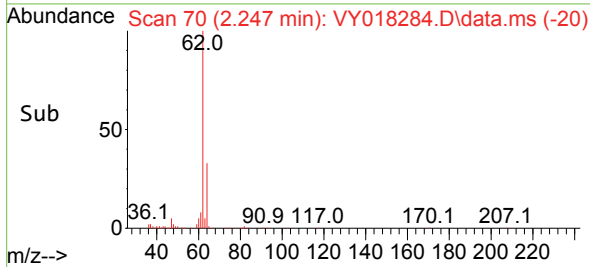
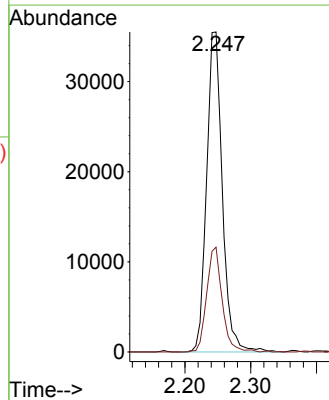
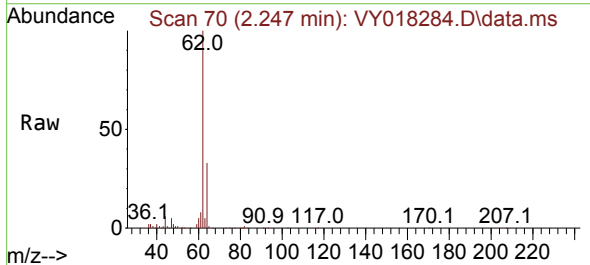
Instrument :
MSVOA_Y
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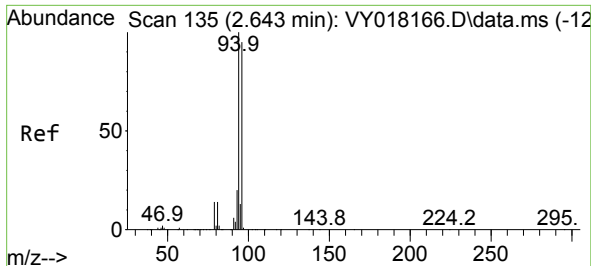
Tgt Ion: 50 Resp: 47802
Ion Ratio Lower Upper
50 100
52 33.1 25.6 38.4



#4
Vinyl Chloride
Concen: 26.383 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY018284.D
Acq: 16 May 2024 13:44

Tgt Ion: 62 Resp: 59143
Ion Ratio Lower Upper
62 100
64 32.8 26.1 39.1





#5

Bromomethane

Concen: 24.715 ug/l

RT: 2.644 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018284.D

Acq: 16 May 2024 13:44

Instrument :

MSVOA_Y

ClientSampleId :

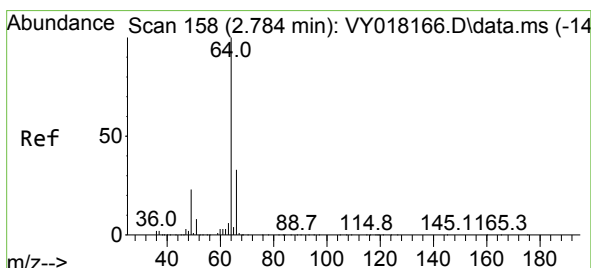
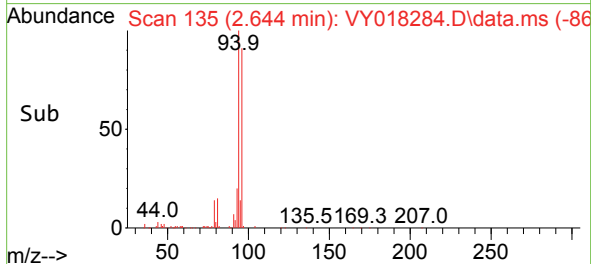
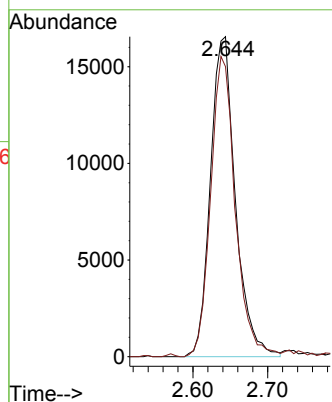
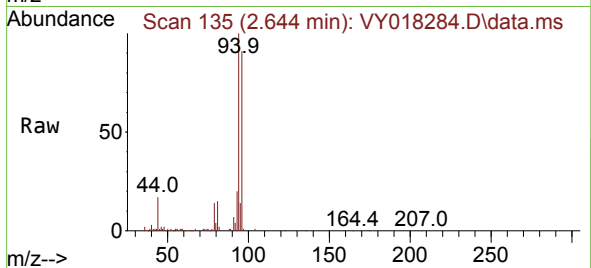
VY0516SBS01

Tgt Ion: 94 Resp: 38478

Ion Ratio Lower Upper

94 100

96 90.7 74.1 111.1



#6

Chloroethane

Concen: 25.584 ug/l

RT: 2.790 min Scan# 159

Delta R.T. 0.006 min

Lab File: VY018284.D

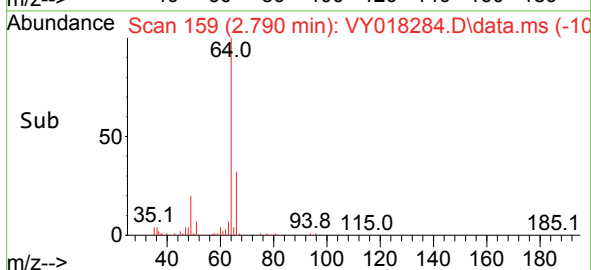
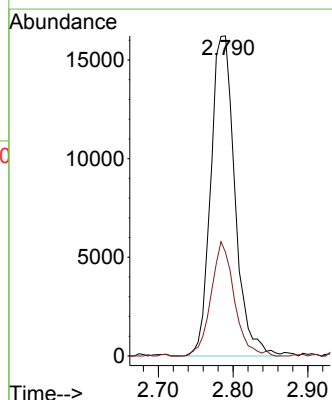
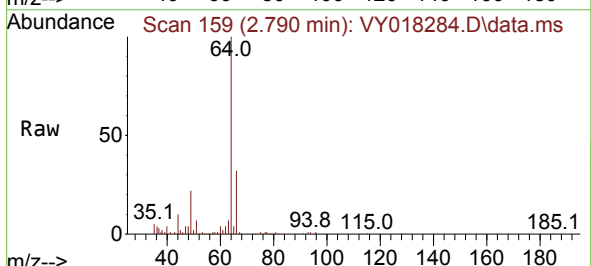
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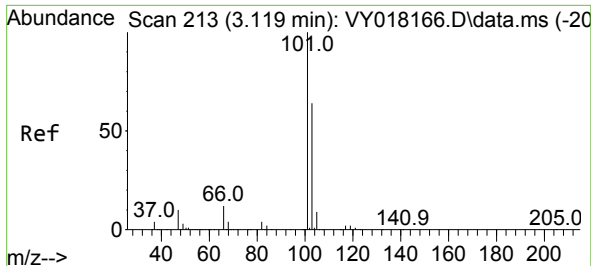
Tgt Ion: 64 Resp: 36398

Ion Ratio Lower Upper

64 100

66 32.4 26.1 39.1

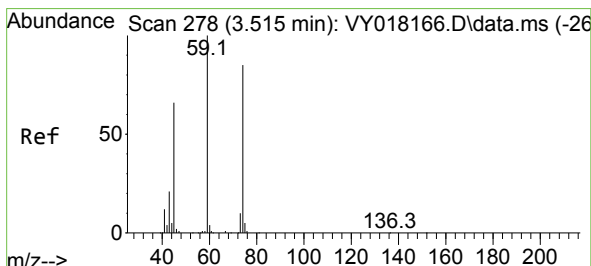
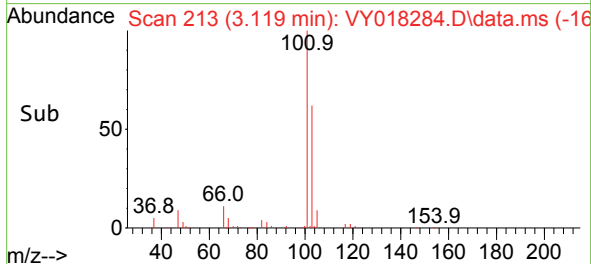
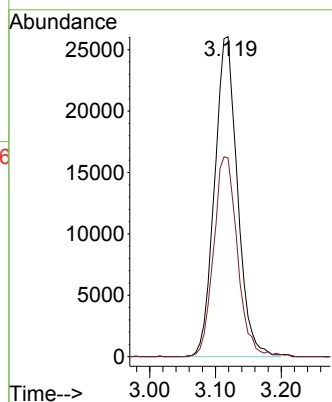
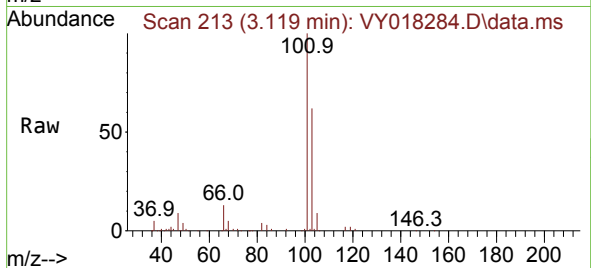




#7
 Trichlorofluoromethane
 Concen: 24.060 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VY018284.D
 Acq: 16 May 2024 13:44

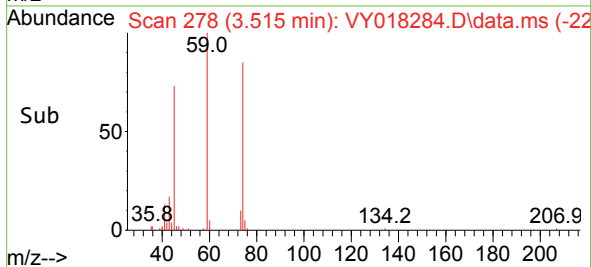
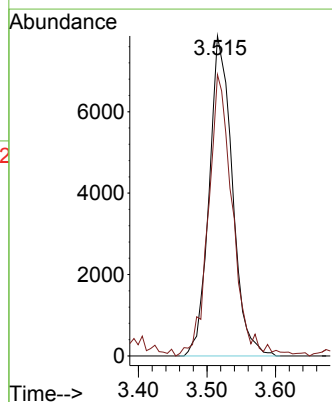
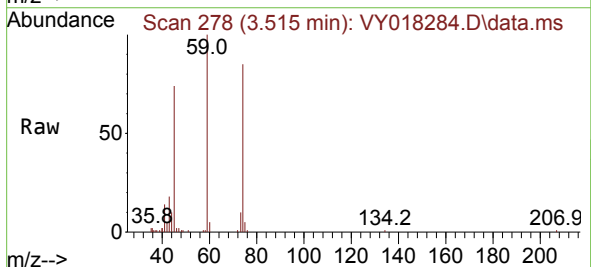
Instrument :
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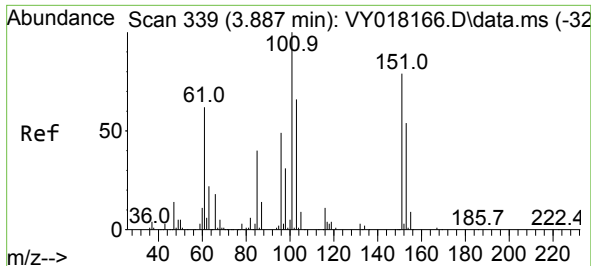
Tgt Ion:101 Resp: 63177
 Ion Ratio Lower Upper
 101 100
 103 62.1 49.3 73.9



#8
 Diethyl Ether
 Concen: 21.382 ug/l
 RT: 3.515 min Scan# 278
 Delta R.T. 0.000 min
 Lab File: VY018284.D
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Tgt Ion: 74 Resp: 18483
 Ion Ratio Lower Upper
 74 100
 45 89.9 41.3 124.1

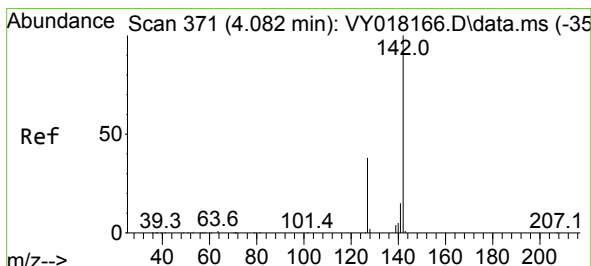
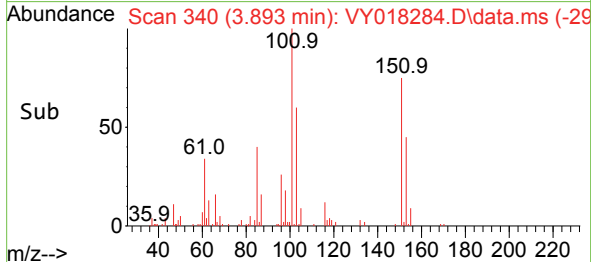
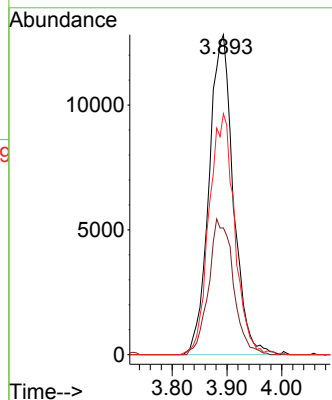
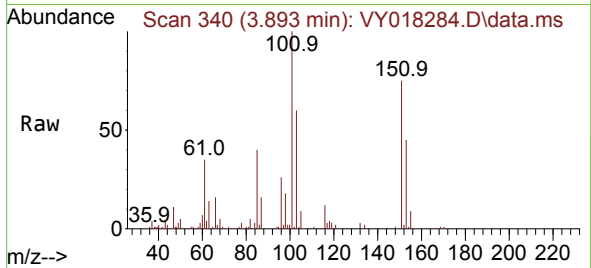




#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.558 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY018284.D
Acq: 16 May 2024 13:44

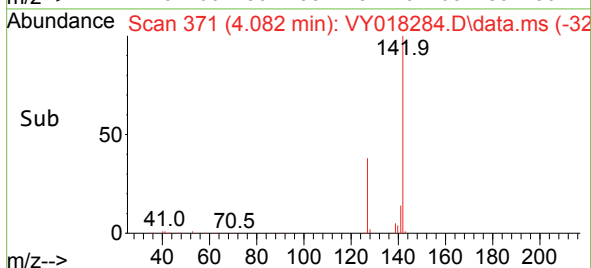
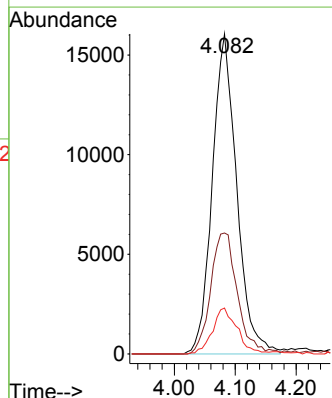
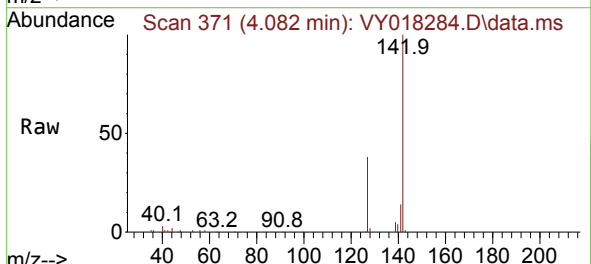
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

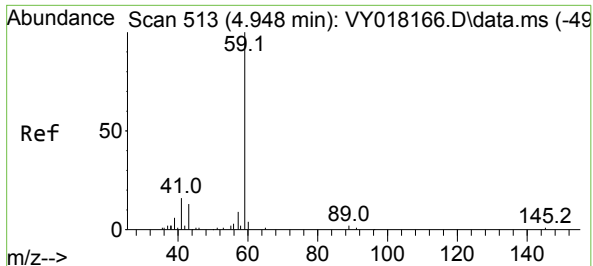
Tgt Ion:101 Resp: 39424
Ion Ratio Lower Upper
101 100
85 43.0 34.5 51.7
151 79.1 61.7 92.5



#10
Methyl Iodide
Concen: 22.884 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY018284.D
Acq: 16 May 2024 13:44

Tgt Ion:142 Resp: 44719
Ion Ratio Lower Upper
142 100
127 41.3 32.8 49.2
141 14.5 11.4 17.2





#11

Tert butyl alcohol

Concen: 166.590 ug/l

RT: 4.942 min Scan# 513

Delta R.T. -0.006 min

Lab File: VY018284.D

Acq: 16 May 2024 13:44

Instrument :

MSVOA_Y

ClientSampleId :

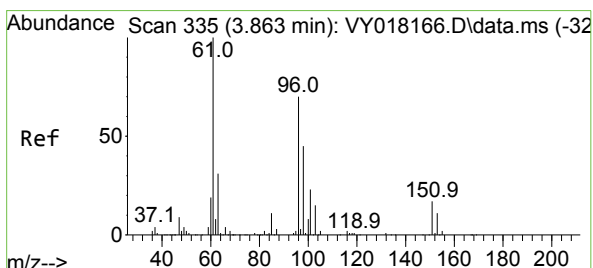
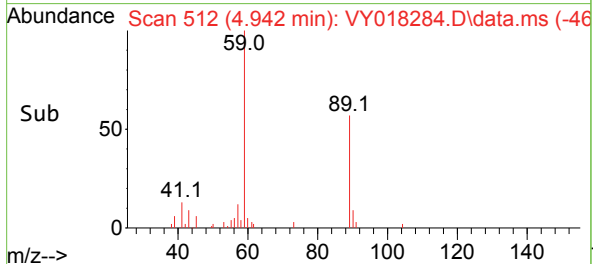
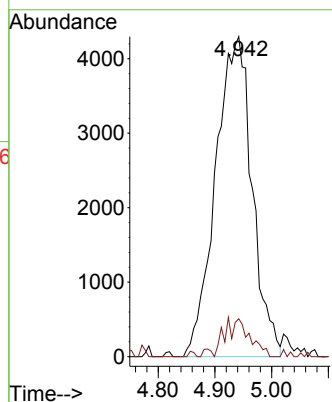
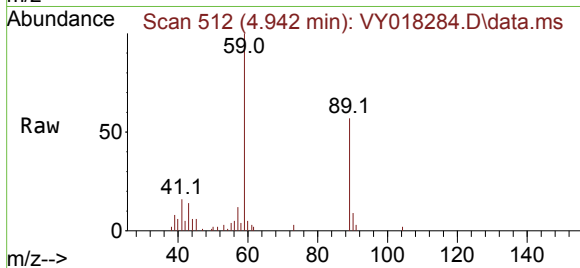
VY0516SBS01

Tgt Ion: 59 Resp: 19209

Ion Ratio Lower Upper

59 100

57 8.1 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 23.861 ug/l

RT: 3.857 min Scan# 334

Delta R.T. -0.006 min

Lab File: VY018284.D

Acq: 16 May 2024 13:44

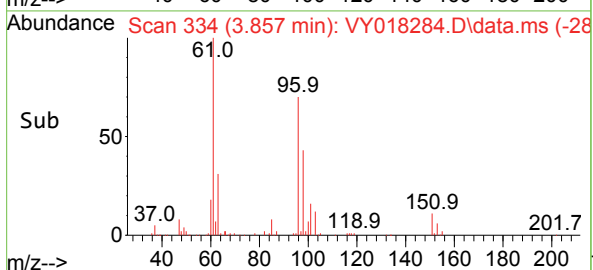
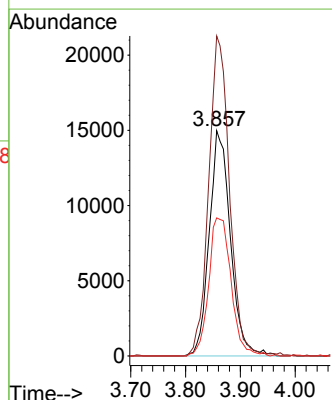
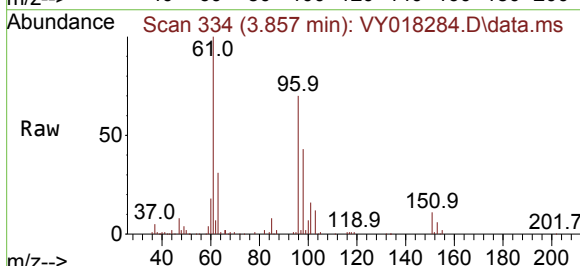
Tgt Ion: 96 Resp: 40197

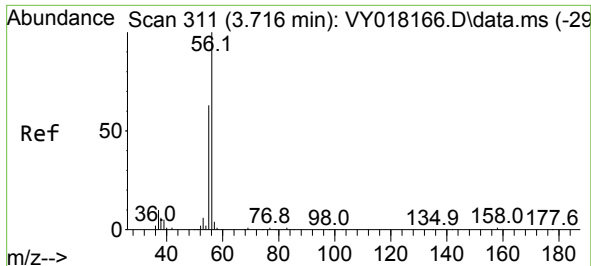
Ion Ratio Lower Upper

96 100

61 142.0 114.6 171.8

98 61.3 50.8 76.2

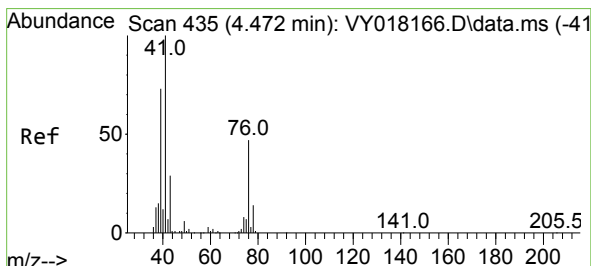
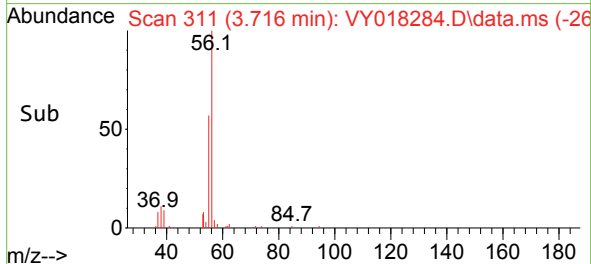
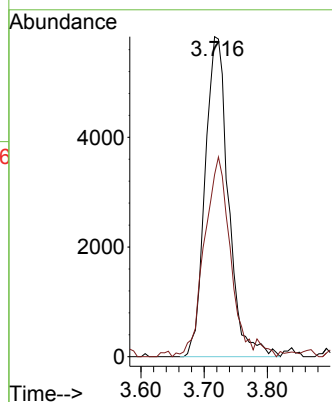
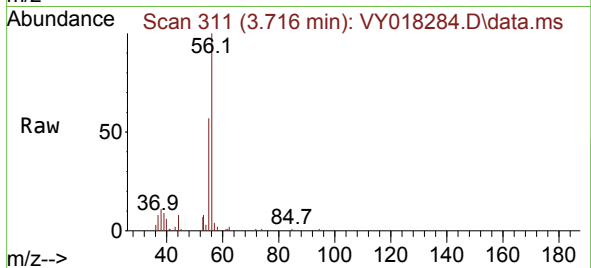




#13
Acrolein
Concen: 117.254 ug/l
RT: 3.716 min Scan# 311
Delta R.T. 0.000 min
Lab File: VY018284.D
Acq: 16 May 2024 13:44

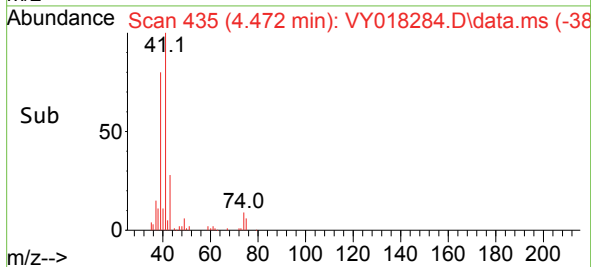
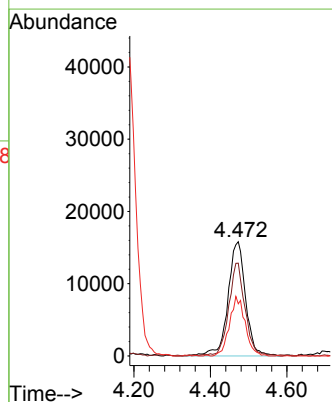
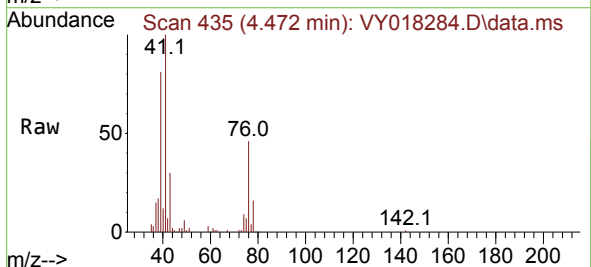
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

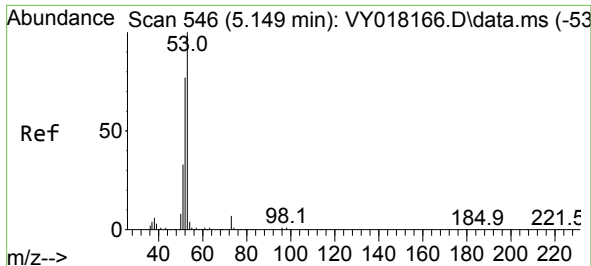
Tgt Ion: 56 Resp: 14986
Ion Ratio Lower Upper
56 100
55 68.4 55.7 83.5



#14
Allyl chloride
Concen: 23.584 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY018284.D
Acq: 16 May 2024 13:44

Tgt Ion: 41 Resp: 50545
Ion Ratio Lower Upper
41 100
39 73.4 58.3 87.5
76 46.1 39.0 58.6

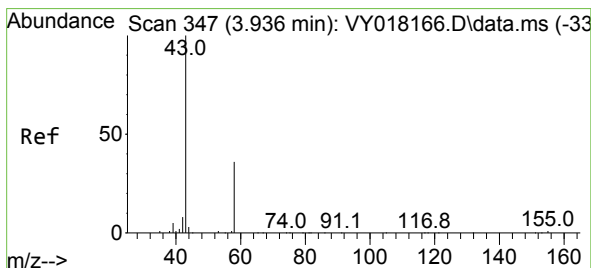
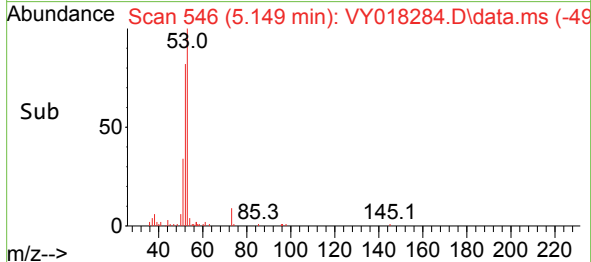
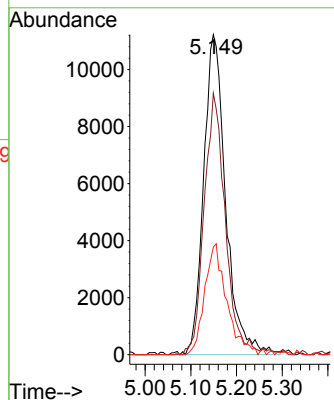
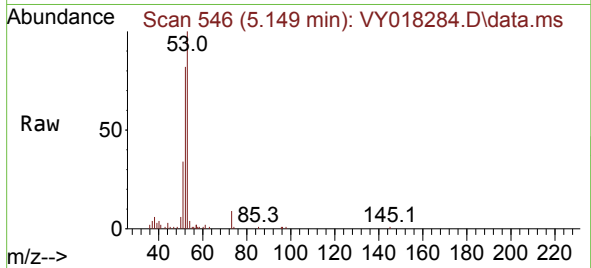




#15
Acrylonitrile
Concen: 113.297 ug/l
RT: 5.149 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY018284.D
Acq: 16 May 2024 13:44

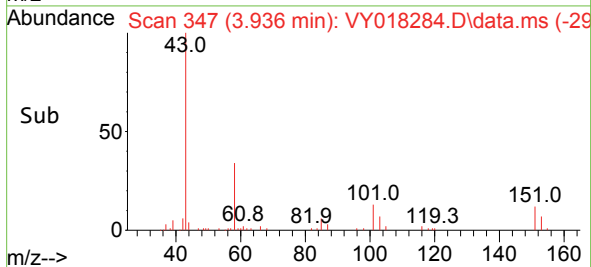
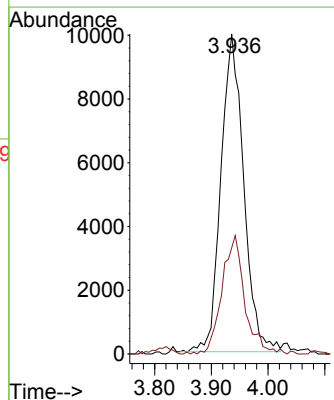
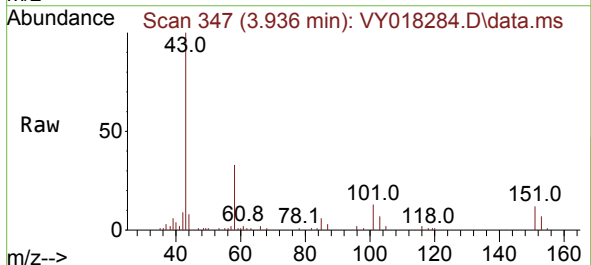
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

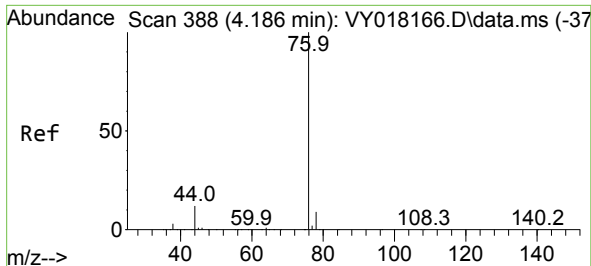
Tgt Ion: 53 Resp: 37662
Ion Ratio Lower Upper
53 100
52 78.0 64.7 97.1
51 34.5 28.4 42.6



#16
Acetone
Concen: 108.586 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY018284.D
Acq: 16 May 2024 13:44

Tgt Ion: 43 Resp: 27770
Ion Ratio Lower Upper
43 100
58 33.5 31.7 47.5

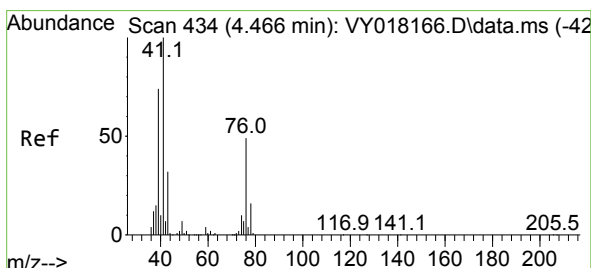
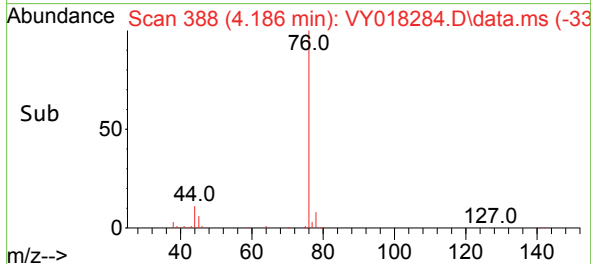
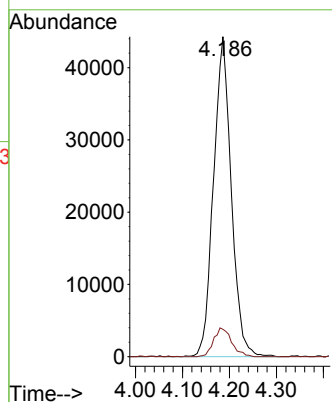
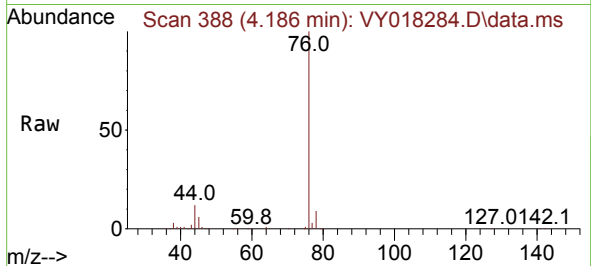




#17
Carbon Disulfide
Concen: 25.325 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY018284.D
Acq: 16 May 2024 13:44

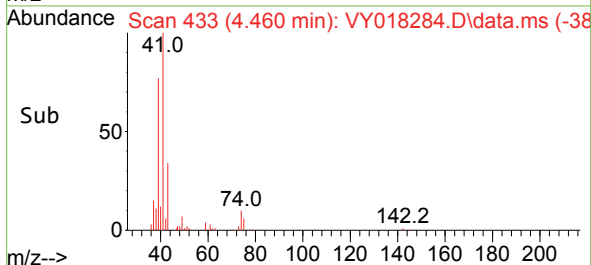
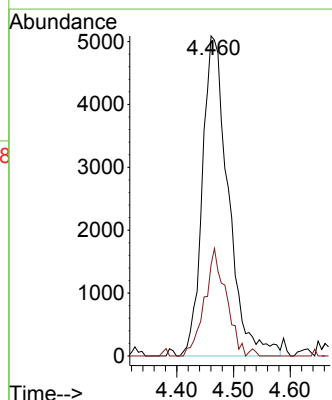
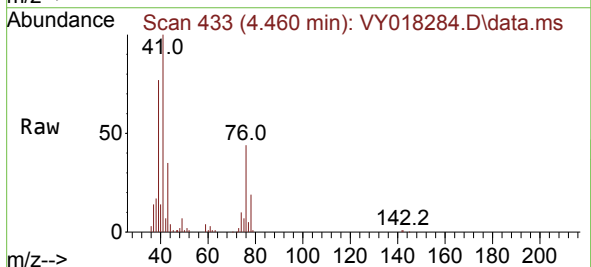
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

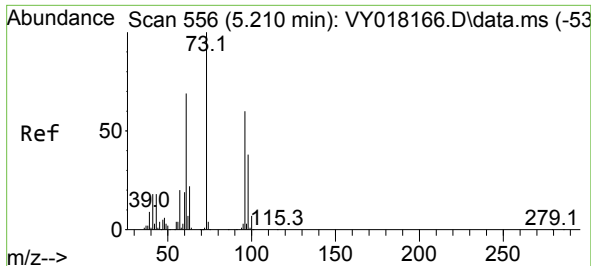
Tgt Ion: 76 Resp: 116148
Ion Ratio Lower Upper
76 100
78 8.5 6.8 10.2



#18
Methyl Acetate
Concen: 22.181 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.006 min
Lab File: VY018284.D
Acq: 16 May 2024 13:44

Tgt Ion: 43 Resp: 16159
Ion Ratio Lower Upper
43 100
74 27.9 23.3 34.9

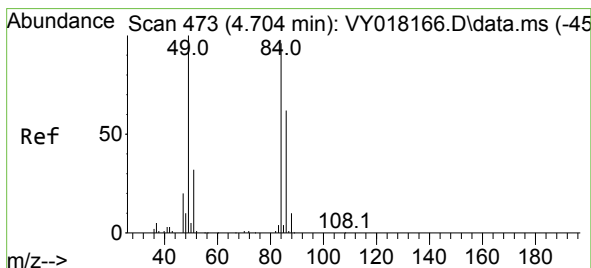
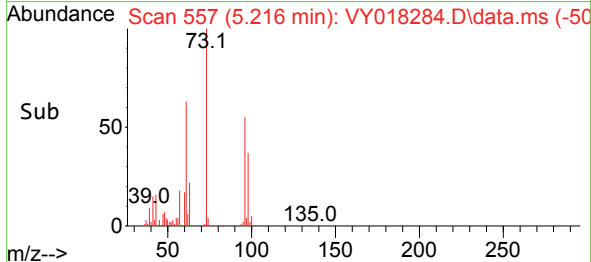
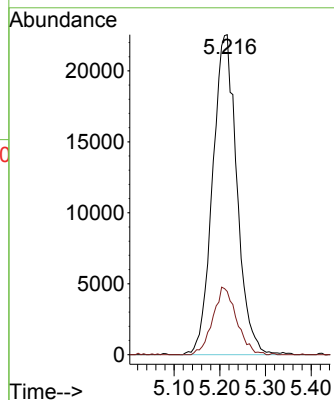
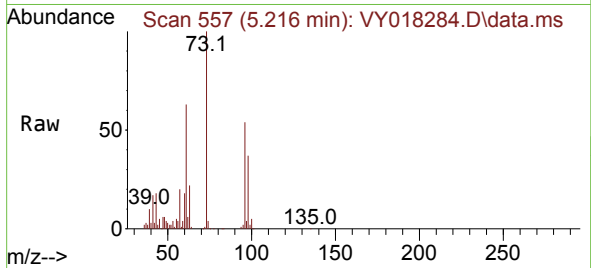




#19
Methyl tert-butyl Ether
Concen: 22.146 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY018284.D
Acq: 16 May 2024 13:44

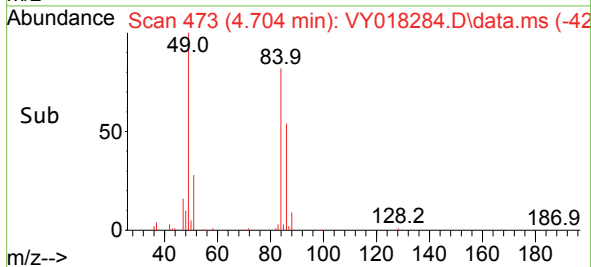
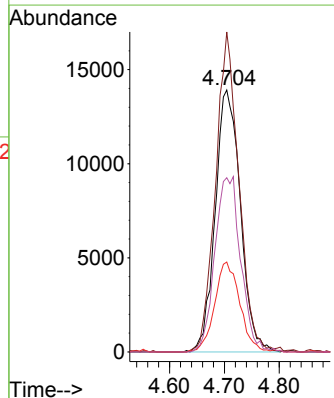
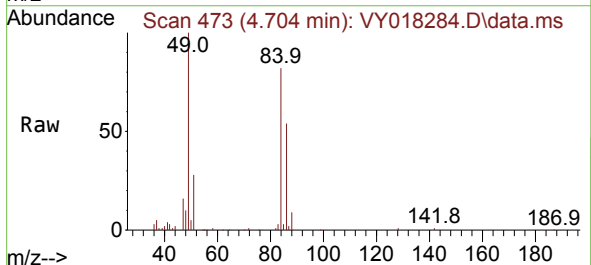
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

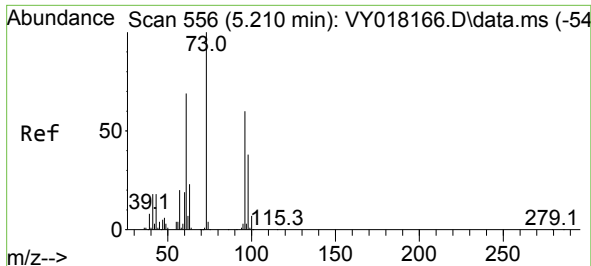
Tgt Ion: 73 Resp: 83108
Ion Ratio Lower Upper
73 100
57 19.8 17.3 25.9



#20
Methylene Chloride
Concen: 24.539 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY018284.D
Acq: 16 May 2024 13:44

Tgt Ion: 84 Resp: 44358
Ion Ratio Lower Upper
84 100
49 122.1 84.4 126.6
51 34.3 26.0 39.0
86 66.5 49.5 74.3

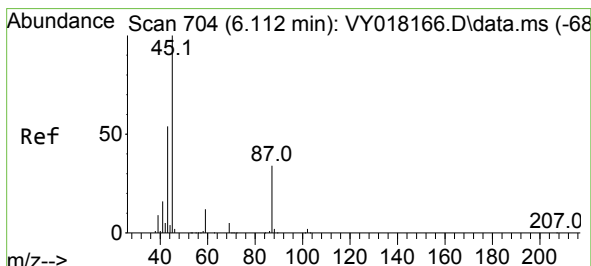
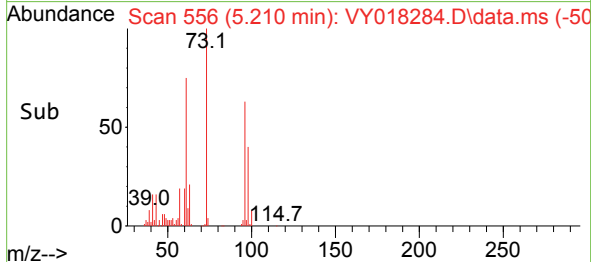
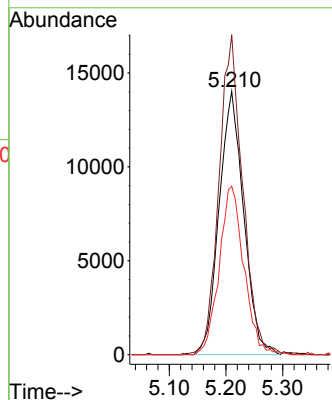
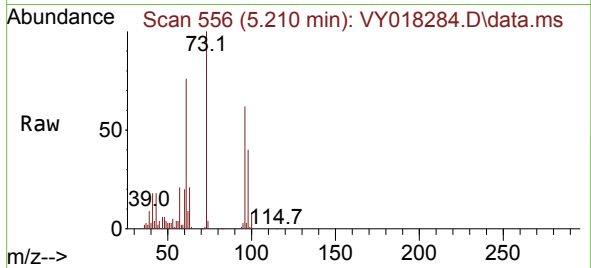




#21
trans-1,2-Dichloroethene
Concen: 23.607 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY018284.D
Acq: 16 May 2024 13:44

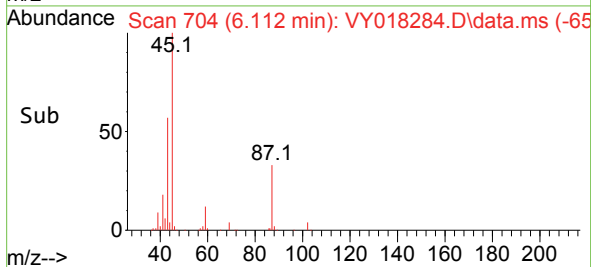
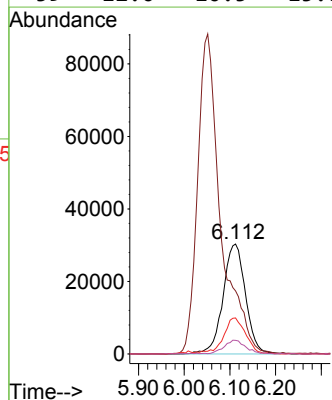
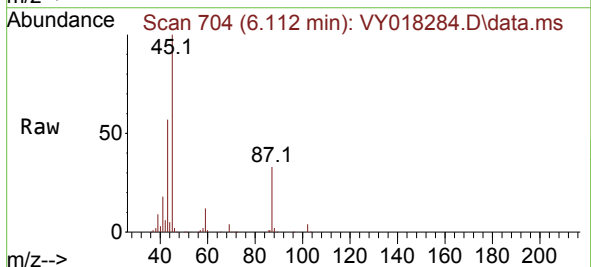
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

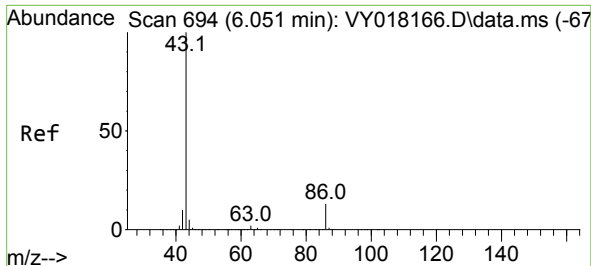
Tgt Ion: 96 Resp: 42157
Ion Ratio Lower Upper
96 100
61 121.5 97.5 146.3
98 64.0 50.5 75.7



#22
Diisopropyl ether
Concen: 22.852 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY018284.D
Acq: 16 May 2024 13:44

Tgt Ion: 45 Resp: 103895
Ion Ratio Lower Upper
45 100
43 56.8 42.2 63.2
87 32.8 25.0 37.6
59 12.0 10.5 15.7

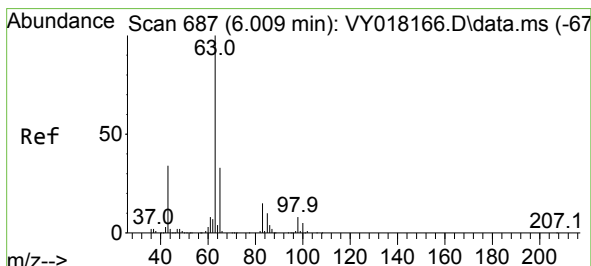
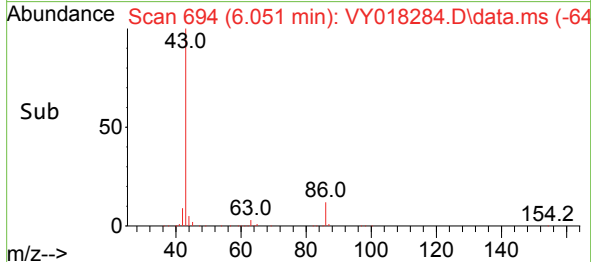
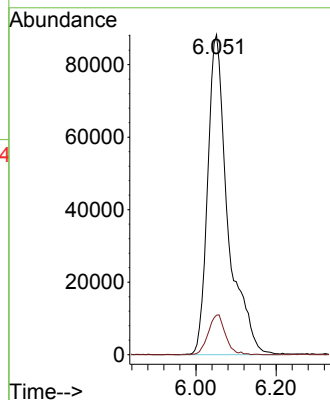
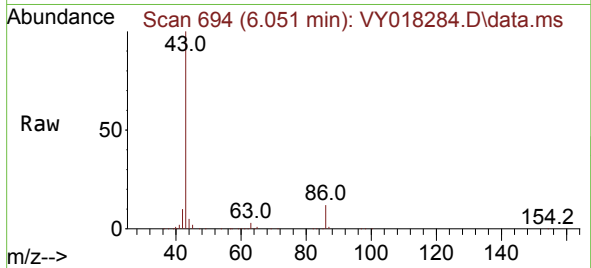




#23
 Vinyl Acetate
 Concen: 111.813 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY018284.D
 Acq: 16 May 2024 13:44

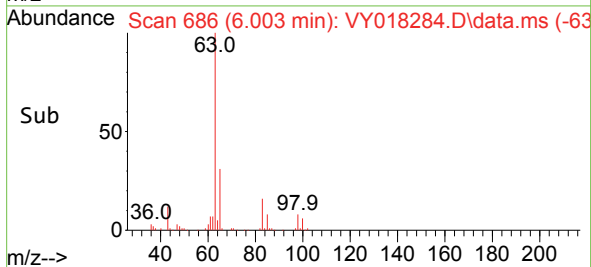
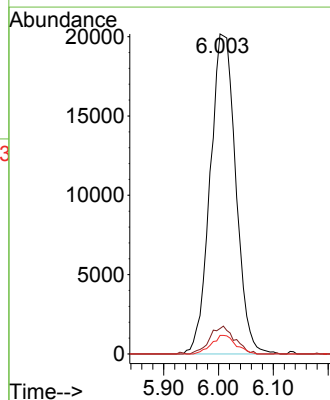
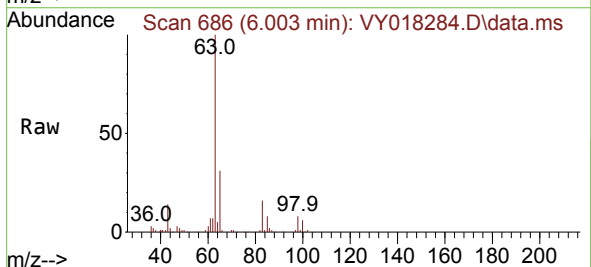
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0516SBS01

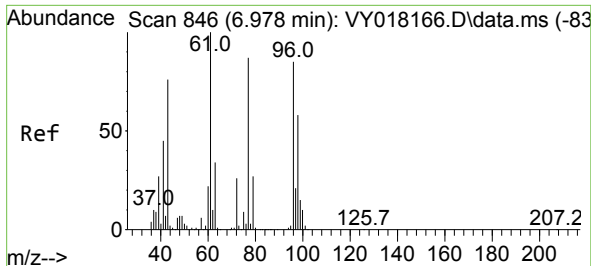
Tgt Ion: 43 Resp: 308968
 Ion Ratio Lower Upper
 43 100
 86 12.3 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 23.348 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.006 min
 Lab File: VY018284.D
 Acq: 16 May 2024 13:44

Tgt Ion: 63 Resp: 65377
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.0 12.2
 100 5.8 2.6 8.0





#25

2-Butanone

Concen: 114.126 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY018284.D

Acq: 16 May 2024 13:44

Instrument :

MSVOA_Y

ClientSampleId :

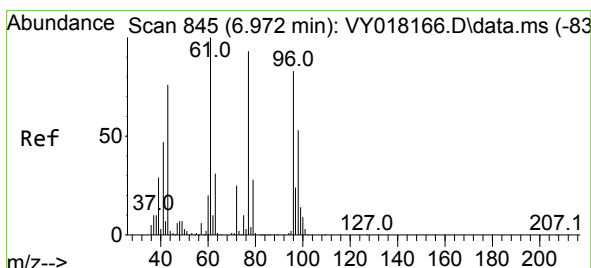
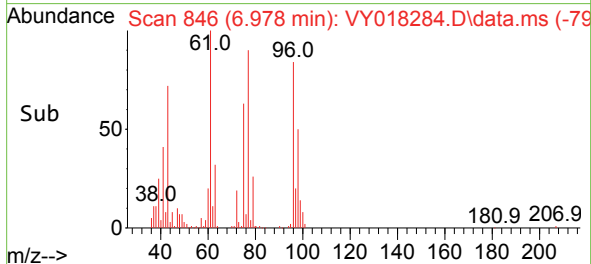
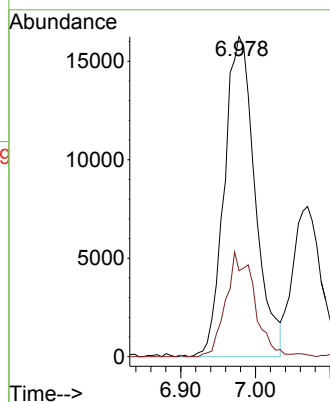
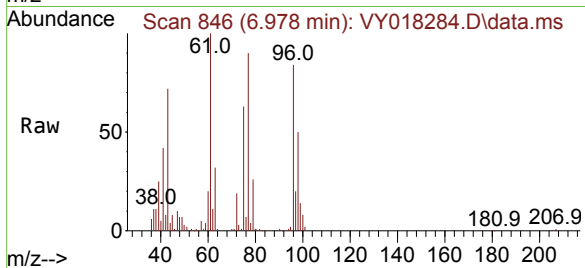
VY0516SBS01

Tgt Ion: 43 Resp: 46655

Ion Ratio Lower Upper

43 100

72 26.4 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 24.108 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY018284.D

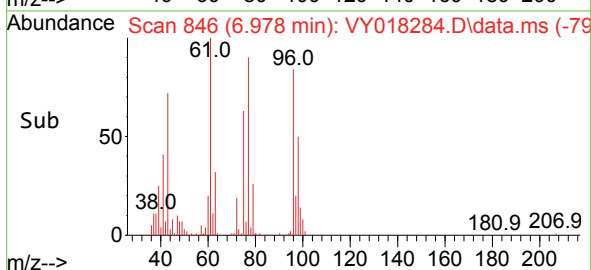
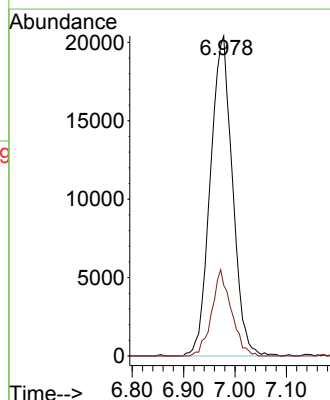
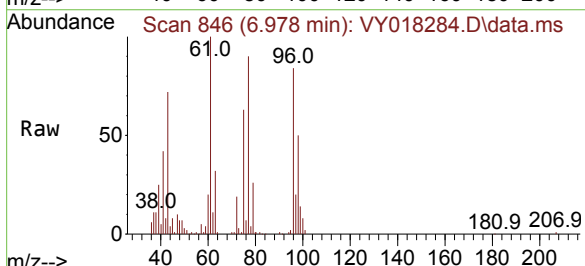
Acq: 16 May 2024 13:44

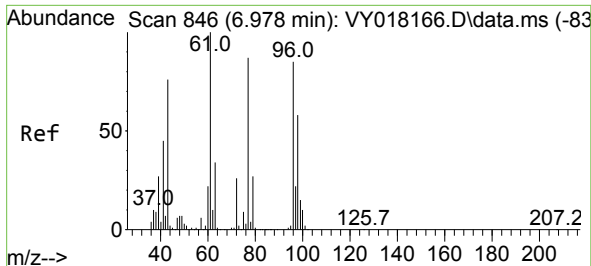
Tgt Ion: 77 Resp: 61098

Ion Ratio Lower Upper

77 100

97 23.9 12.0 36.1

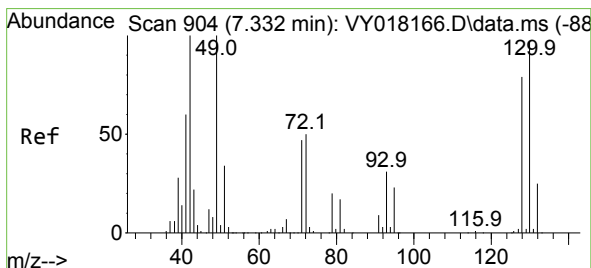
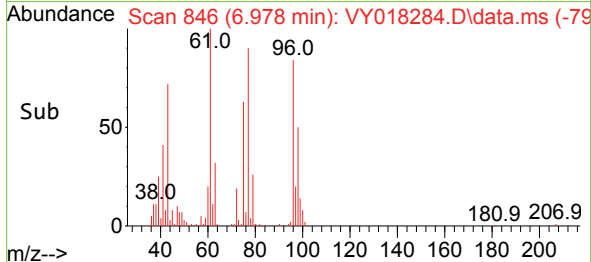
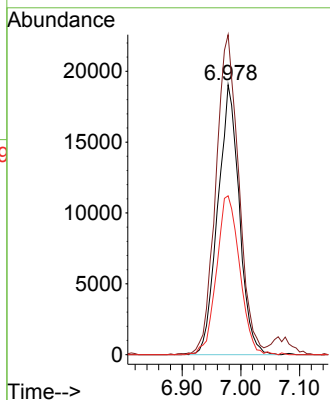
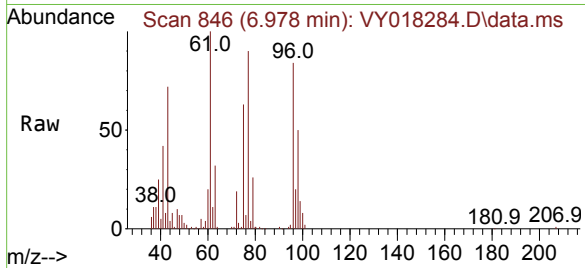




#27
 cis-1,2-Dichloroethene
 Concen: 22.956 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY018284.D
 Acq: 16 May 2024 13:44

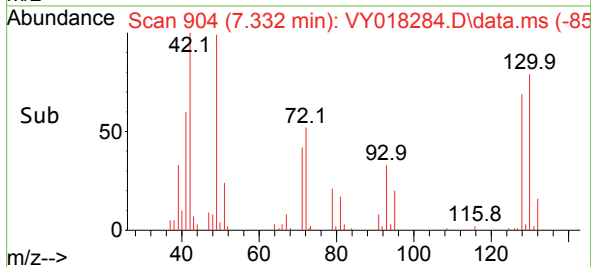
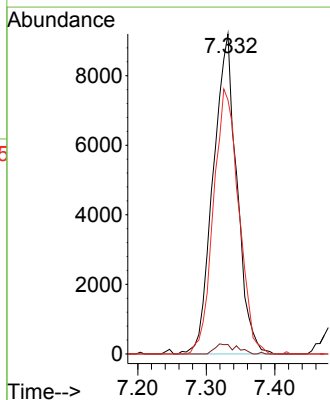
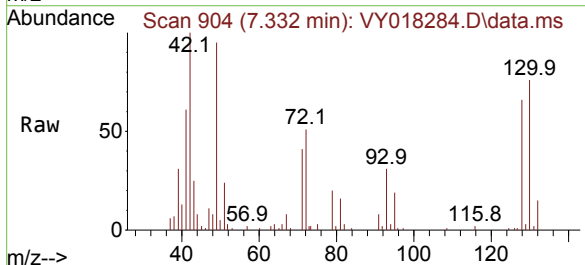
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0516SBS01

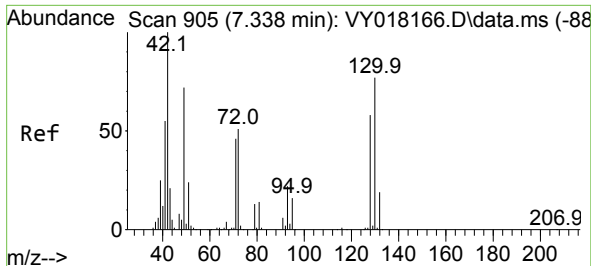
Tgt Ion: 96 Resp: 48447
 Ion Ratio Lower Upper
 96 100
 61 126.4 0.0 256.2
 98 63.4 0.0 130.0



#28
 Bromochloromethane
 Concen: 19.716 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.000 min
 Lab File: VY018284.D
 Acq: 16 May 2024 13:44

Tgt Ion: 49 Resp: 22066
 Ion Ratio Lower Upper
 49 100
 129 2.9 0.0 4.6
 130 88.3 72.7 109.1





#29

Tetrahydrofuran

Concen: 109.180 ug/l

RT: 7.344 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY018284.D

Acq: 16 May 2024 13:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01

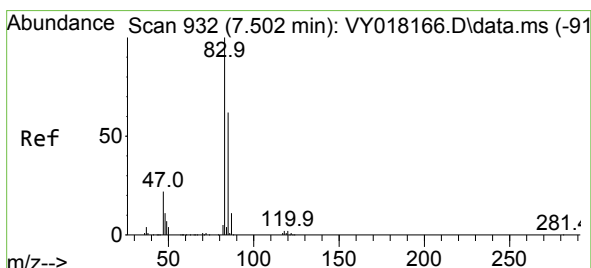
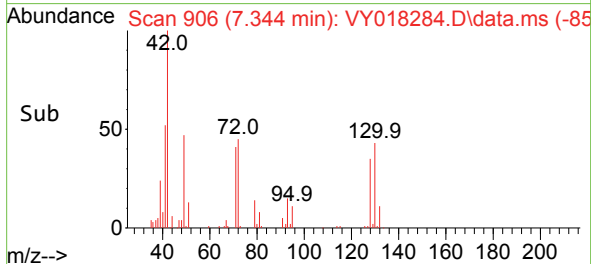
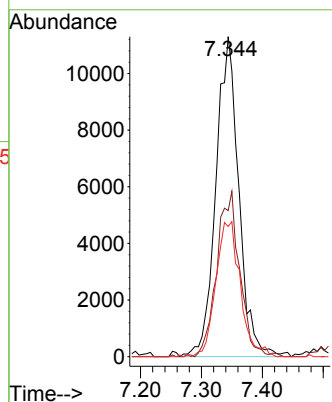
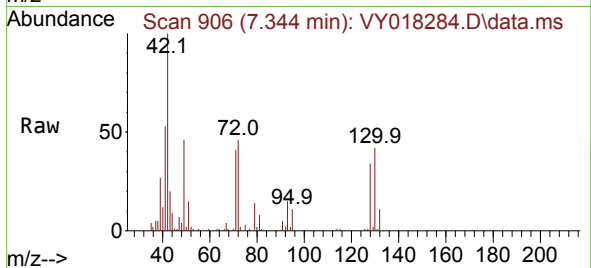
Tgt Ion: 42 Resp: 29462

Ion Ratio Lower Upper

42 100

72 51.6 43.0 64.4

71 45.2 40.8 61.2



#30

Chloroform

Concen: 22.858 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY018284.D

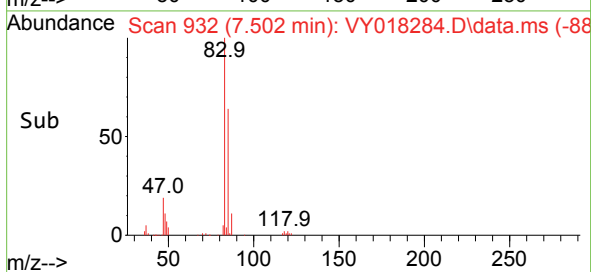
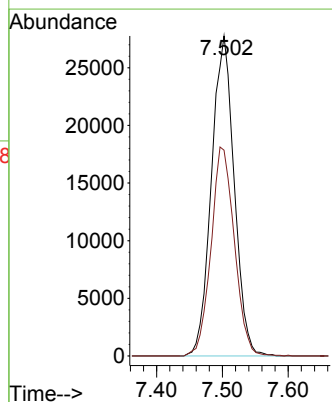
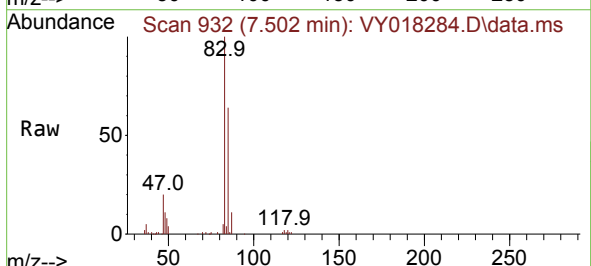
Acq: 16 May 2024 13:44

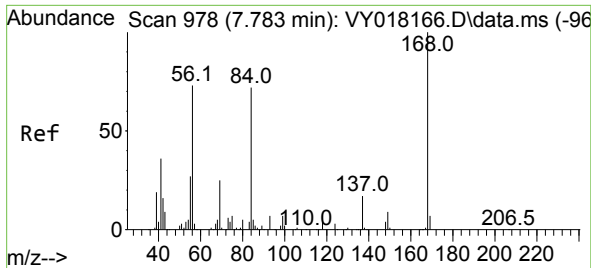
Tgt Ion: 83 Resp: 66821

Ion Ratio Lower Upper

83 100

85 64.3 52.2 78.4

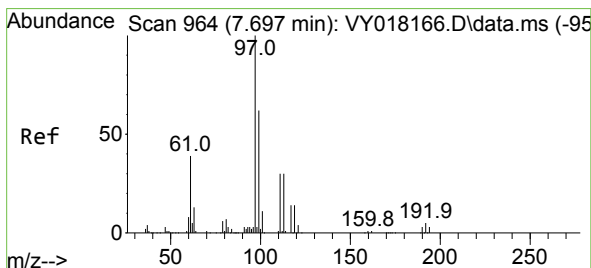
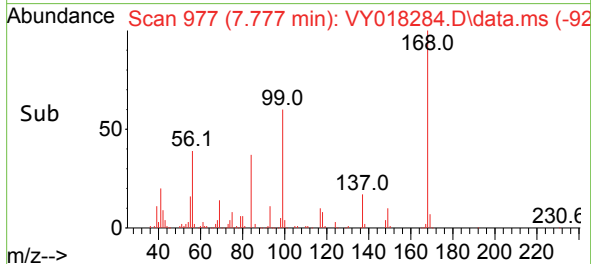
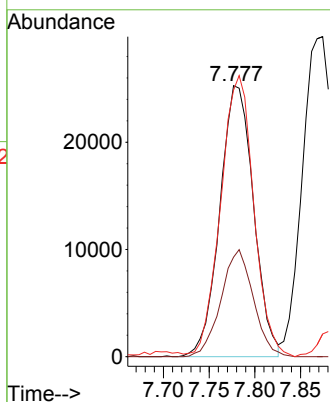
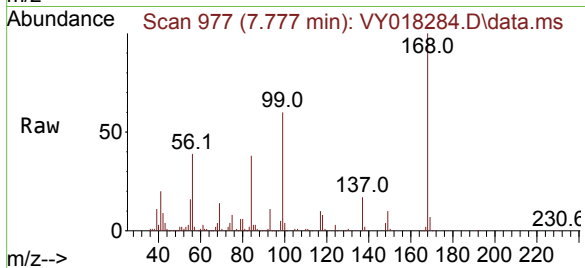




#31
Cyclohexane
Concen: 24.968 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018284.D
Acq: 16 May 2024 13:44

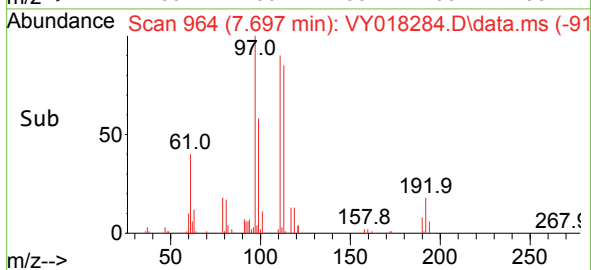
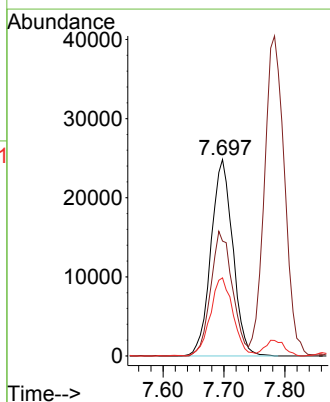
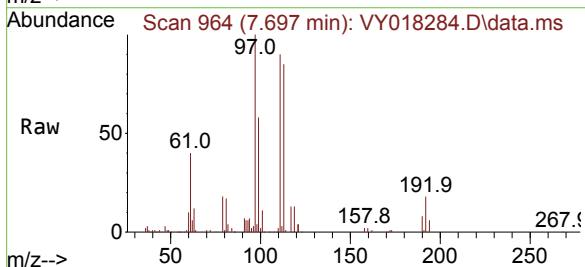
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

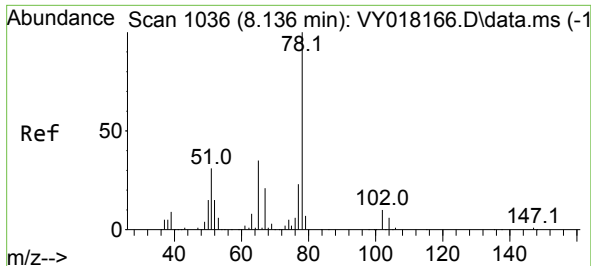
Tgt Ion: 56 Resp: 64937
Ion Ratio Lower Upper
56 100
69 36.7 28.7 43.1
84 96.8 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 23.606 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY018284.D
Acq: 16 May 2024 13:44

Tgt Ion: 97 Resp: 61851
Ion Ratio Lower Upper
97 100
99 63.3 50.3 75.5
61 41.4 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 51.314 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY018284.D

Acq: 16 May 2024 13:44

Instrument :

MSVOA_Y

ClientSampleId :

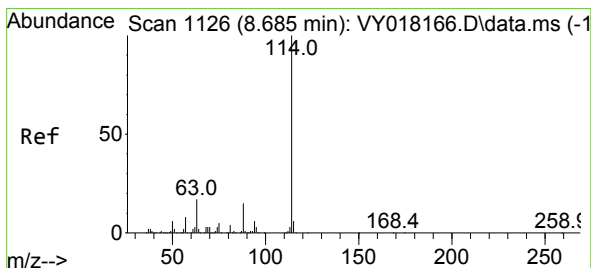
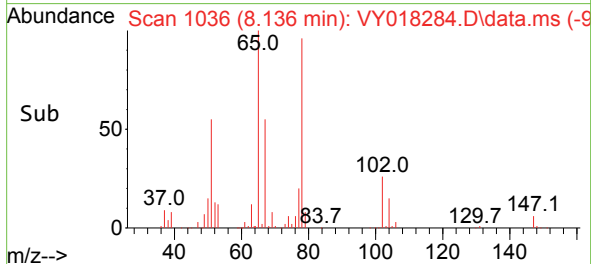
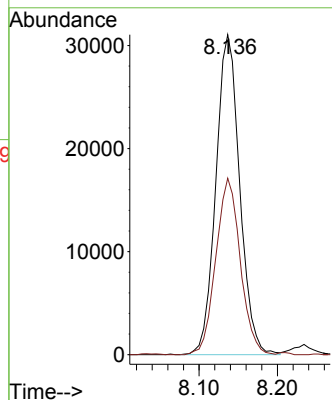
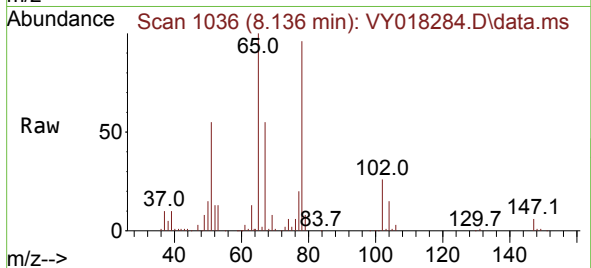
VY0516SBS01

Tgt Ion: 65 Resp: 65761

Ion Ratio Lower Upper

65 100

67 56.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY018284.D

Acq: 16 May 2024 13:44

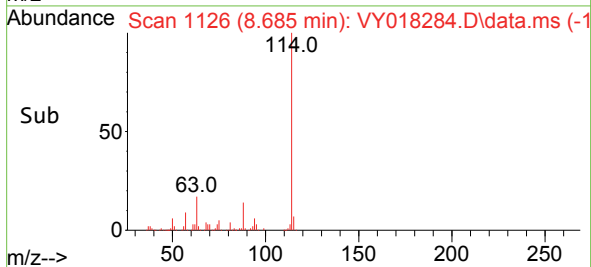
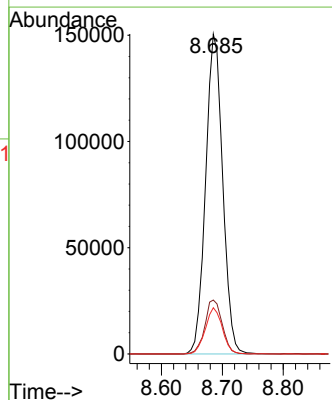
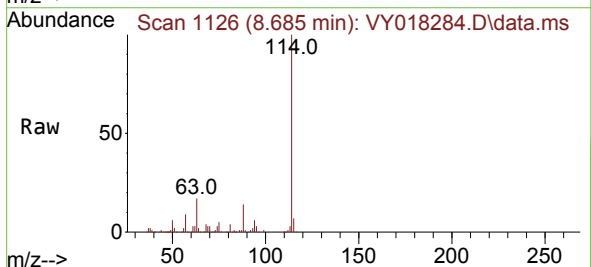
Tgt Ion: 114 Resp: 293040

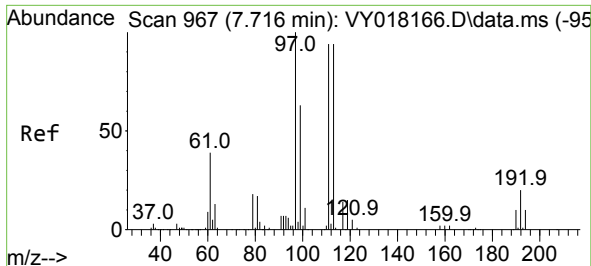
Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.0

88 14.5 0.0 27.2

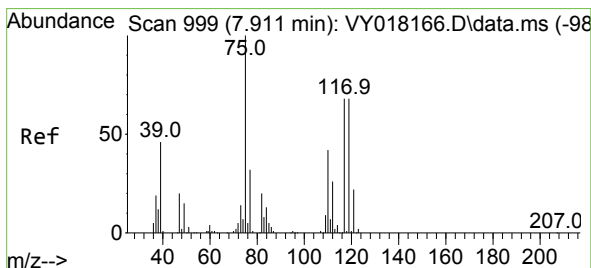
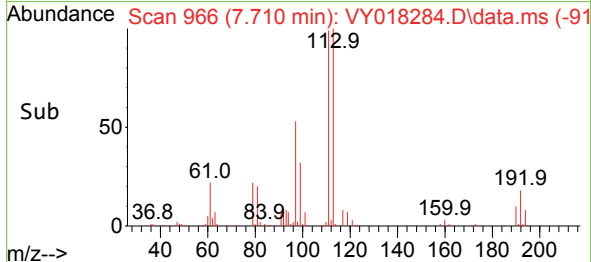
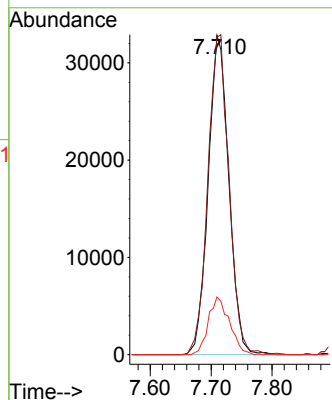
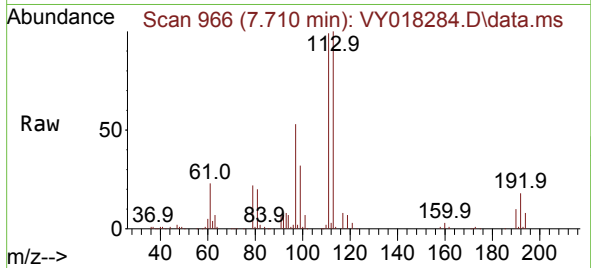




#35
Dibromofluoromethane
Concen: 50.070 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018284.D
Acq: 16 May 2024 13:44

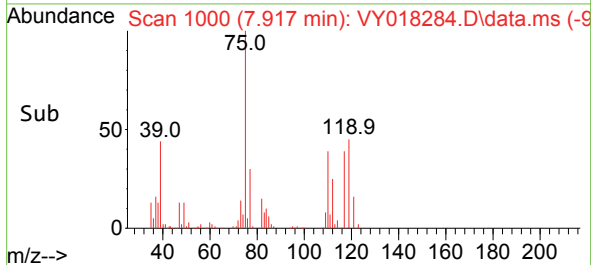
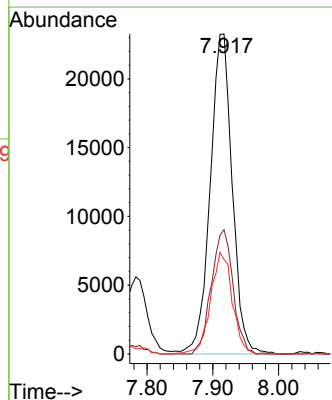
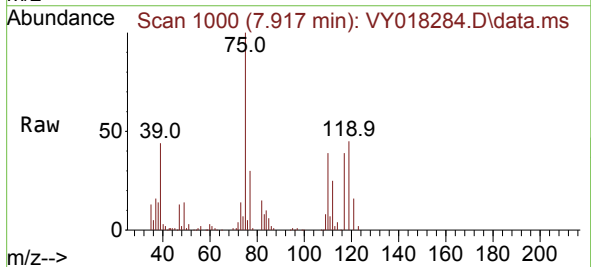
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

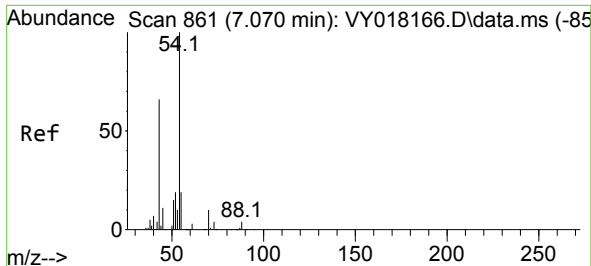
Tgt Ion:113 Resp: 77111
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 18.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 24.515 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY018284.D
Acq: 16 May 2024 13:44

Tgt Ion: 75 Resp: 54124
Ion Ratio Lower Upper
75 100
110 38.3 19.0 57.0
77 31.4 25.3 37.9

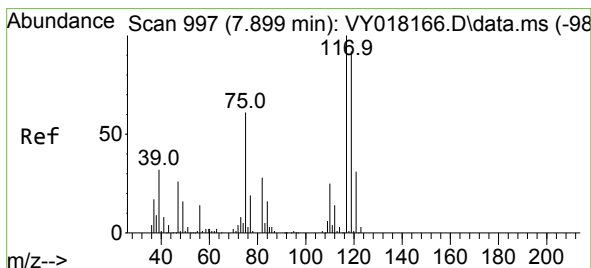
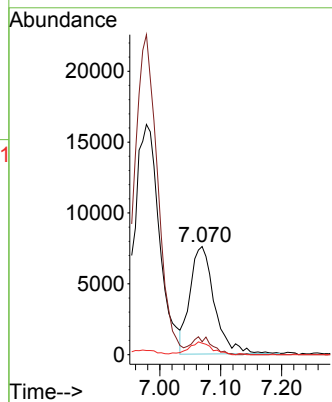
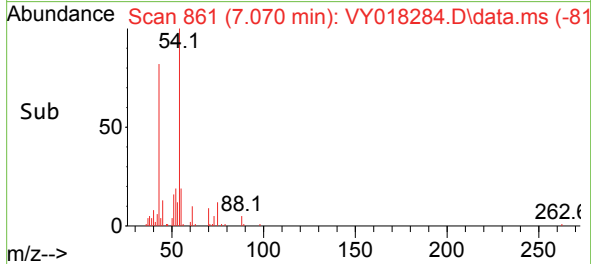
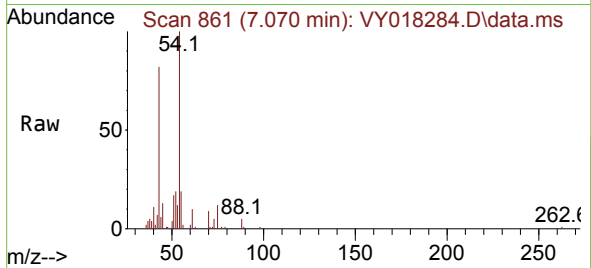




#37
Ethyl Acetate
Concen: 22.703 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY018284.D
Acq: 16 May 2024 13:44

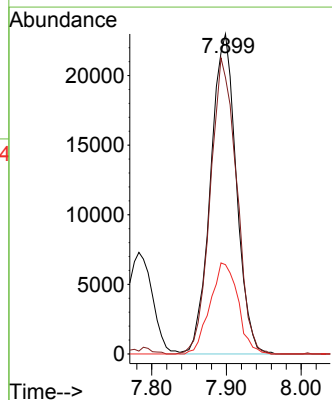
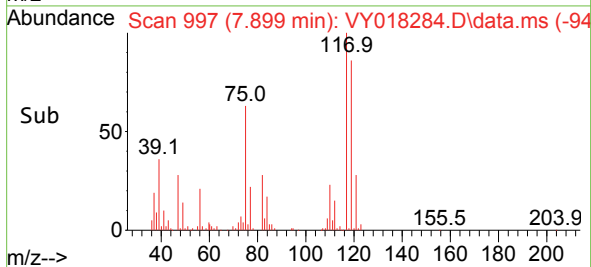
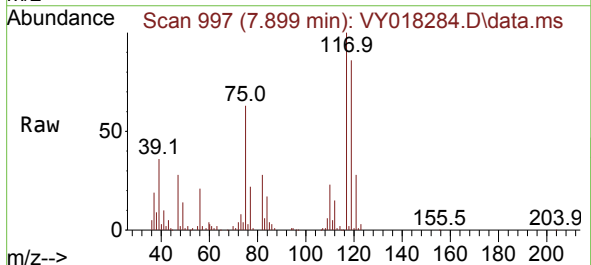
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

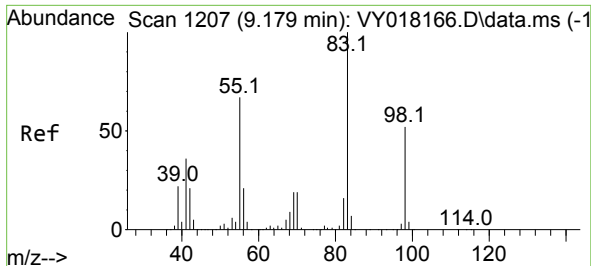
Tgt Ion:	43	Resp:	21096
Ion	Ratio	Lower	Upper
43	100		
61	14.1	12.6	19.0
70	11.2	7.8	11.8



#38
Carbon Tetrachloride
Concen: 22.765 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY018284.D
Acq: 16 May 2024 13:44

Tgt Ion:	117	Resp:	54917
Ion	Ratio	Lower	Upper
117	100		
119	86.4	75.8	113.6
121	27.9	24.0	36.0





#39

Methylcyclohexane

Concen: 23.395 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018284.D

Acq: 16 May 2024 13:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01

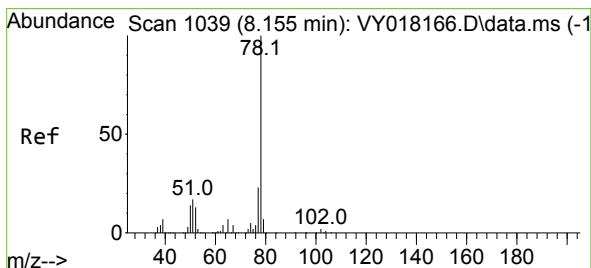
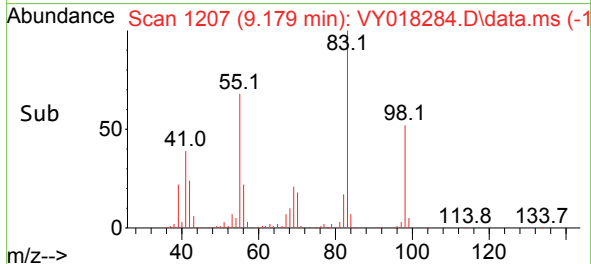
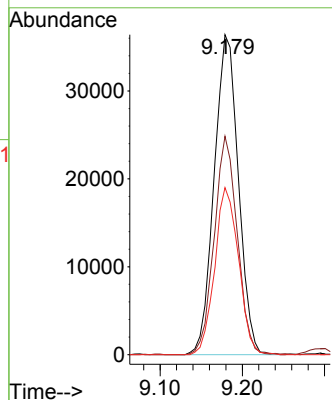
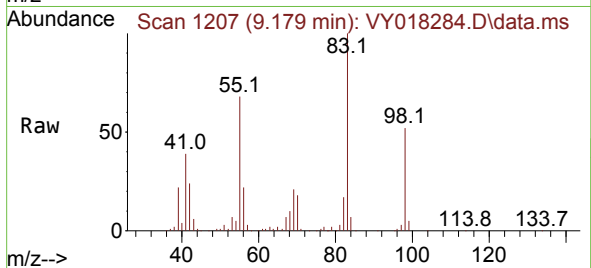
Tgt Ion: 83 Resp: 74515

Ion Ratio Lower Upper

83 100

55 68.2 51.5 77.3

98 52.2 40.5 60.7



#40

Benzene

Concen: 22.955 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY018284.D

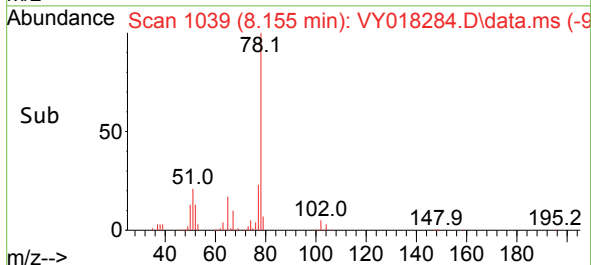
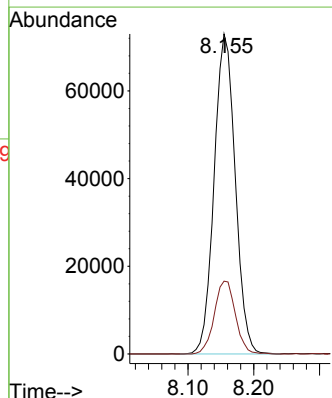
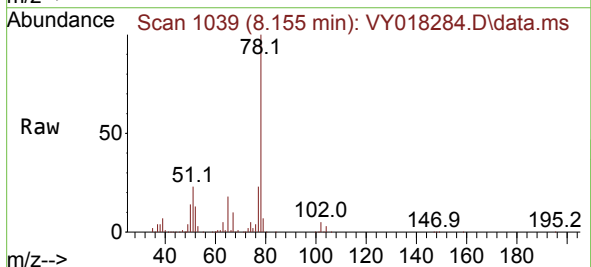
Acq: 16 May 2024 13:44

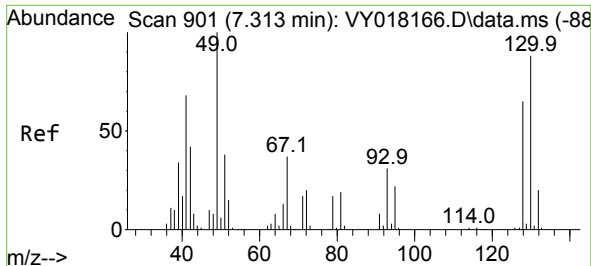
Tgt Ion: 78 Resp: 163020

Ion Ratio Lower Upper

78 100

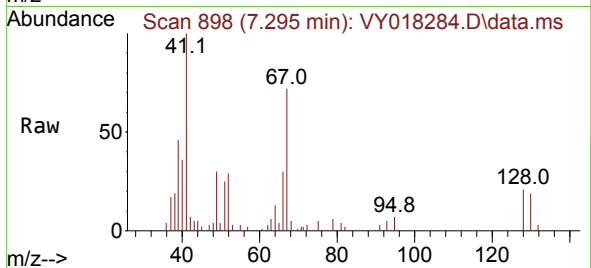
77 22.8 19.5 29.3



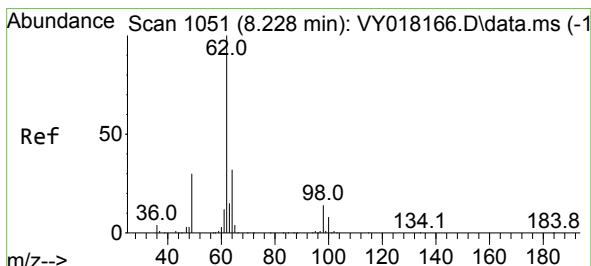
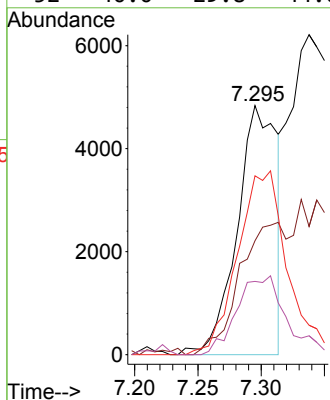
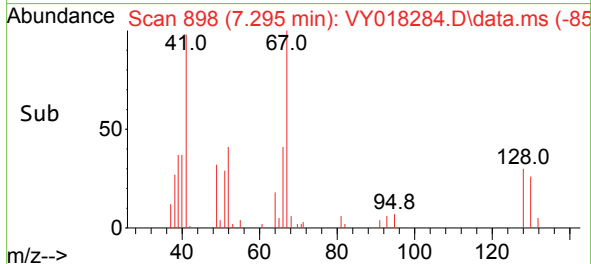


#41
Methacrylonitrile
Concen: 19.758 ug/l
RT: 7.295 min Scan# 898
Delta R.T. -0.018 min
Lab File: VY018284.D
Acq: 16 May 2024 13:44

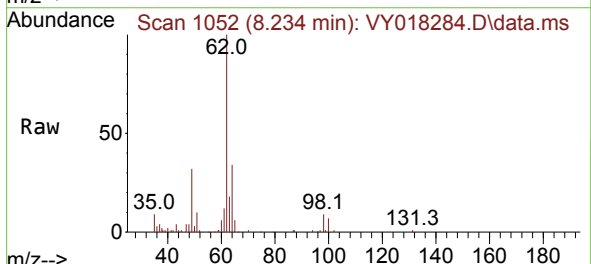
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01



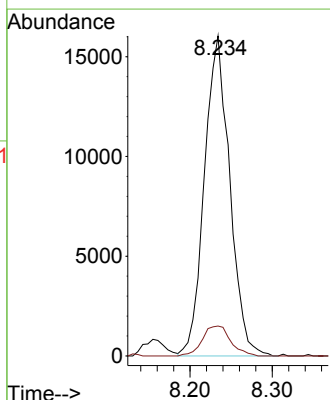
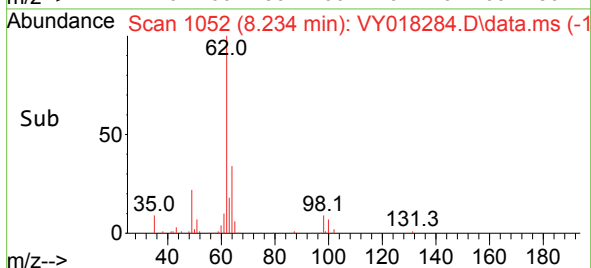
Tgt Ion:	41	Resp:	10602
Ion	Ratio	Lower	Upper
41	100		
39	61.5	48.0	72.0
67	91.1	75.1	112.7
52	40.0	29.8	44.6

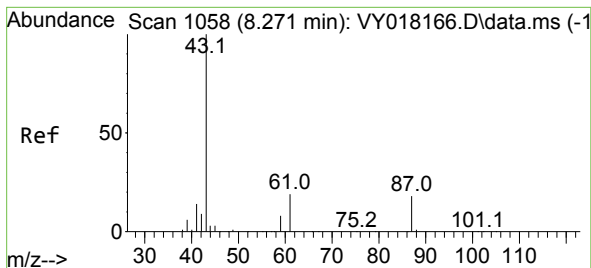


#42
1,2-Dichloroethane
Concen: 22.243 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.006 min
Lab File: VY018284.D
Acq: 16 May 2024 13:44



Tgt Ion:	62	Resp:	34369
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	22.0





#43

Isopropyl Acetate

Concen: 21.474 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VY018284.D

Acq: 16 May 2024 13:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01

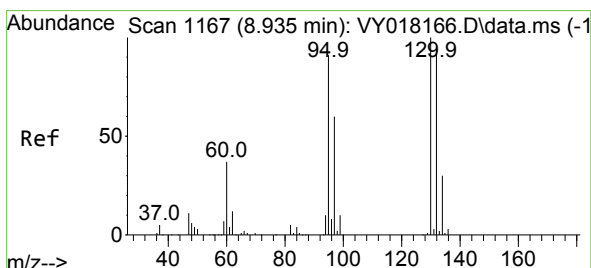
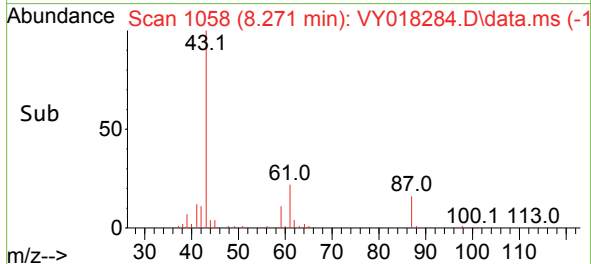
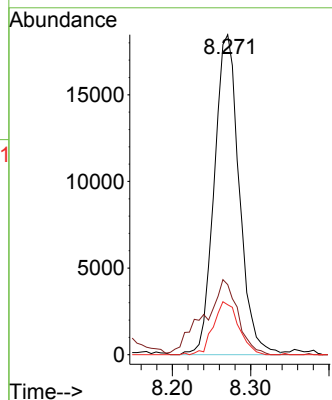
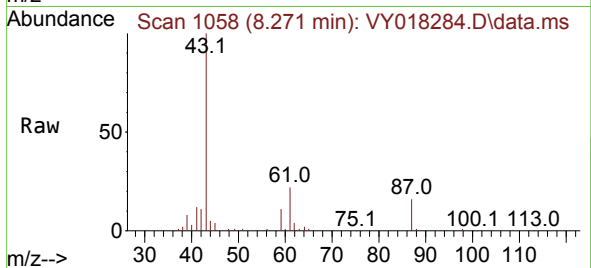
Tgt Ion: 43 Resp: 40902

Ion Ratio Lower Upper

43 100

61 31.9 27.9 41.9

87 16.9 13.1 19.7



#44

Trichloroethene

Concen: 22.561 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VY018284.D

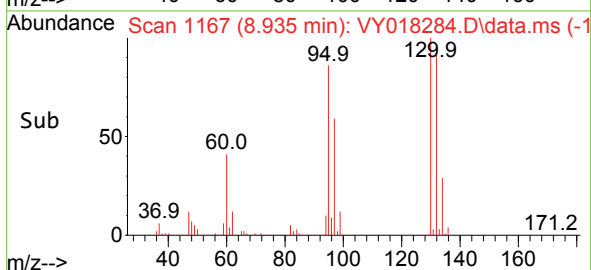
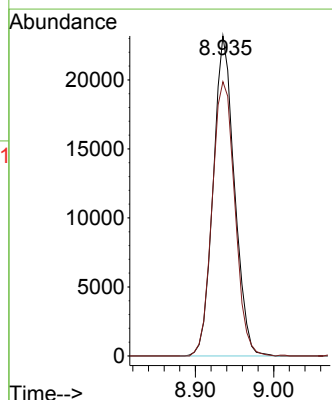
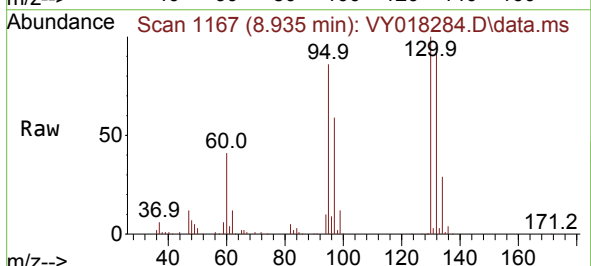
Acq: 16 May 2024 13:44

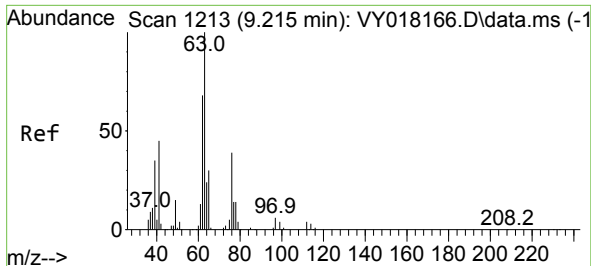
Tgt Ion: 130 Resp: 43615

Ion Ratio Lower Upper

130 100

95 85.7 0.0 188.0

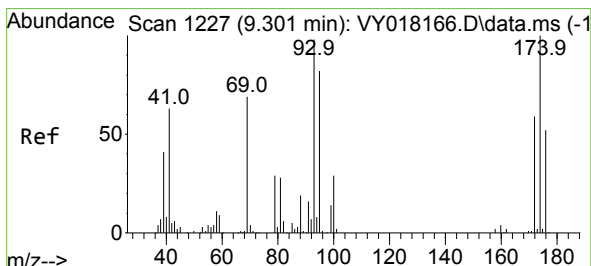
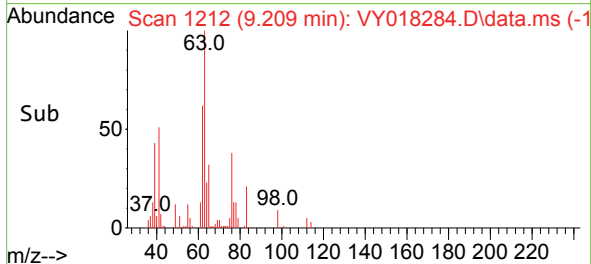
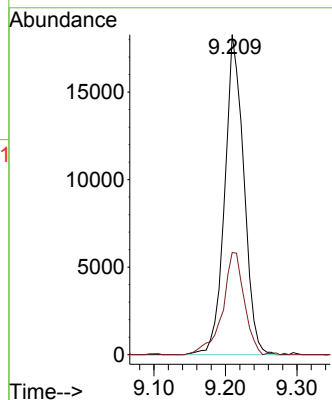
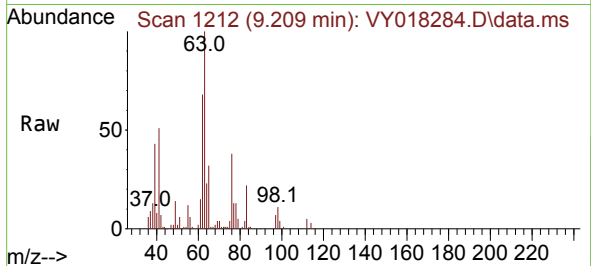




#45
1,2-Dichloropropane
Concen: 21.825 ug/l
RT: 9.209 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018284.D
Acq: 16 May 2024 13:44

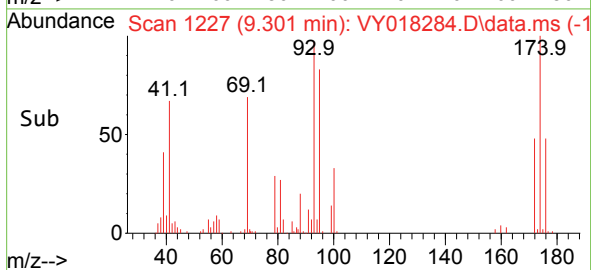
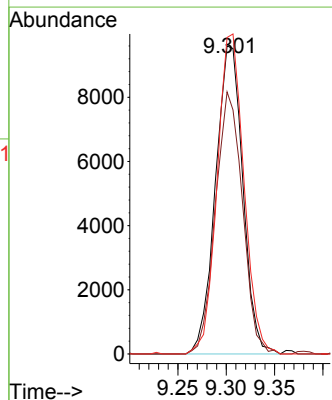
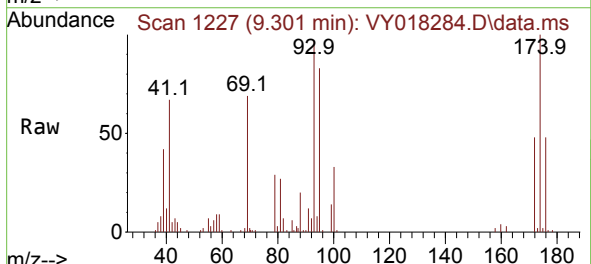
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

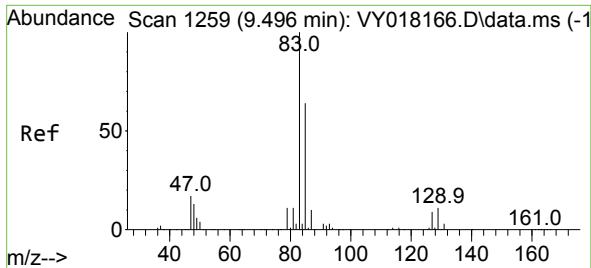
Tgt Ion: 63 Resp: 33885
Ion Ratio Lower Upper
63 100
65 31.9 25.4 38.2



#46
Dibromomethane
Concen: 21.129 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY018284.D
Acq: 16 May 2024 13:44

Tgt Ion: 93 Resp: 18859
Ion Ratio Lower Upper
93 100
95 84.0 66.2 99.4
174 101.5 80.9 121.3

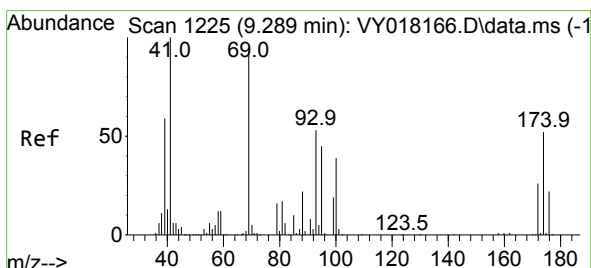
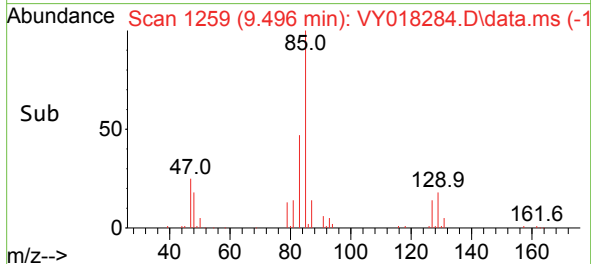
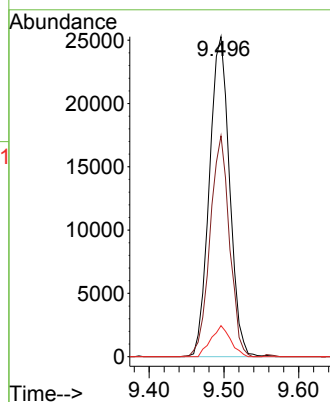
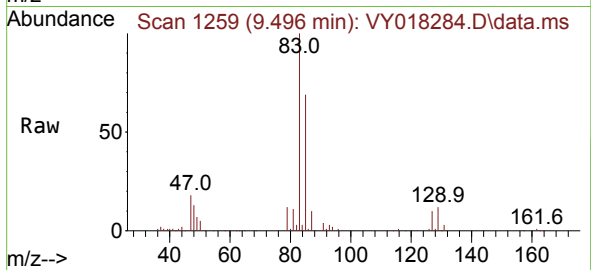




#47
Bromodichloromethane
Concen: 21.524 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY018284.D
Acq: 16 May 2024 13:44

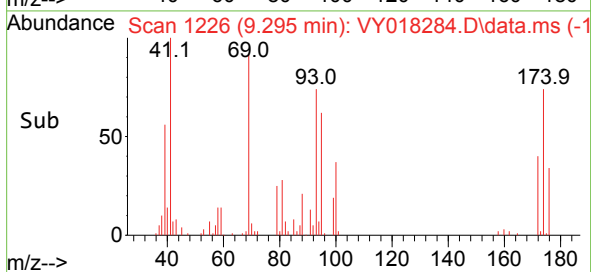
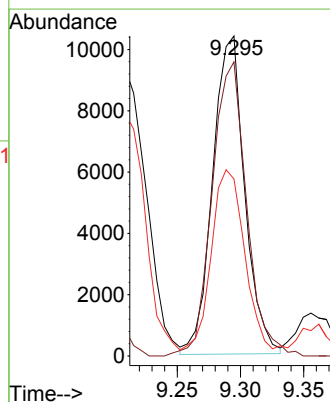
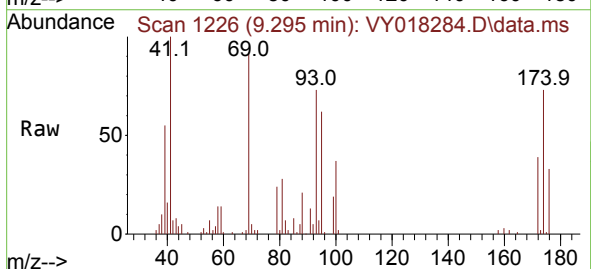
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

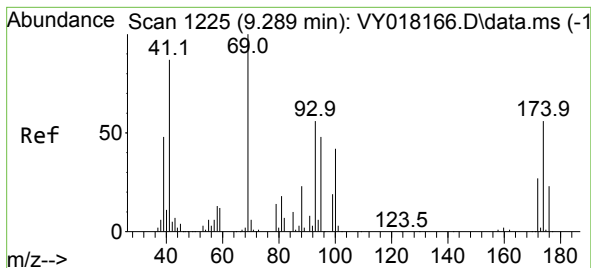
Tgt Ion:	83	Resp:	47494
Ion	Ratio	Lower	Upper
83	100		
85	69.0	50.1	75.1
127	9.7	7.4	11.0



#48
Methyl methacrylate
Concen: 20.934 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY018284.D
Acq: 16 May 2024 13:44

Tgt Ion:	41	Resp:	18274
Ion	Ratio	Lower	Upper
41	100		
69	99.3	84.1	126.1
39	59.0	43.6	65.4





#49

1,4-Dioxane

Concen: 401.349 ug/l

RT: 9.289 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018284.D

Acq: 16 May 2024 13:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01

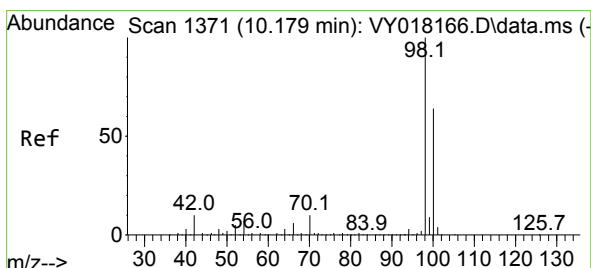
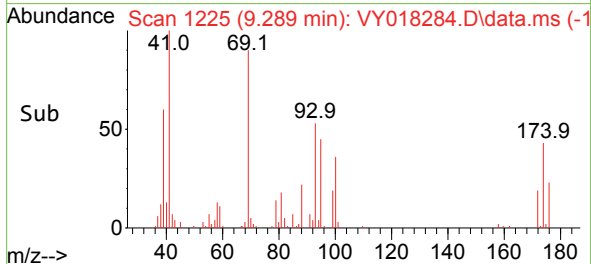
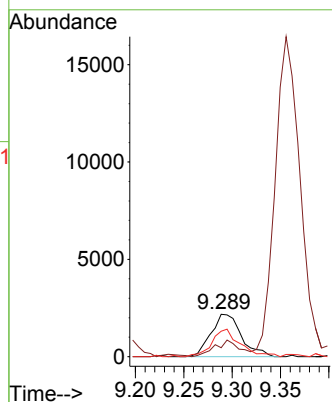
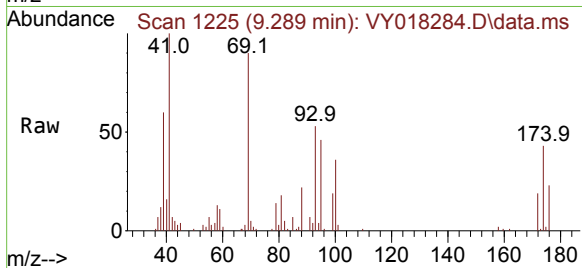
Tgt Ion: 88 Resp: 4755

Ion Ratio Lower Upper

88 100

43 32.1 0.0 0.0#

58 59.9 49.3 73.9



#50

Toluene-d8

Concen: 50.766 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY018284.D

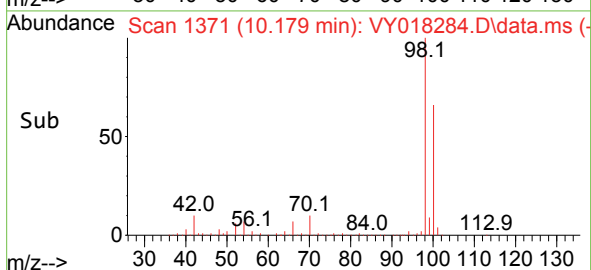
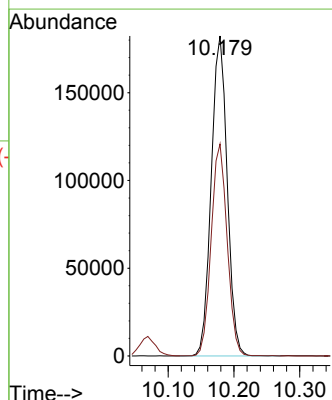
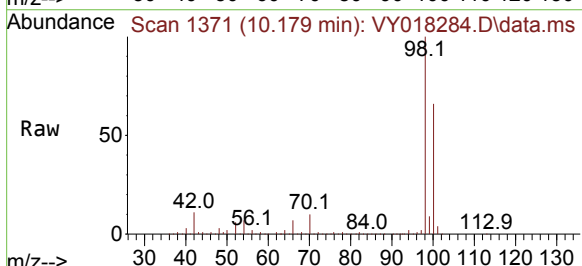
Acq: 16 May 2024 13:44

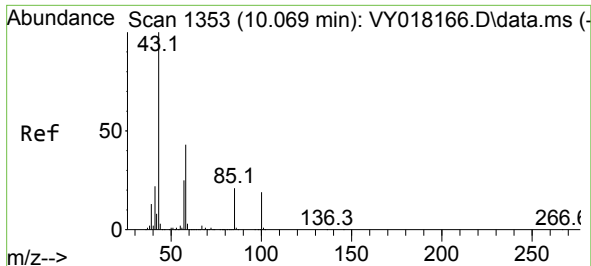
Tgt Ion: 98 Resp: 308087

Ion Ratio Lower Upper

98 100

100 66.3 52.0 78.0

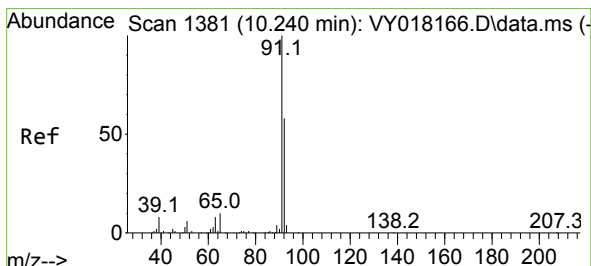
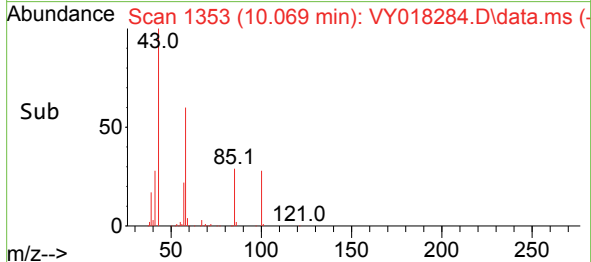
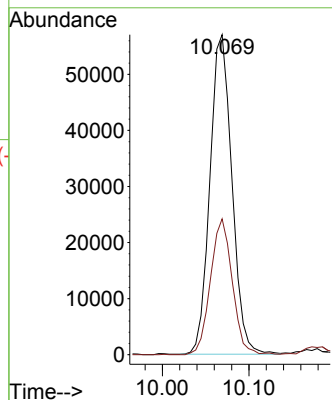
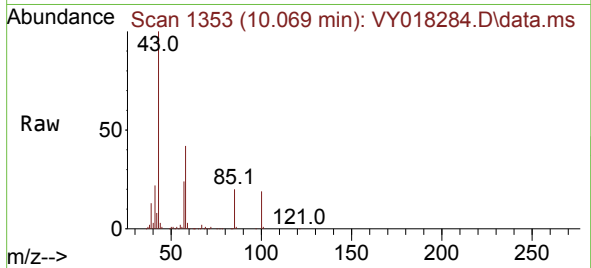




#51
4-Methyl-2-Pentanone
Concen: 105.230 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY018284.D
Acq: 16 May 2024 13:44

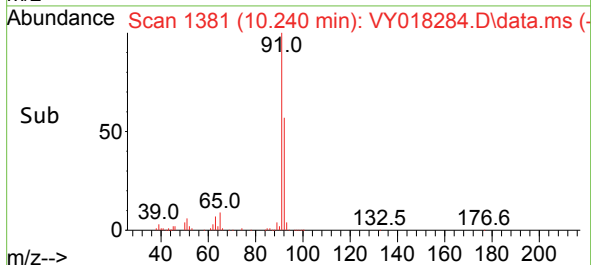
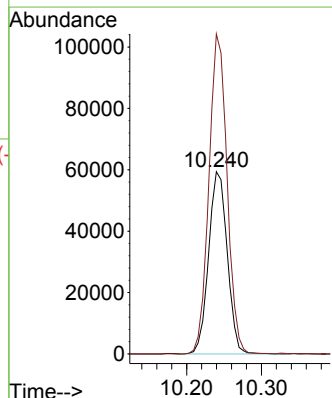
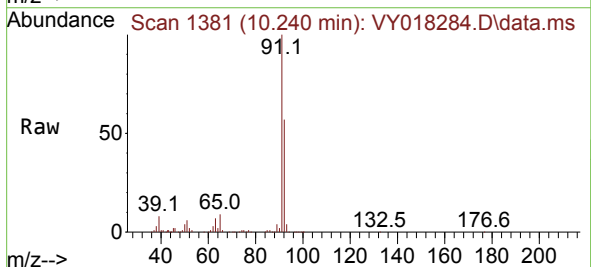
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

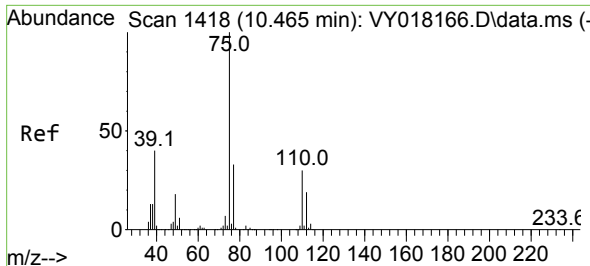
Tgt Ion: 43 Resp: 100738
Ion Ratio Lower Upper
43 100
58 42.2 35.7 53.5



#52
Toluene
Concen: 22.503 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY018284.D
Acq: 16 May 2024 13:44

Tgt Ion: 92 Resp: 102882
Ion Ratio Lower Upper
92 100
91 171.4 139.0 208.6

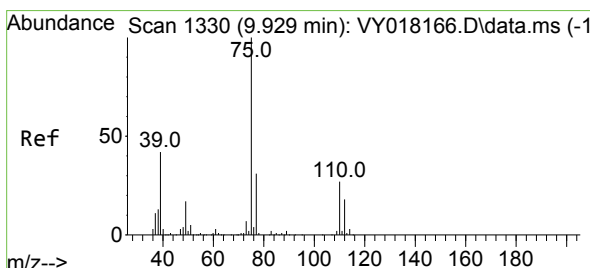
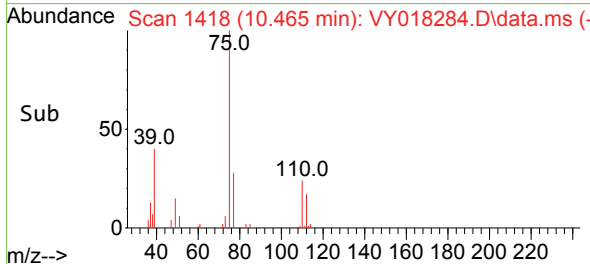
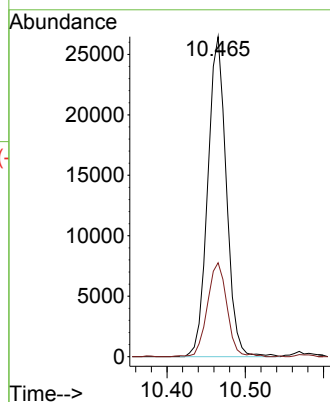
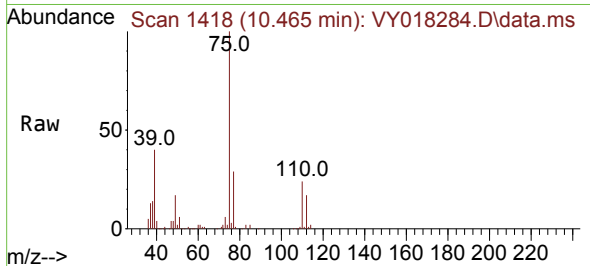




#53
t-1,3-Dichloropropene
Concen: 21.113 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY018284.D
Acq: 16 May 2024 13:44

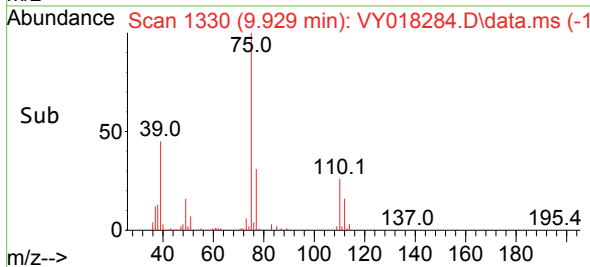
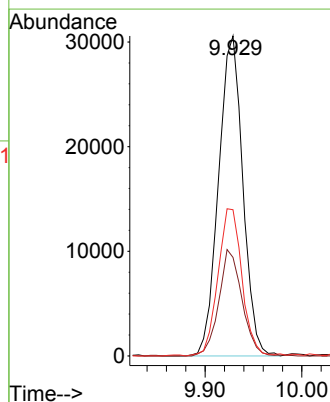
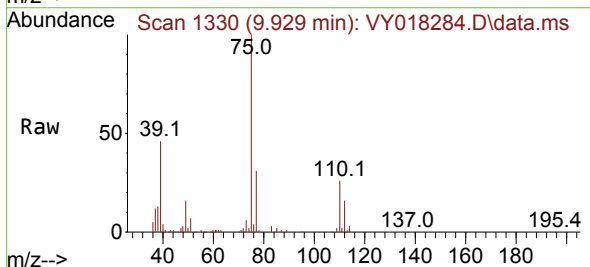
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

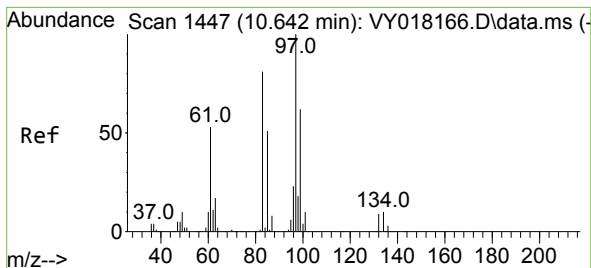
Tgt Ion: 75 Resp: 43515
Ion Ratio Lower Upper
75 100
77 29.1 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 21.127 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY018284.D
Acq: 16 May 2024 13:44

Tgt Ion: 75 Resp: 53227
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.0
39 45.4 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 21.173 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY018284.D

Acq: 16 May 2024 13:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01

Tgt Ion: 97 Resp: 25961

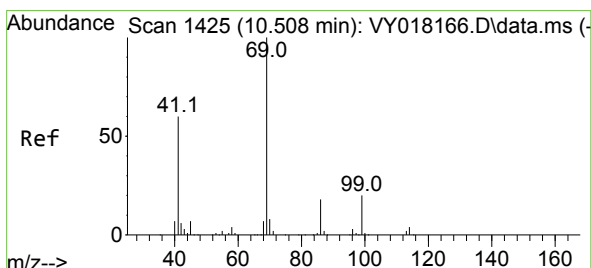
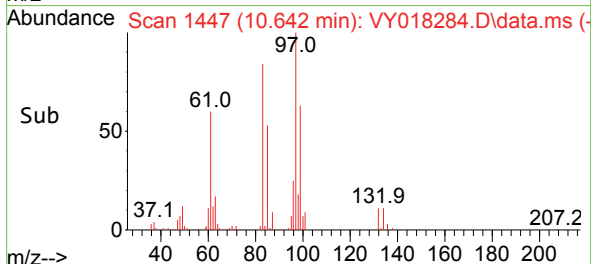
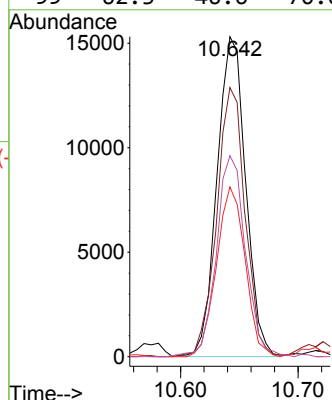
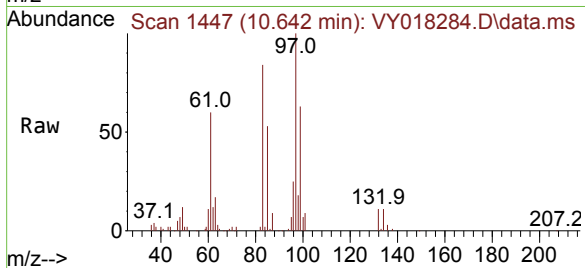
Ion Ratio Lower Upper

97 100

83 84.0 67.5 101.3

85 53.3 42.9 64.3

99 62.3 46.6 70.0



#56

Ethyl methacrylate

Concen: 20.893 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY018284.D

Acq: 16 May 2024 13:44

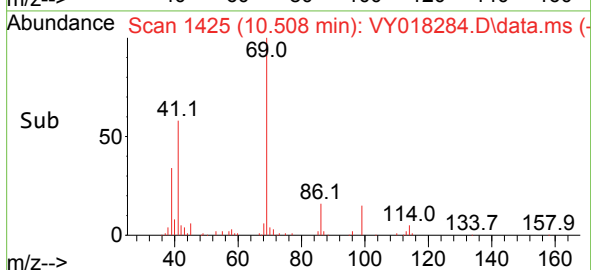
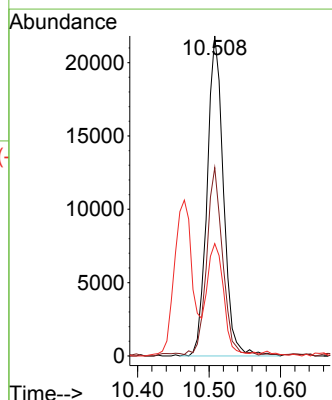
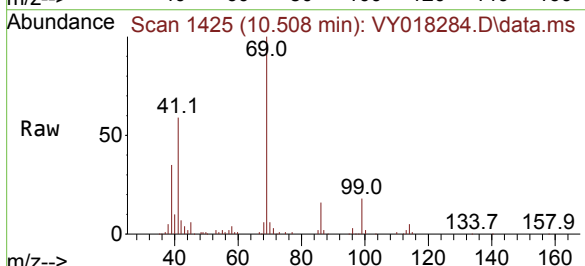
Tgt Ion: 69 Resp: 34791

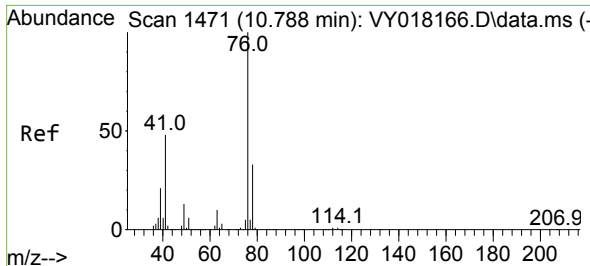
Ion Ratio Lower Upper

69 100

41 58.9 42.3 63.5

39 33.7 22.9 34.3





#57

1,3-Dichloropropane

Concen: 21.824 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY018284.D

Acq: 16 May 2024 13:44

Instrument :

MSVOA_Y

ClientSampleId :

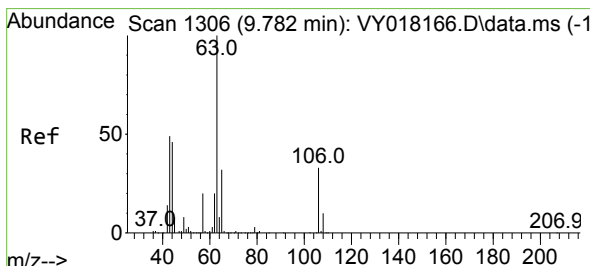
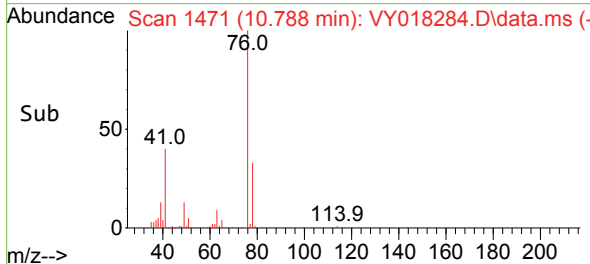
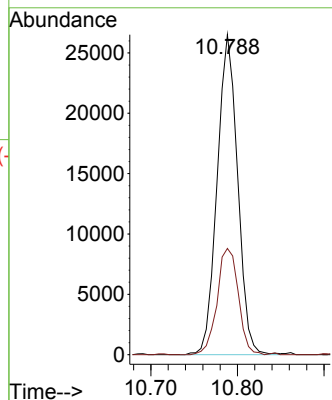
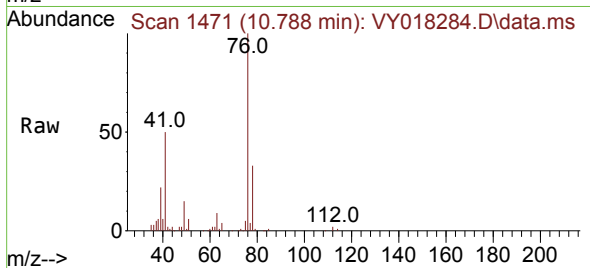
VY0516SBS01

Tgt Ion: 76 Resp: 43550

Ion Ratio Lower Upper

76 100

78 34.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 86.277 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY018284.D

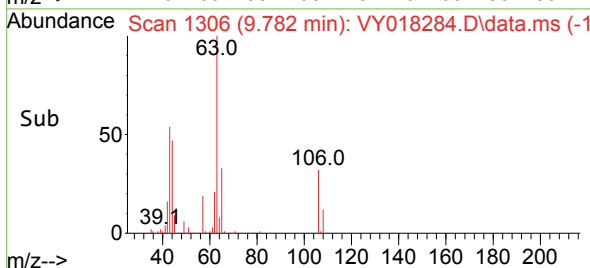
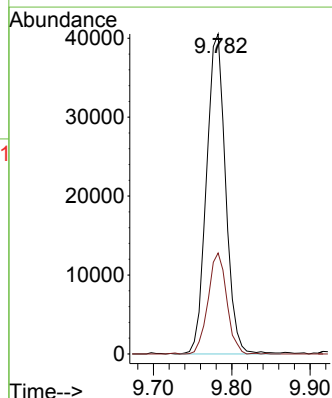
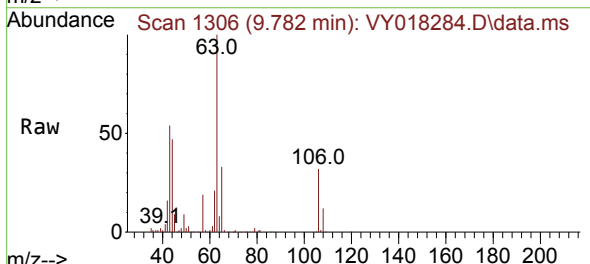
Acq: 16 May 2024 13:44

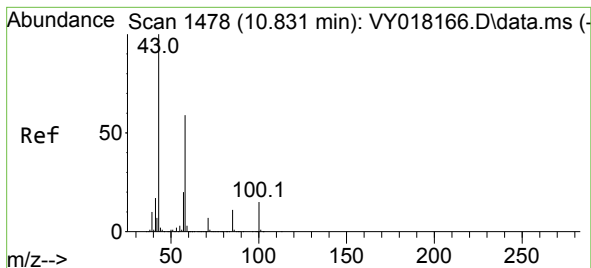
Tgt Ion: 63 Resp: 68604

Ion Ratio Lower Upper

63 100

106 30.8 23.7 35.5

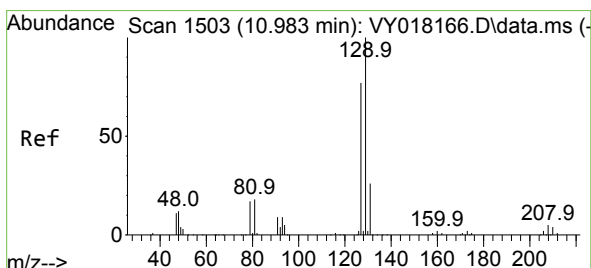
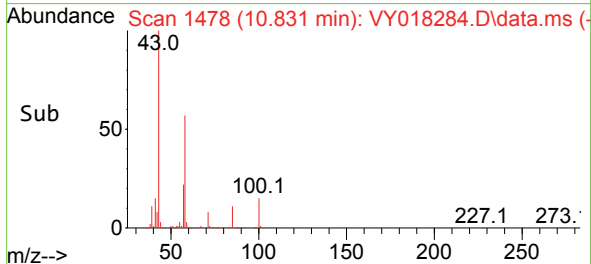
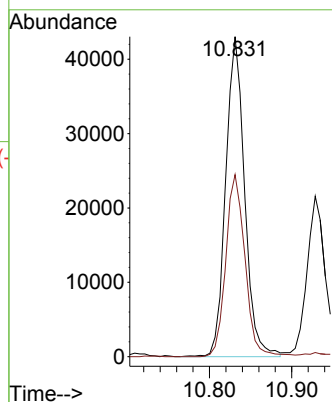
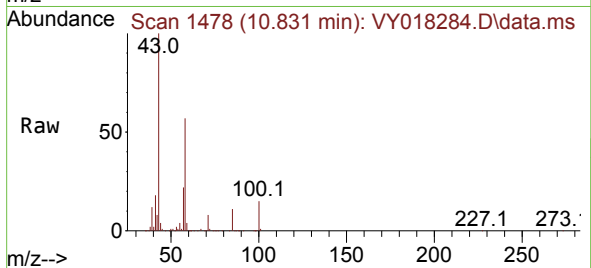




#59
2-Hexanone
Concen: 102.887 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY018284.D
Acq: 16 May 2024 13:44

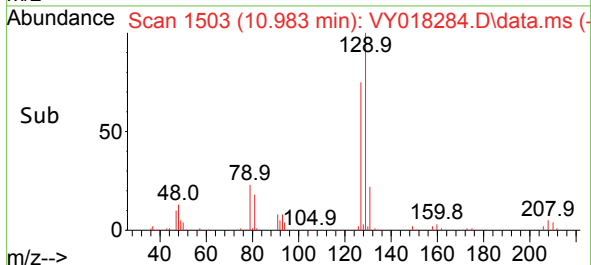
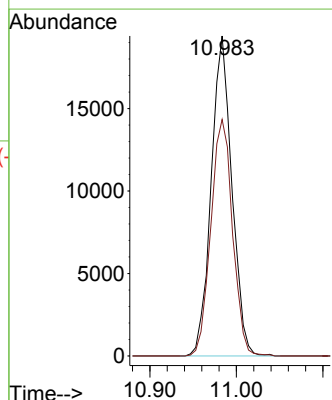
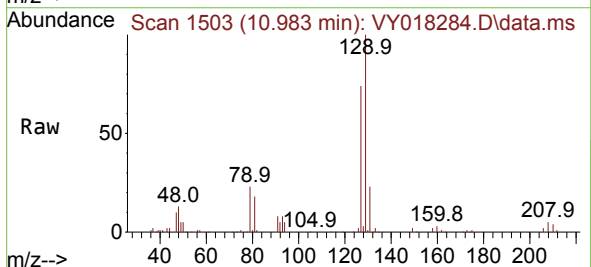
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

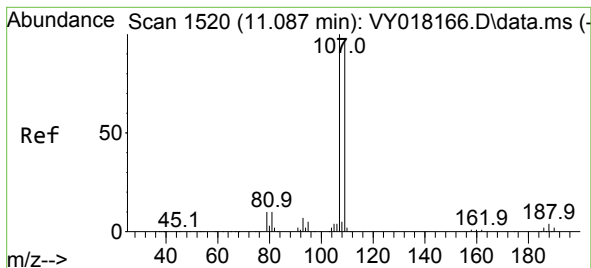
Tgt Ion: 43 Resp: 68868
Ion Ratio Lower Upper
43 100
58 58.0 31.4 94.0



#60
Dibromochloromethane
Concen: 20.223 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY018284.D
Acq: 16 May 2024 13:44

Tgt Ion: 129 Resp: 32170
Ion Ratio Lower Upper
129 100
127 77.4 39.0 117.0

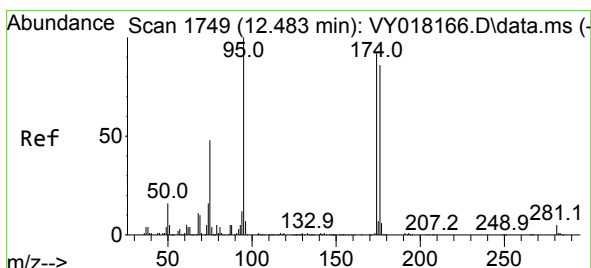
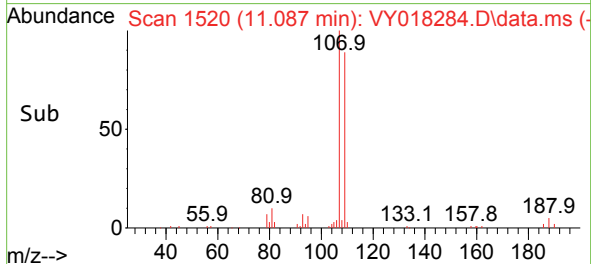
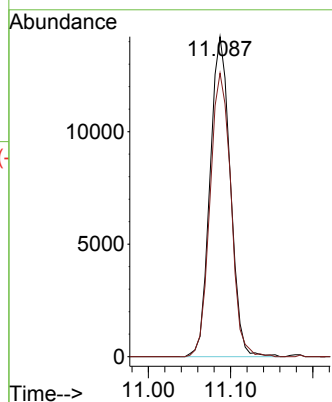
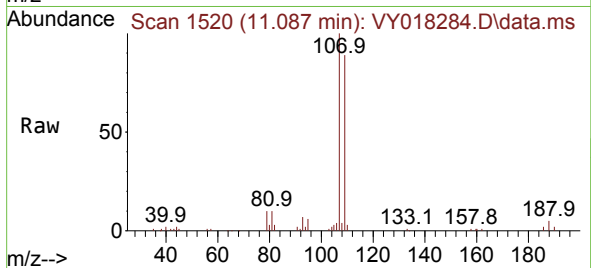




#61
1,2-Dibromoethane
Concen: 21.128 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY018284.D
Acq: 16 May 2024 13:44

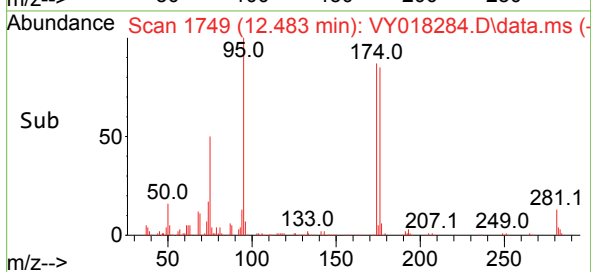
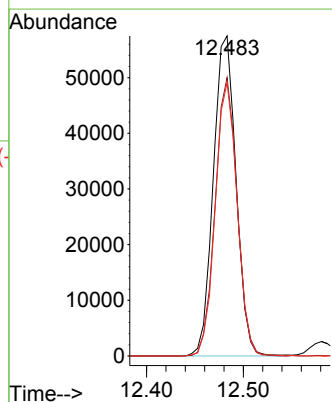
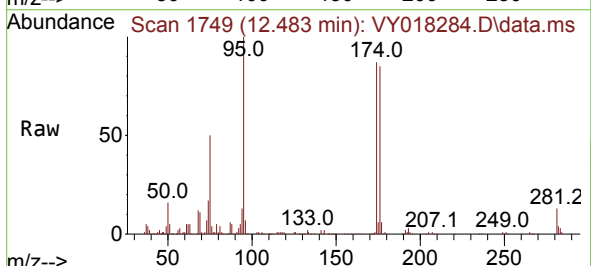
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

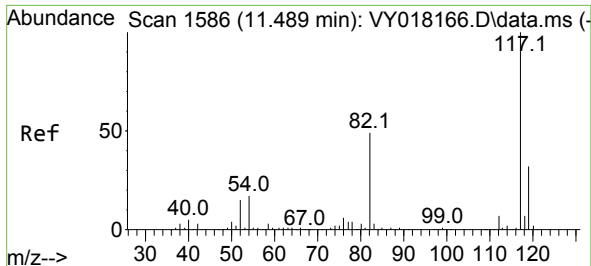
Tgt Ion:107 Resp: 24400
Ion Ratio Lower Upper
107 100
109 91.0 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 47.812 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018284.D
Acq: 16 May 2024 13:44

Tgt Ion: 95 Resp: 93705
Ion Ratio Lower Upper
95 100
174 84.0 0.0 175.6
176 82.1 0.0 171.4

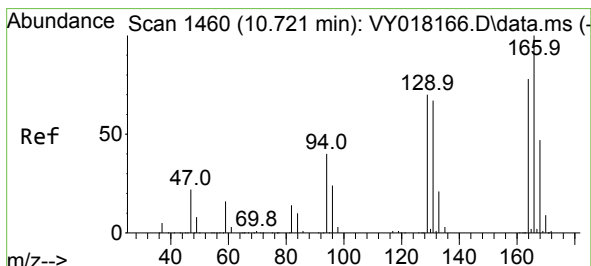
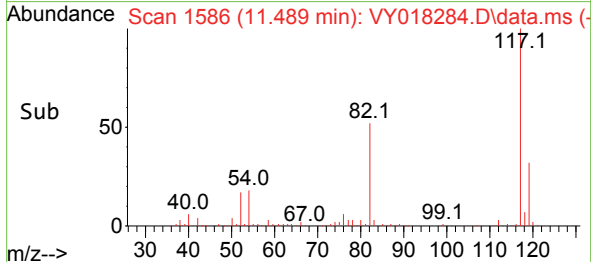
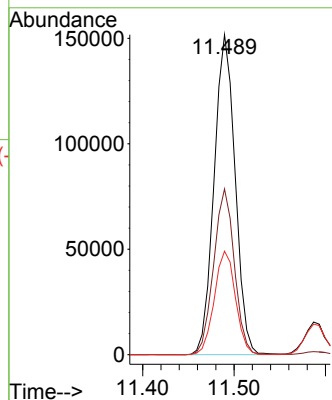
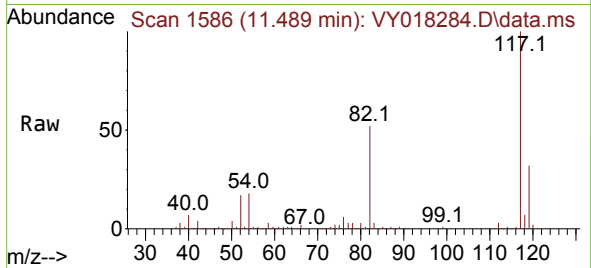




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY018284.D
Acq: 16 May 2024 13:44

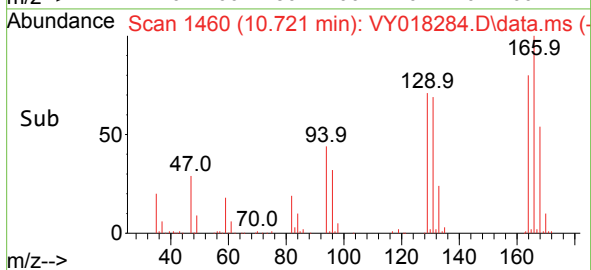
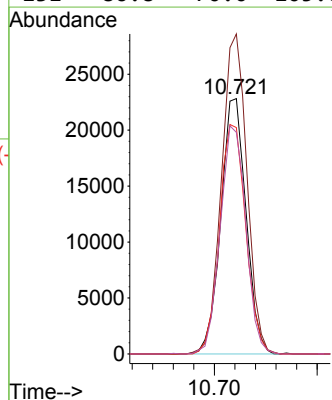
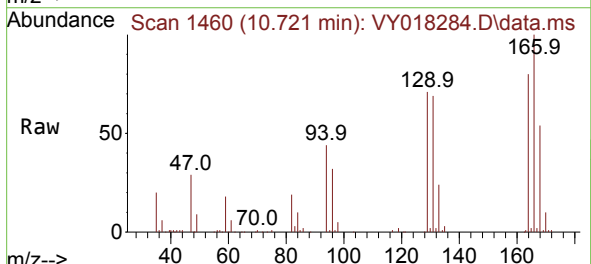
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

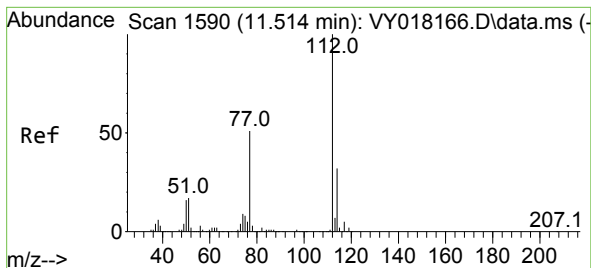
Tgt Ion:117 Resp: 242738
Ion Ratio Lower Upper
117 100
82 51.8 42.4 63.6
119 32.4 25.9 38.9



#64
Tetrachloroethene
Concen: 24.043 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY018284.D
Acq: 16 May 2024 13:44

Tgt Ion:164 Resp: 38857
Ion Ratio Lower Upper
164 100
166 125.3 102.6 154.0
129 88.6 72.0 108.0
131 86.8 70.0 105.0

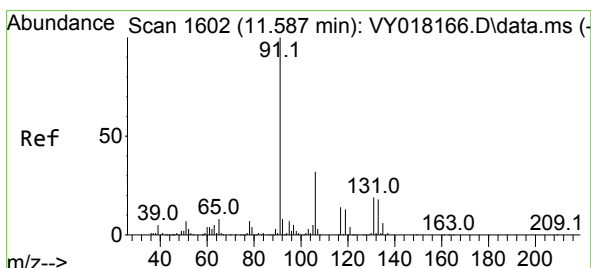
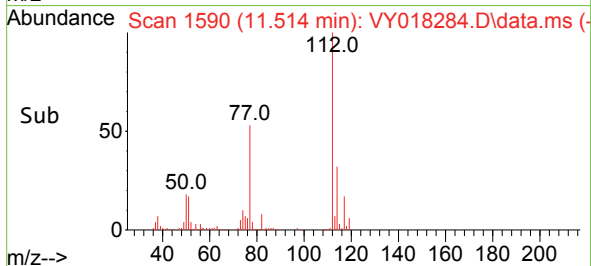
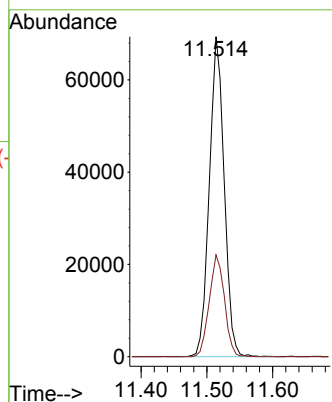
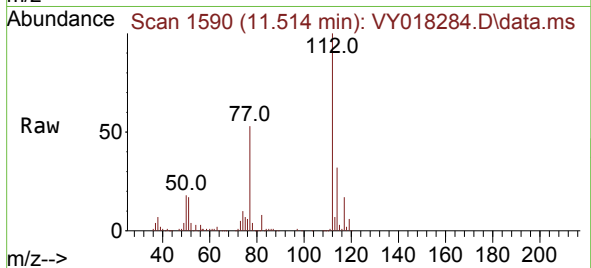




#65
Chlorobenzene
Concen: 22.069 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. 0.000 min
Lab File: VY018284.D
Acq: 16 May 2024 13:44

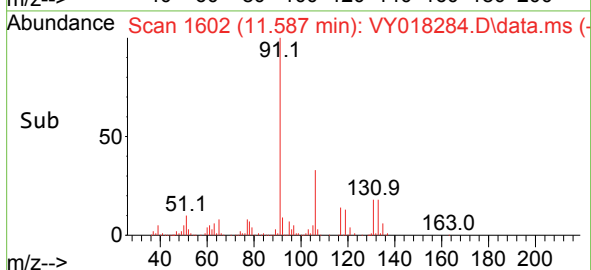
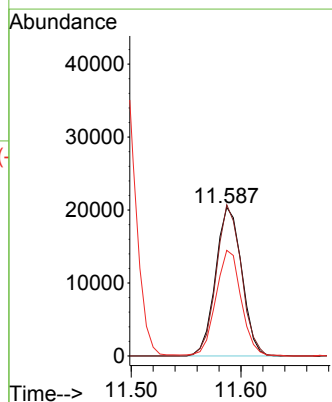
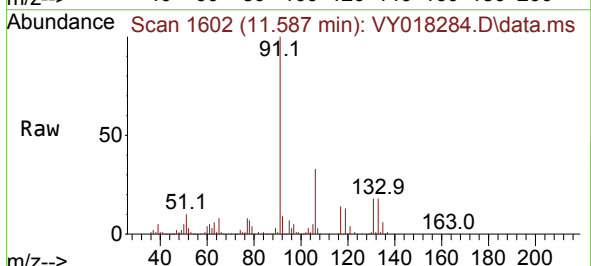
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

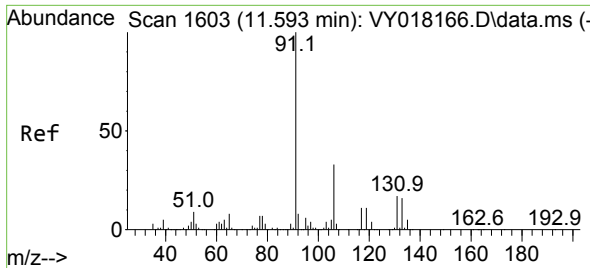
Tgt Ion:112 Resp: 109105
Ion Ratio Lower Upper
112 100
114 31.8 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.194 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY018284.D
Acq: 16 May 2024 13:44

Tgt Ion:131 Resp: 33893
Ion Ratio Lower Upper
131 100
133 97.7 47.8 143.3
119 68.8 34.1 102.2

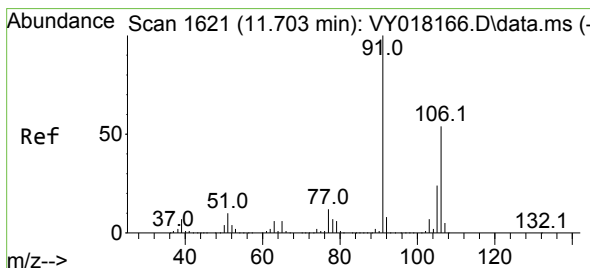
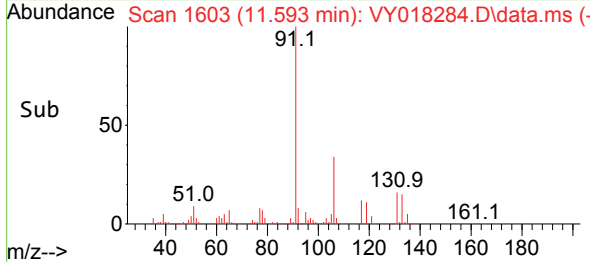
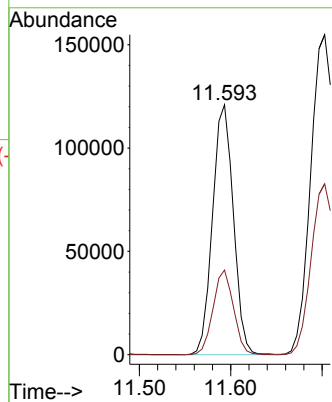
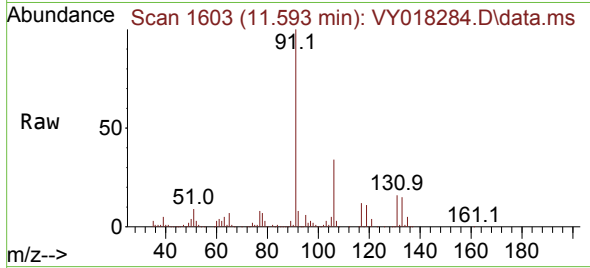




#67
Ethyl Benzene
Concen: 22.927 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY018284.D
Acq: 16 May 2024 13:44

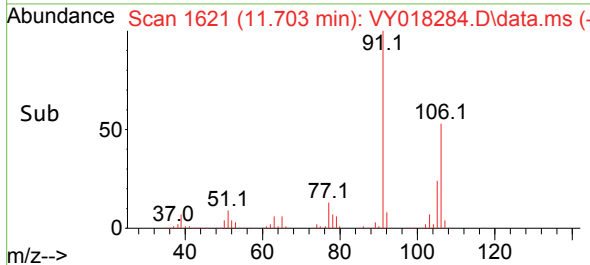
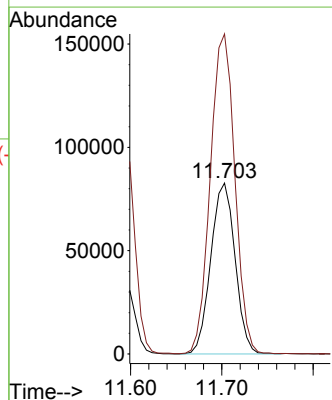
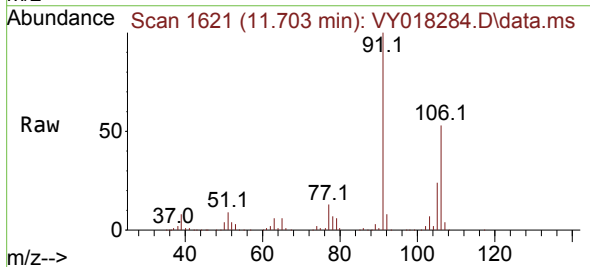
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

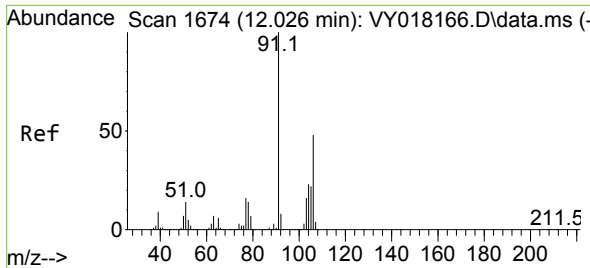
Tgt Ion: 91 Resp: 191382
Ion Ratio Lower Upper
91 100
106 33.9 24.5 36.7



#68
m/p-Xylenes
Concen: 46.206 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY018284.D
Acq: 16 May 2024 13:44

Tgt Ion: 106 Resp: 152524
Ion Ratio Lower Upper
106 100
91 189.3 156.0 234.0

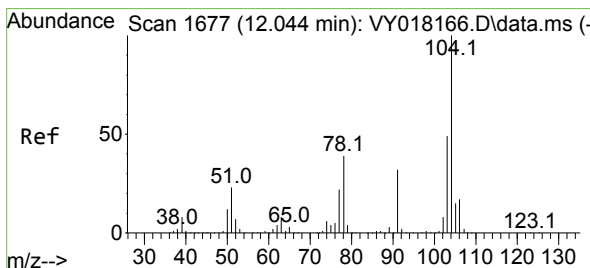
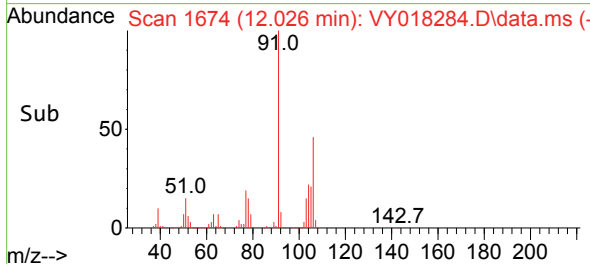
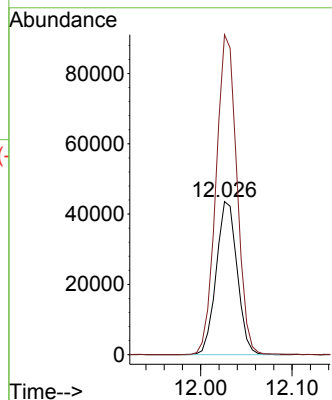
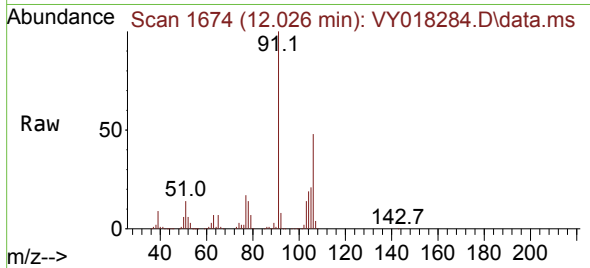




#69
o-Xylene
Concen: 21.914 ug/l
RT: 12.026 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY018284.D
Acq: 16 May 2024 13:44

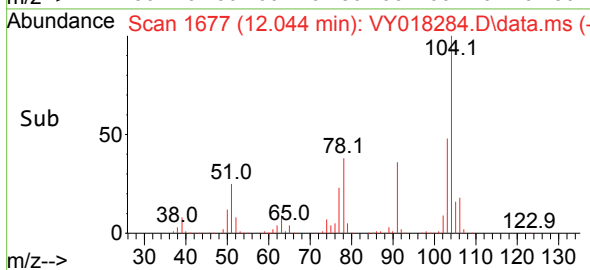
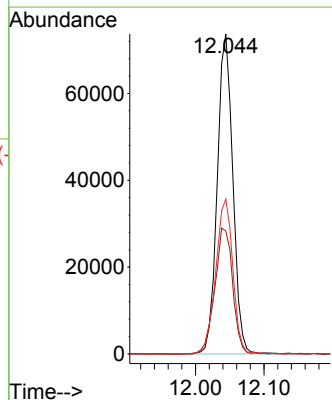
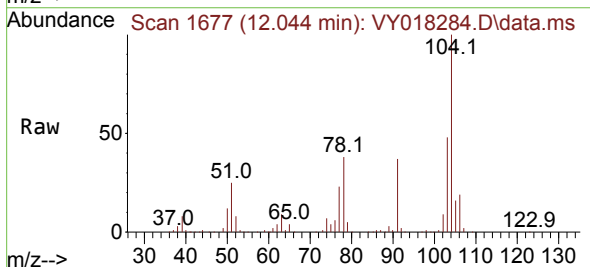
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

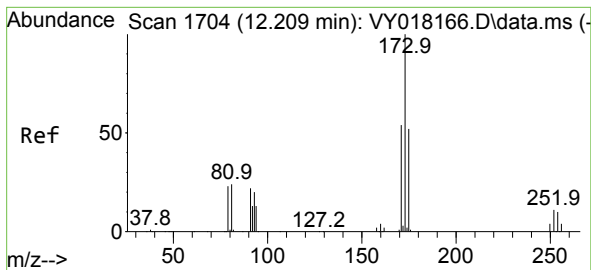
Tgt Ion:106 Resp: 69419
Ion Ratio Lower Upper
106 100
91 208.4 103.6 310.8



#70
Styrene
Concen: 21.978 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY018284.D
Acq: 16 May 2024 13:44

Tgt Ion:104 Resp: 116270
Ion Ratio Lower Upper
104 100
78 45.2 37.0 55.4
103 53.2 44.2 66.2





#71

Bromoform

Concen: 19.126 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018284.D

Acq: 16 May 2024 13:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01

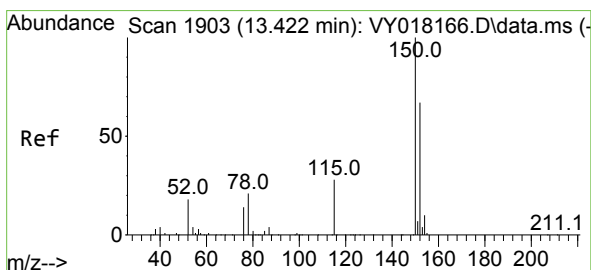
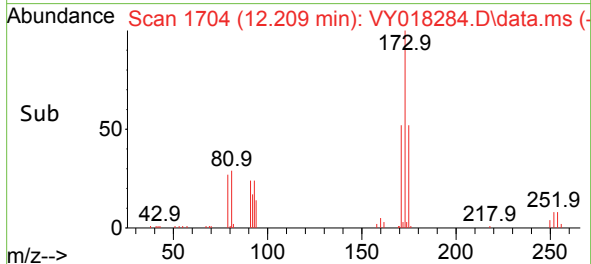
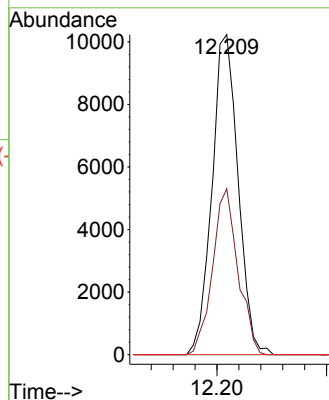
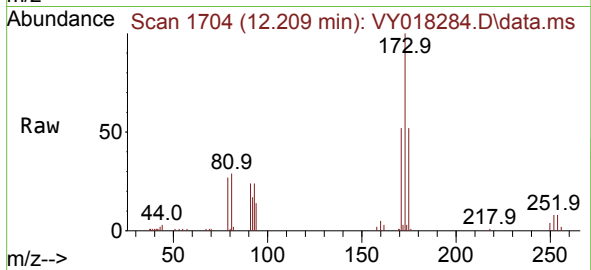
Tgt Ion:173 Resp: 16923

Ion Ratio Lower Upper

173 100

175 50.6 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY018284.D

Acq: 16 May 2024 13:44

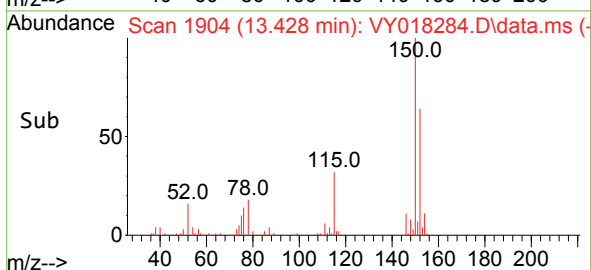
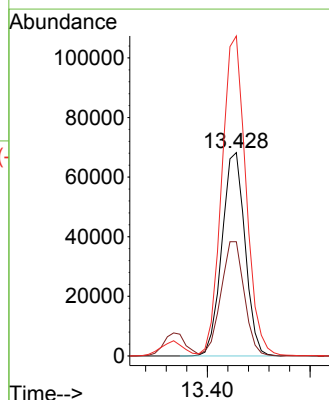
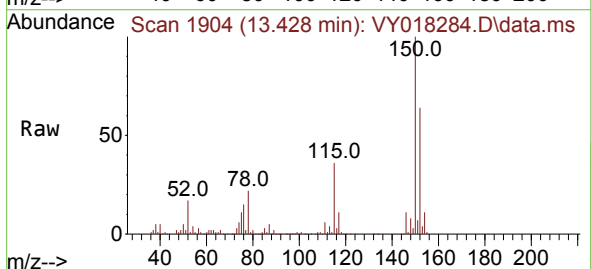
Tgt Ion:152 Resp: 106258

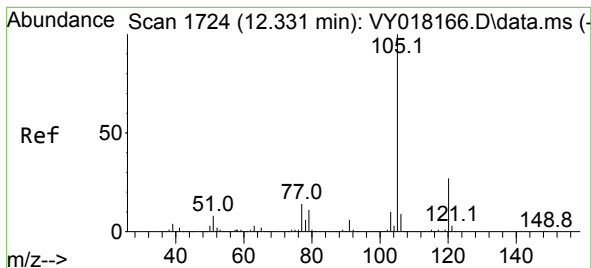
Ion Ratio Lower Upper

152 100

115 56.9 28.2 84.7

150 164.8 0.0 345.6





#73

Isopropylbenzene

Concen: 23.461 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018284.D

Acq: 16 May 2024 13:44

Instrument :

MSVOA_Y

ClientSampleId :

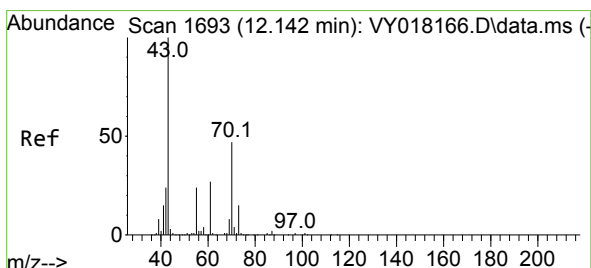
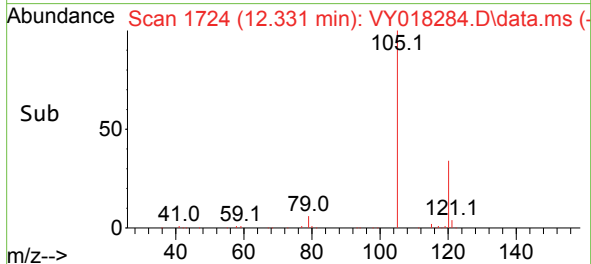
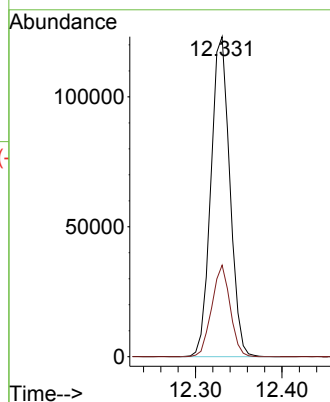
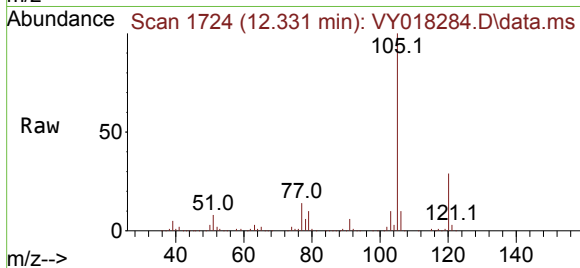
VY0516SBS01

Tgt Ion:105 Resp: 186912

Ion Ratio Lower Upper

105 100

120 27.7 13.4 40.1



#74

N-ethyl acetate

Concen: 21.622 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY018284.D

Acq: 16 May 2024 13:44

Tgt Ion: 43 Resp: 35759

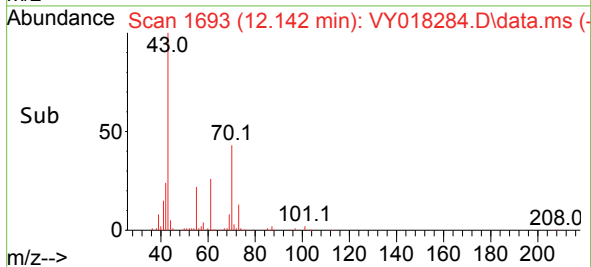
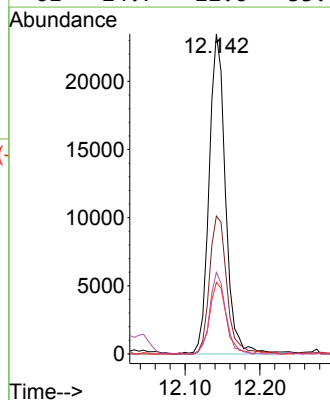
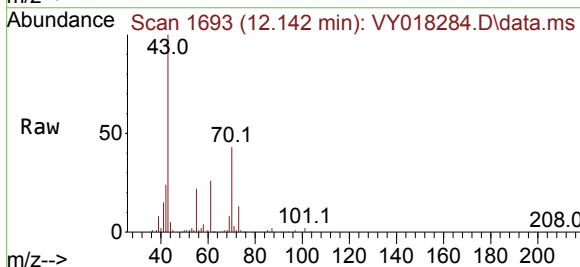
Ion Ratio Lower Upper

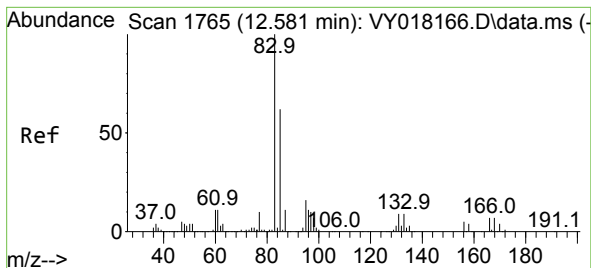
43 100

70 45.9 41.4 62.2

55 22.7 23.3 34.9#

61 24.7 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 21.421 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY018284.D

Acq: 16 May 2024 13:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01

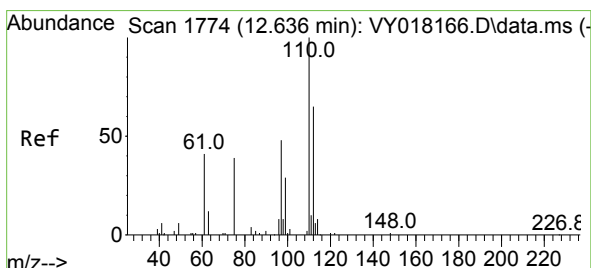
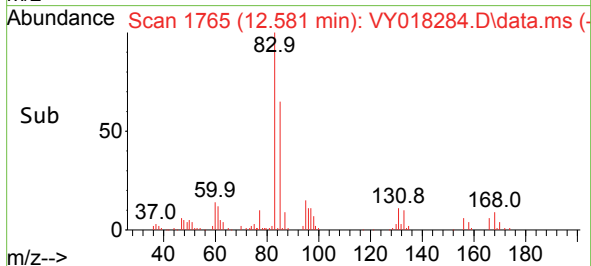
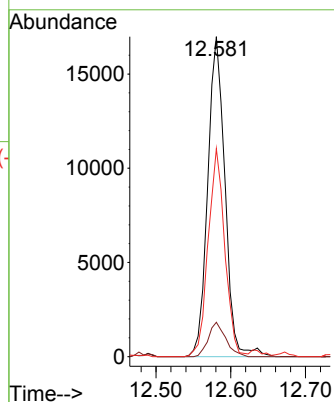
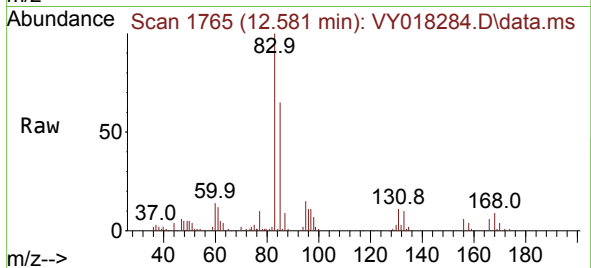
Tgt Ion: 83 Resp: 27224

Ion Ratio Lower Upper

83 100

131 10.9 5.0 14.9

85 62.7 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 39.827 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY018284.D

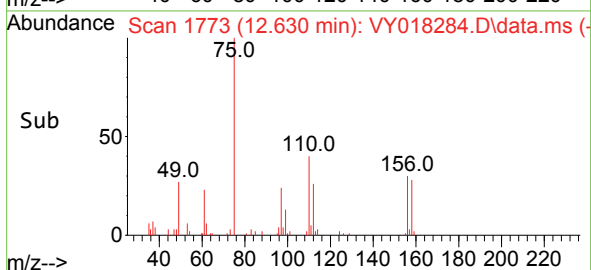
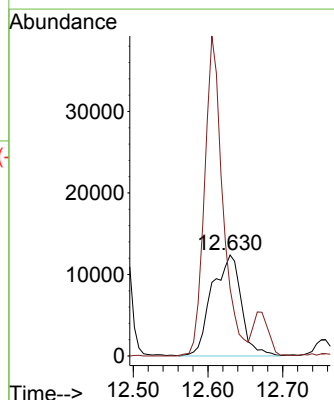
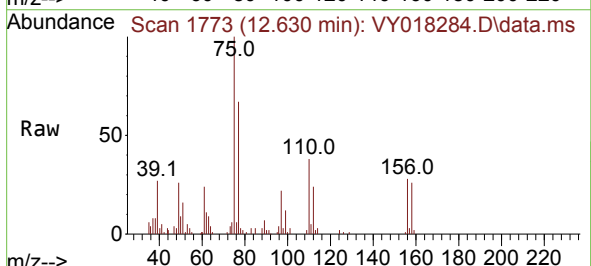
Acq: 16 May 2024 13:44

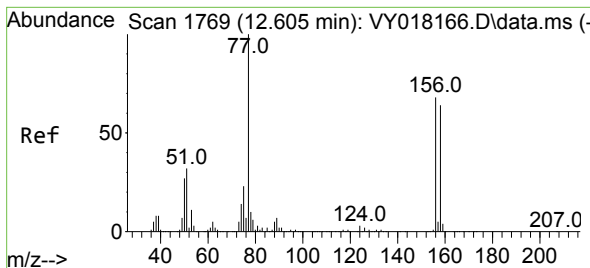
Tgt Ion: 75 Resp: 33874

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 22.076 ug/l

RT: 12.611 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018284.D

Acq: 16 May 2024 13:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01

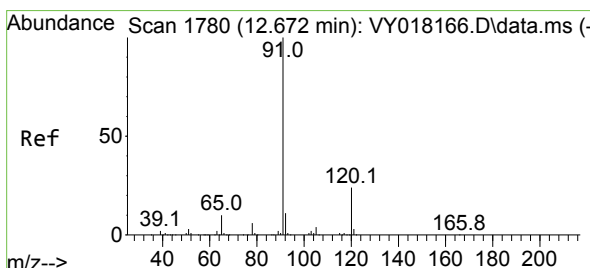
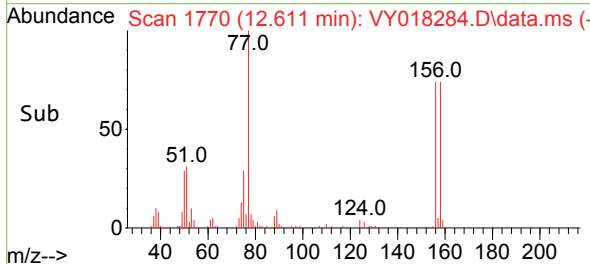
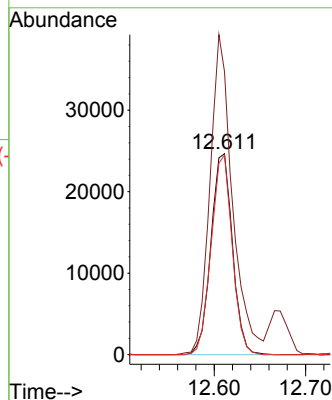
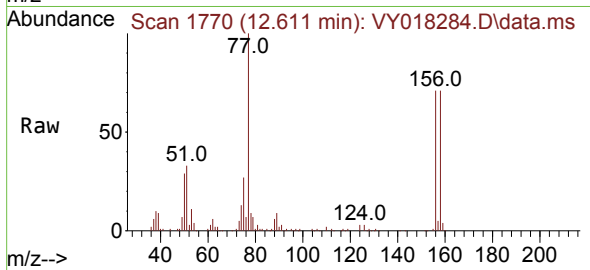
Tgt Ion:156 Resp: 40404

Ion Ratio Lower Upper

156 100

77 166.2 87.1 261.3

158 96.8 48.6 145.9



#78

n-propylbenzene

Concen: 23.691 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY018284.D

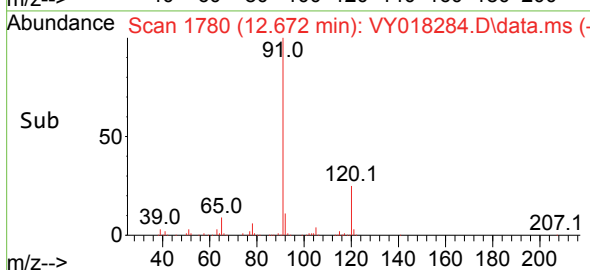
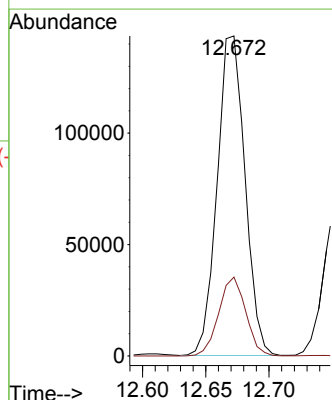
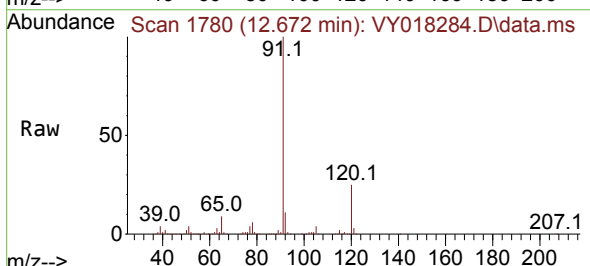
Acq: 16 May 2024 13:44

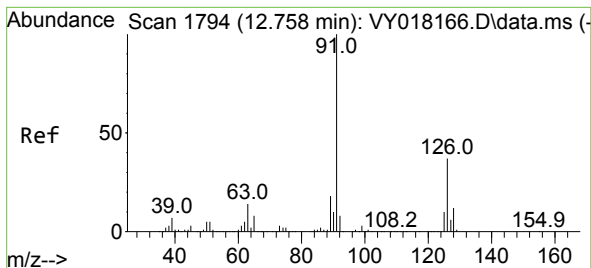
Tgt Ion: 91 Resp: 219532

Ion Ratio Lower Upper

91 100

120 23.9 11.5 34.4

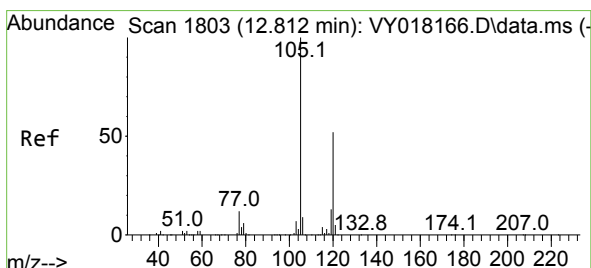
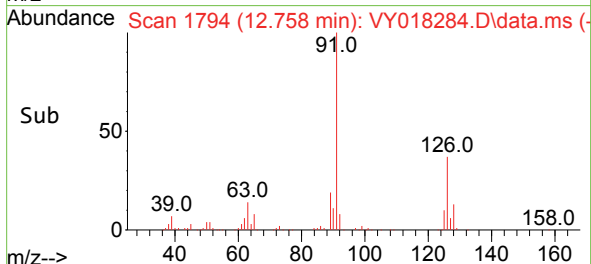
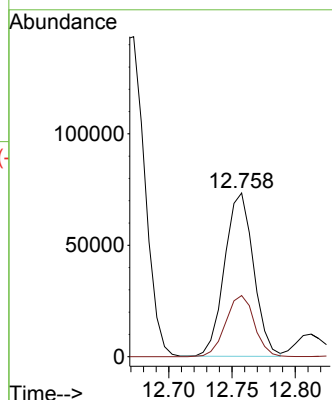
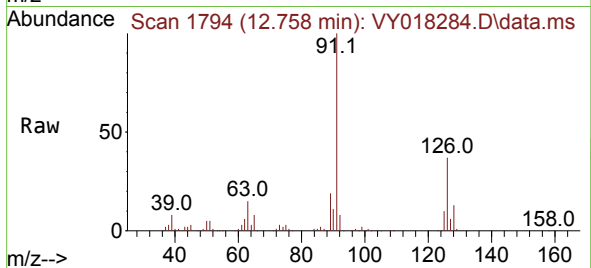




#79
2-Chlorotoluene
Concen: 22.665 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018284.D
Acq: 16 May 2024 13:44

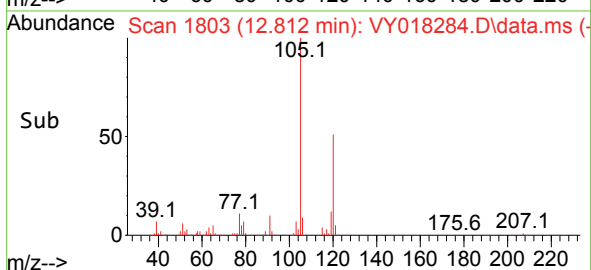
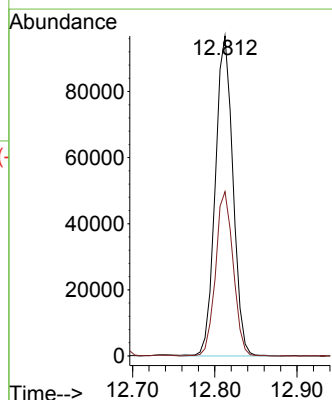
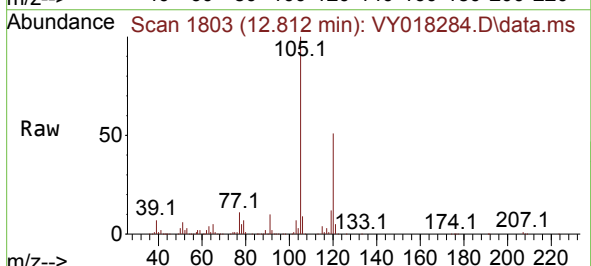
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

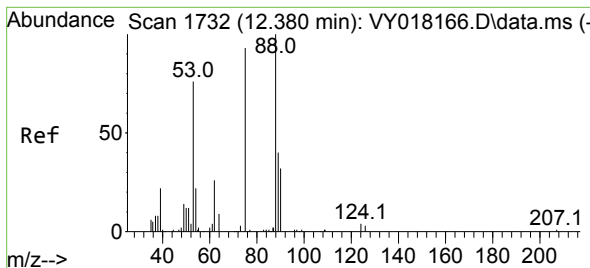
Tgt Ion: 91 Resp: 116708
Ion Ratio Lower Upper
91 100
126 37.2 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 22.972 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY018284.D
Acq: 16 May 2024 13:44

Tgt Ion:105 Resp: 144311
Ion Ratio Lower Upper
105 100
120 51.2 25.1 75.2

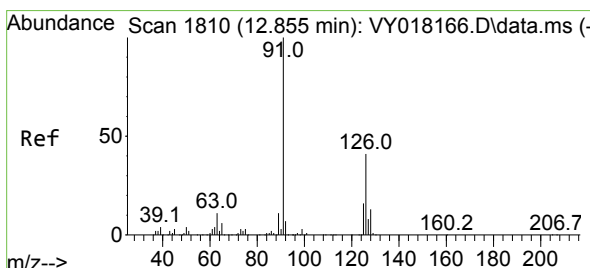
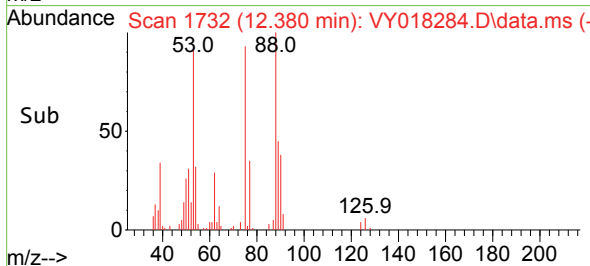
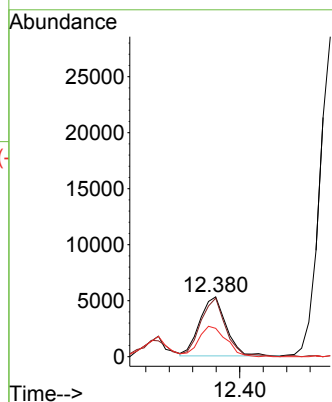
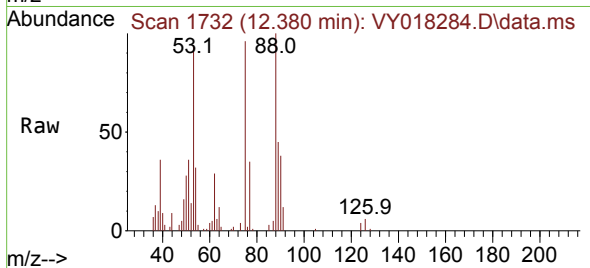




#81
trans-1,4-Dichloro-2-butene
Concen: 18.720 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY018284.D
Acq: 16 May 2024 13:44

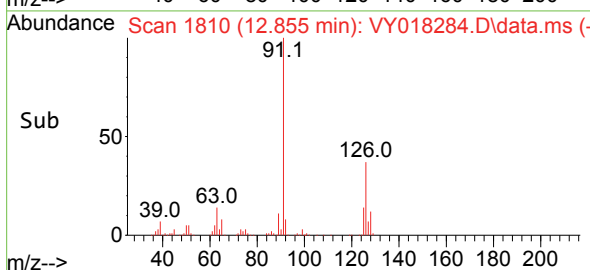
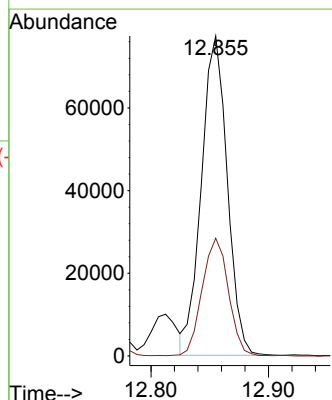
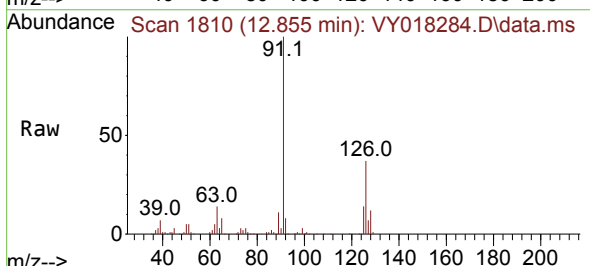
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

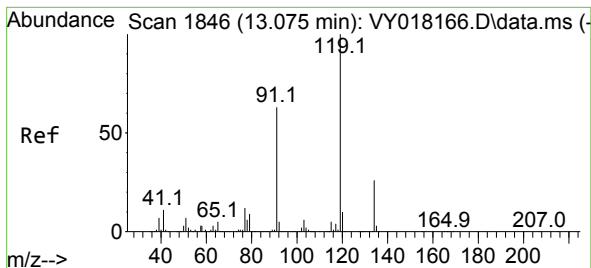
Tgt Ion: 75 Resp: 8264
Ion Ratio Lower Upper
75 100
53 94.2 66.8 100.2
89 53.5 35.8 53.6



#82
4-Chlorotoluene
Concen: 22.834 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY018284.D
Acq: 16 May 2024 13:44

Tgt Ion: 91 Resp: 118105
Ion Ratio Lower Upper
91 100
126 37.5 17.6 52.9





#83

tert-Butylbenzene

Concen: 23.248 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY018284.D

Acq: 16 May 2024 13:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01

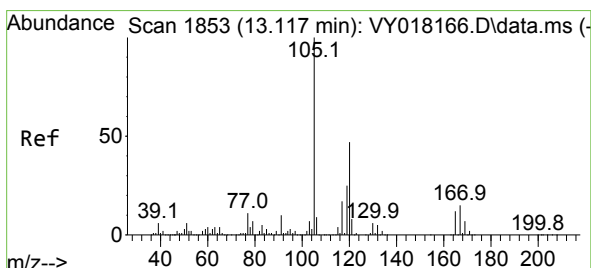
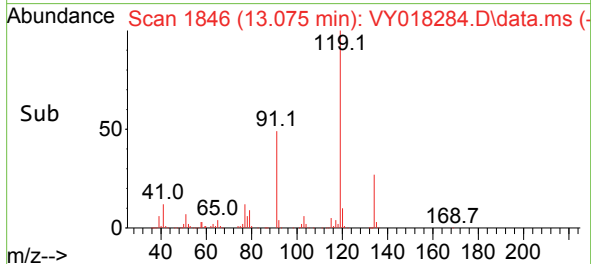
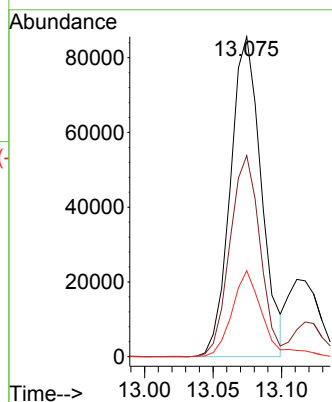
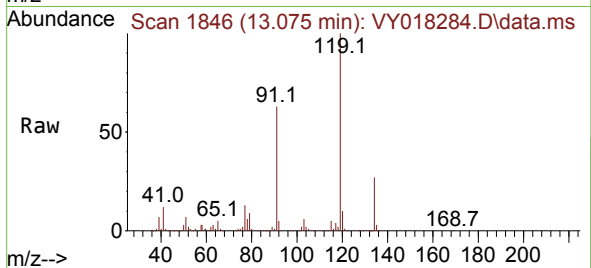
Tgt Ion:119 Resp: 134712

Ion Ratio Lower Upper

119 100

91 61.2 31.3 93.8

134 26.7 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 23.086 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY018284.D

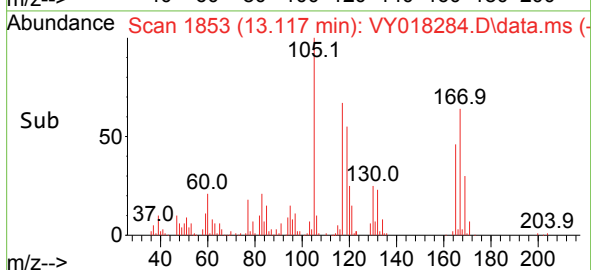
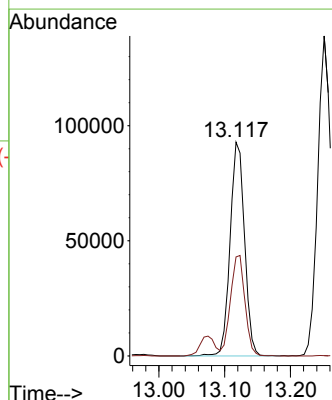
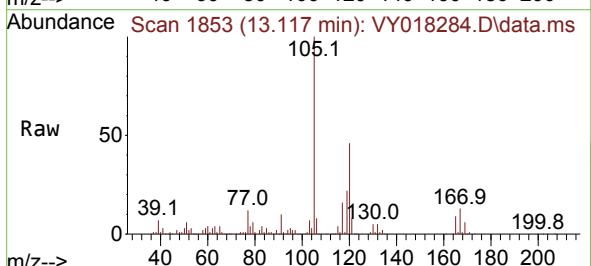
Acq: 16 May 2024 13:44

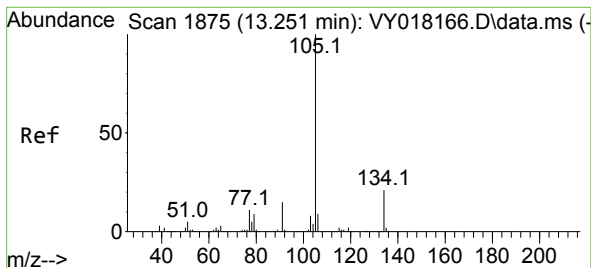
Tgt Ion:105 Resp: 142066

Ion Ratio Lower Upper

105 100

120 47.0 23.2 69.6





#85

sec-Butylbenzene

Concen: 23.570 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018284.D

Acq: 16 May 2024 13:44

Instrument :

MSVOA_Y

ClientSampleId :

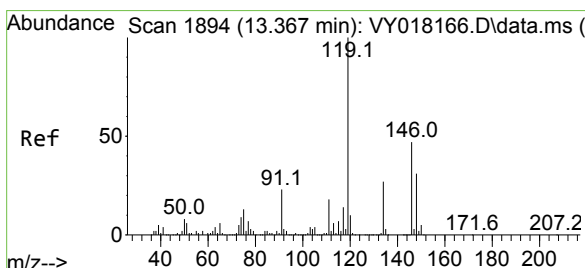
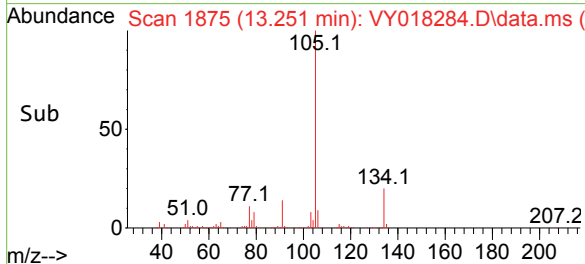
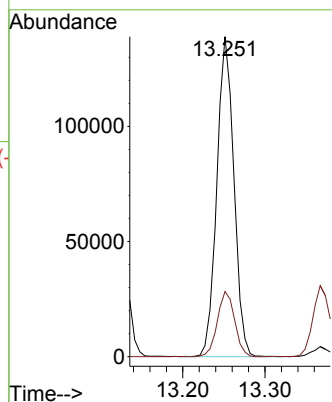
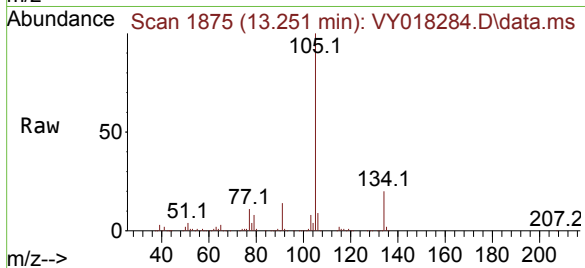
VY0516SBS01

Tgt Ion:105 Resp: 200330

Ion Ratio Lower Upper

105 100

134 20.7 10.1 30.1



#86

p-Isopropyltoluene

Concen: 22.699 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018284.D

Acq: 16 May 2024 13:44

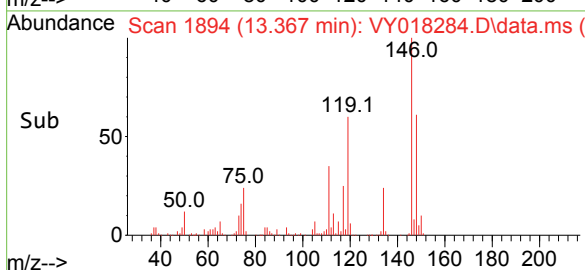
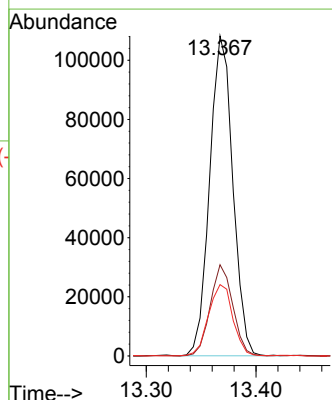
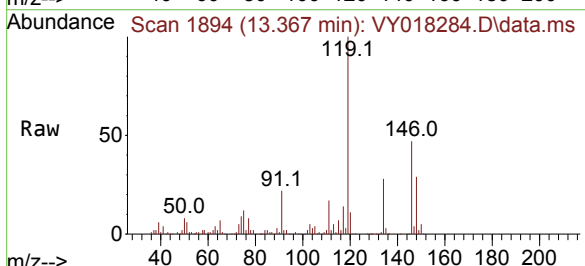
Tgt Ion:119 Resp: 158713

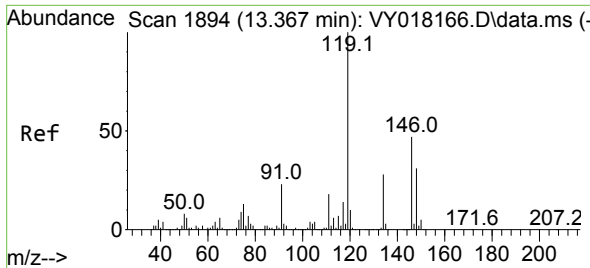
Ion Ratio Lower Upper

119 100

134 27.8 13.1 39.3

91 23.4 10.7 32.1

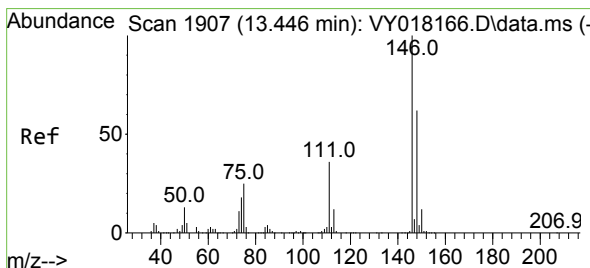
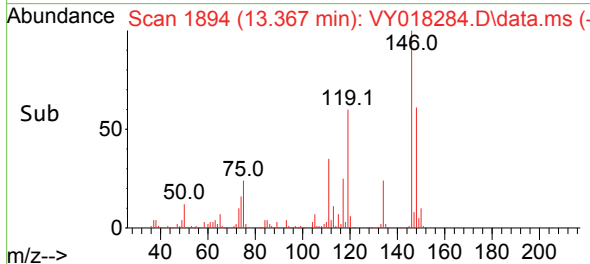
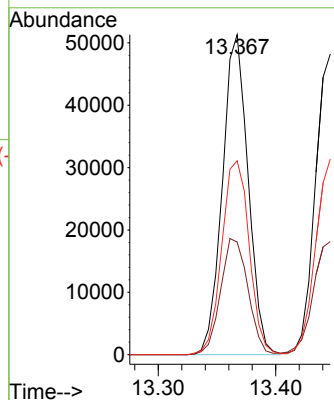
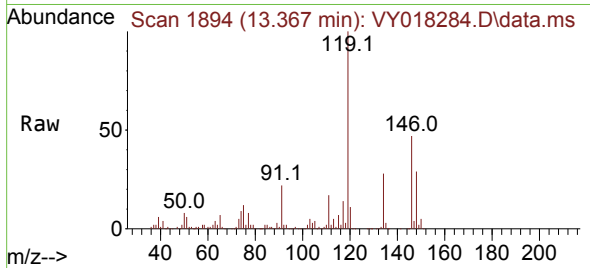




#87
 1,3-Dichlorobenzene
 Concen: 22.067 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY018284.D
 Acq: 16 May 2024 13:44

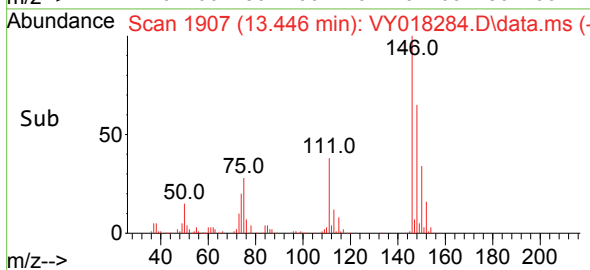
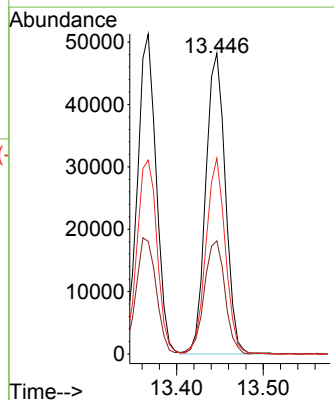
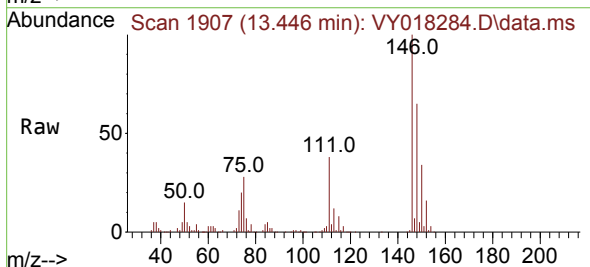
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0516SBS01

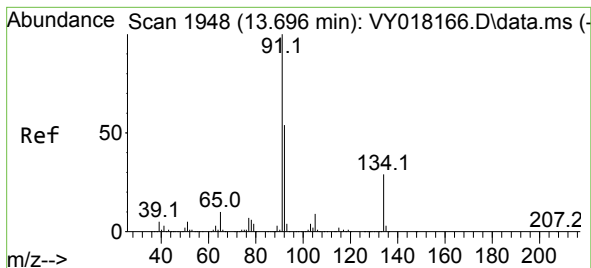
Tgt Ion:146 Resp: 77998
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.0 57.0
 148 64.8 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 22.026 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY018284.D
 Acq: 16 May 2024 13:44

Tgt Ion:146 Resp: 75894
 Ion Ratio Lower Upper
 146 100
 111 39.9 18.4 55.4
 148 64.3 32.4 97.2





#89

n-Butylbenzene

Concen: 23.547 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY018284.D

Acq: 16 May 2024 13:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01

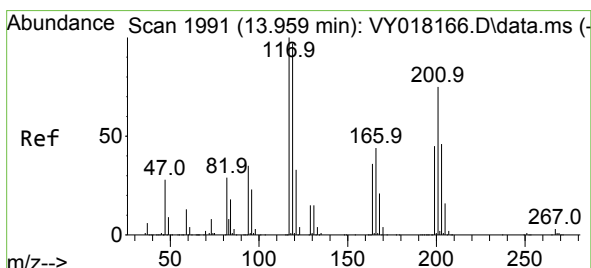
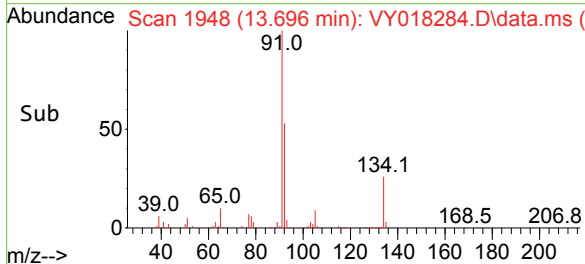
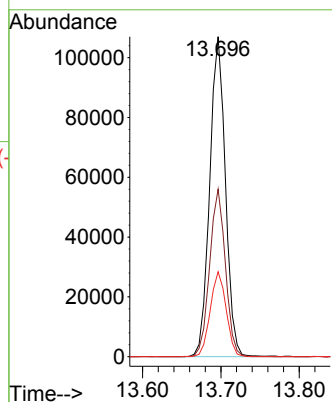
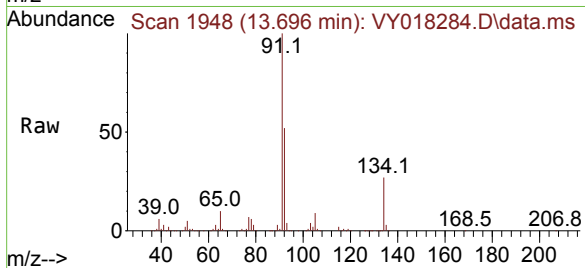
Tgt Ion: 91 Resp: 149003

Ion Ratio Lower Upper

91 100

92 52.6 26.6 79.7

134 26.8 12.9 38.7



#90

Hexachloroethane

Concen: 21.895 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY018284.D

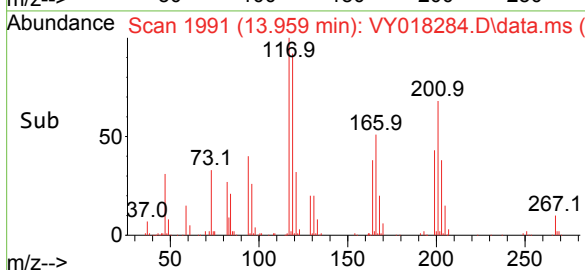
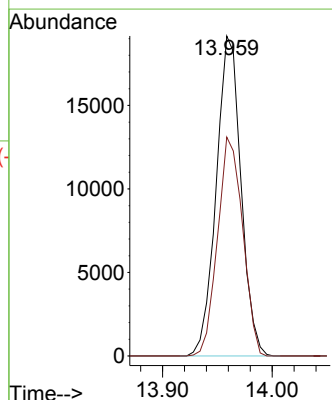
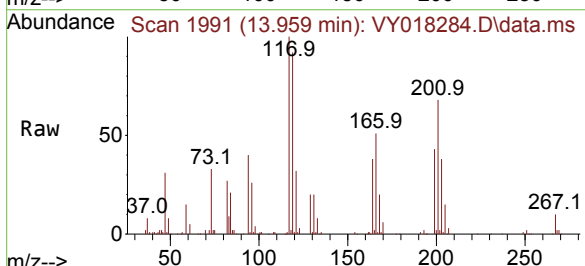
Acq: 16 May 2024 13:44

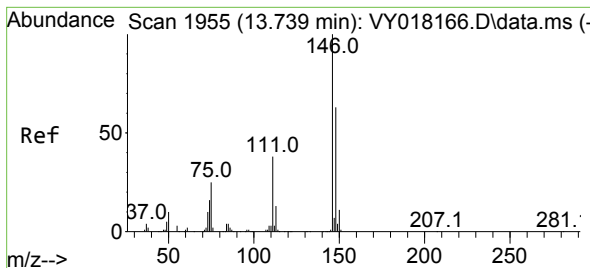
Tgt Ion: 117 Resp: 30035

Ion Ratio Lower Upper

117 100

201 69.3 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 21.557 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY018284.D

Acq: 16 May 2024 13:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01

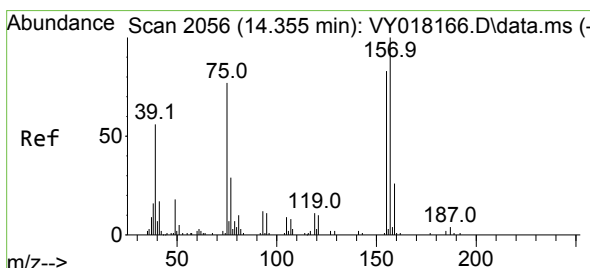
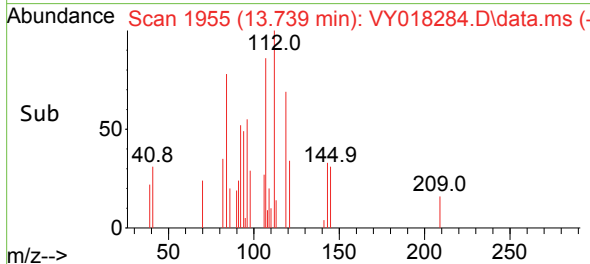
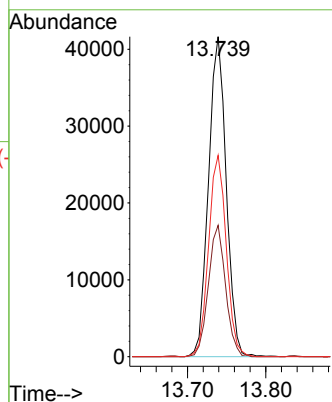
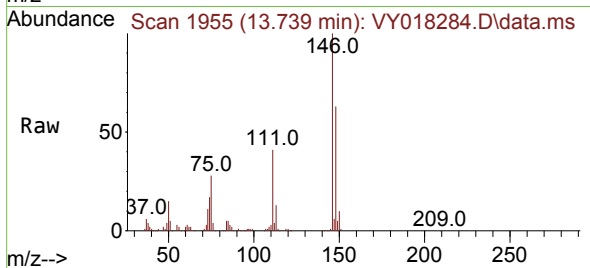
Tgt Ion:146 Resp: 65489

Ion Ratio Lower Upper

146 100

111 39.8 19.9 59.7

148 62.7 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.405 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY018284.D

Acq: 16 May 2024 13:44

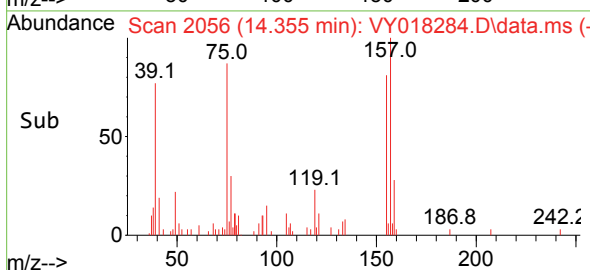
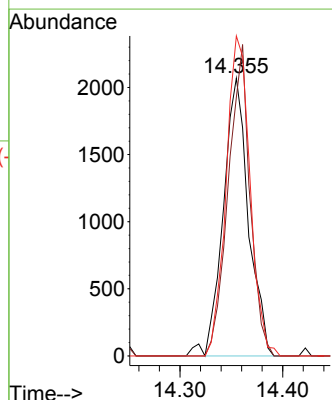
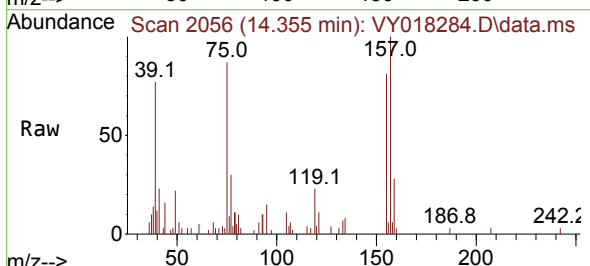
Tgt Ion: 75 Resp: 3531

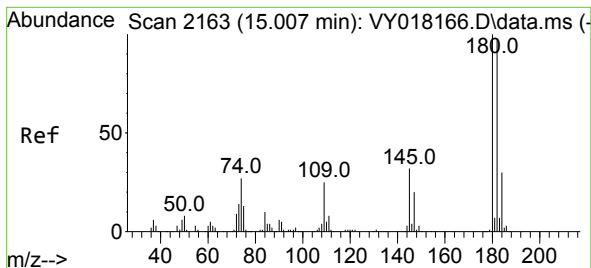
Ion Ratio Lower Upper

75 100

155 96.5 48.6 145.8

157 109.0 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 19.930 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY018284.D

Acq: 16 May 2024 13:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01

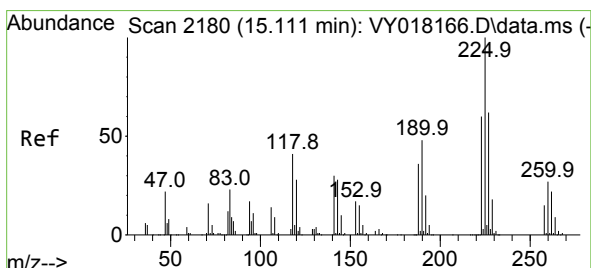
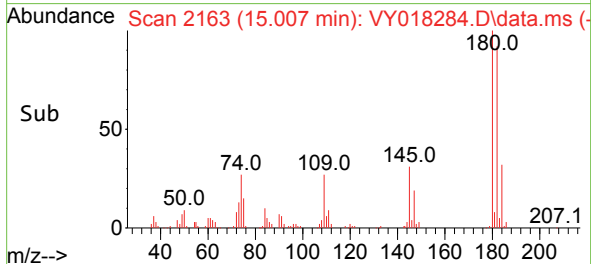
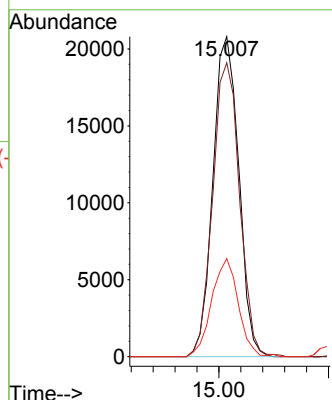
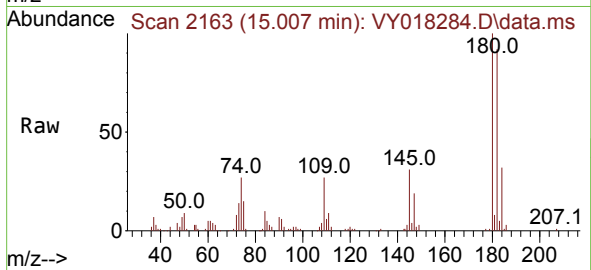
Tgt Ion:180 Resp: 34038

Ion Ratio Lower Upper

180 100

182 95.6 47.9 143.8

145 31.6 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.946 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY018284.D

Acq: 16 May 2024 13:44

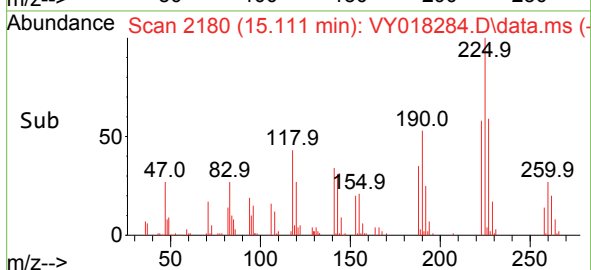
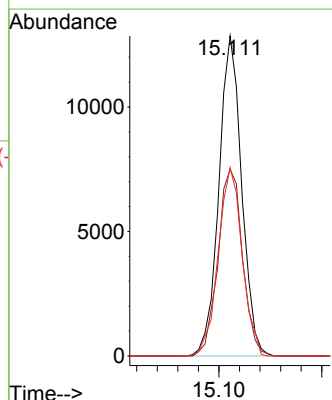
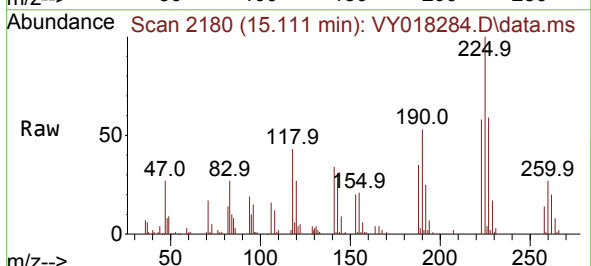
Tgt Ion:225 Resp: 19738

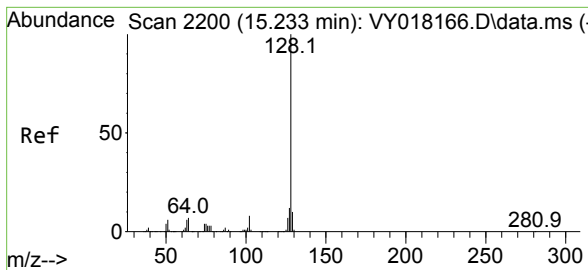
Ion Ratio Lower Upper

225 100

223 62.6 30.4 91.2

227 61.8 31.9 95.9

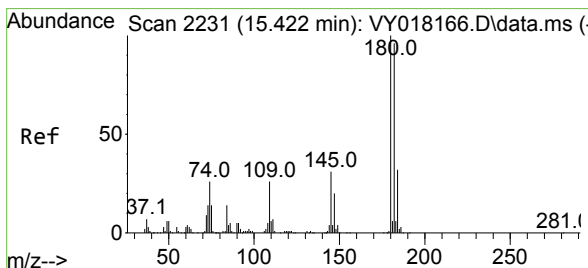
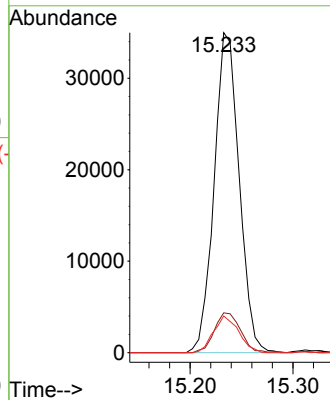
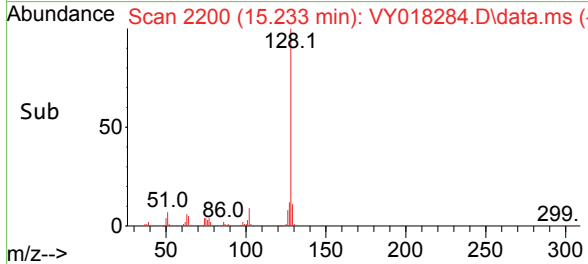
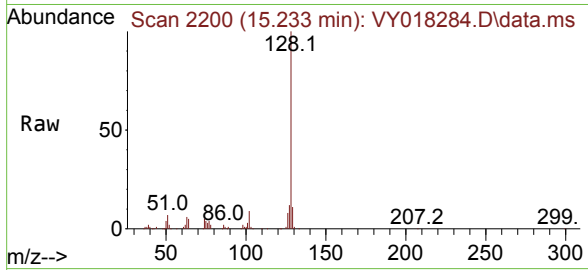




#95
Naphthalene
Concen: 18.872 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY018284.D
Acq: 16 May 2024 13:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	16.0
129	11.5	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.305 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY018284.D
Acq: 16 May 2024 13:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.6	142.9
145	35.7	15.4	46.1

