

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022824\
 Data File : VY017513.D
 Acq On : 28 Feb 2024 11:45
 Operator : SY/MD
 Sample : VY0228SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0228SBS01

Quant Time: Feb 28 23:10:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	148737	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	233852	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	205464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	96577	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	60054	42.603	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.200%
35) Dibromofluoromethane	7.716	113	70113	43.026	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.060%
50) Toluene-d8	10.179	98	263410	46.232	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.460%
62) 4-Bromofluorobenzene	12.483	95	80228	44.806	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.620%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	23709	21.609	ug/l	95
3) Chloromethane	2.107	50	41033	20.469	ug/l	97
4) Vinyl Chloride	2.247	62	53093	20.644	ug/l	97
5) Bromomethane	2.644	94	45037	21.489	ug/l	95
6) Chloroethane	2.784	64	33417	20.597	ug/l	100
7) Trichlorofluoromethane	3.113	101	54779	20.899	ug/l	96
8) Diethyl Ether	3.521	74	16322	21.231	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.893	101	33286	22.078	ug/l	97
10) Methyl Iodide	4.082	142	34950	20.656	ug/l	98
11) Tert butyl alcohol	4.942	59	10416	86.989	ug/l	99
12) 1,1-Dichloroethene	3.863	96	30451	21.672	ug/l	95
13) Acrolein	3.723	56	15330	97.030	ug/l	99
14) Allyl chloride	4.472	41	35694	21.025	ug/l	98
15) Acrylonitrile	5.155	53	32380	102.459	ug/l	99
16) Acetone	3.936	43	29987	109.678	ug/l	94
17) Carbon Disulfide	4.186	76	86084	20.412	ug/l	98
18) Methyl Acetate	4.466	43	12265	18.491	ug/l	98
19) Methyl tert-butyl Ether	5.210	73	68839	21.020	ug/l	98
20) Methylene Chloride	4.704	84	38204	20.557	ug/l	95
21) trans-1,2-Dichloroethene	5.210	96	34974	21.259	ug/l	97
22) Diisopropyl ether	6.112	45	86881	22.177	ug/l	97
23) Vinyl Acetate	6.051	43	247743	106.123	ug/l	100
24) 1,1-Dichloroethane	6.009	63	57924	21.642	ug/l	98
25) 2-Butanone	6.984	43	40892	104.947	ug/l	98
26) 2,2-Dichloropropane	6.978	77	48386	21.502	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	40010	21.661	ug/l	98
28) Bromochloromethane	7.326	49	22166	21.029	ug/l	95
29) Tetrahydrofuran	7.344	42	23635	100.626	ug/l	99
30) Chloroform	7.502	83	63033	22.120	ug/l	97
31) Cyclohexane	7.783	56	45867	19.994	ug/l	93
32) 1,1,1-Trichloroethane	7.697	97	54112	21.873	ug/l	99
36) 1,1-Dichloropropene	7.911	75	46250	21.036	ug/l	99
37) Ethyl Acetate	7.063	43	17542	20.201	ug/l	99
38) Carbon Tetrachloride	7.893	117	47967	21.768	ug/l	94
39) Methylcyclohexane	9.179	83	52730	19.956	ug/l	97
40) Benzene	8.155	78	140429	21.507	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	8102	18.593	ug/l	92
42) 1,2-Dichloroethane	8.234	62	33190	20.834	ug/l	97
43) Isopropyl Acetate	8.271	43	31213	20.455	ug/l	99
44) Trichloroethene	8.935	130	39462	20.969	ug/l	98
45) 1,2-Dichloropropane	9.216	63	33165	21.350	ug/l	99
46) Dibromomethane	9.301	93	19070	21.450	ug/l	97
47) Bromodichloromethane	9.490	83	47154	21.844	ug/l	99
48) Methyl methacrylate	9.289	41	13881	19.652	ug/l	93
49) 1,4-Dioxane	9.295	88	4253	422.710	ug/l #	94
51) 4-Methyl-2-Pentanone	10.069	43	85600	100.651	ug/l	100
52) Toluene	10.240	92	89651	21.780	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	41801	20.863	ug/l	95
54) cis-1,3-Dichloropropene	9.929	75	51828	21.289	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	27163	21.519	ug/l	99
56) Ethyl methacrylate	10.508	69	28894	20.200	ug/l	98
57) 1,3-Dichloropropane	10.788	76	43602	21.246	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	69748	95.757	ug/l	98
59) 2-Hexanone	10.831	43	61946	106.042	ug/l	100
60) Dibromochloromethane	10.983	129	31735	21.252	ug/l	98
61) 1,2-Dibromoethane	11.087	107	24655	21.195	ug/l	99
64) Tetrachloroethene	10.721	164	39510	20.035	ug/l	98
65) Chlorobenzene	11.514	112	94107	21.579	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	34647	21.206	ug/l	99
67) Ethyl Benzene	11.593	91	162229	21.211	ug/l	98
68) m/p-Xylenes	11.703	106	129908	43.226	ug/l	100
69) o-Xylene	12.026	106	59824	21.456	ug/l	98
70) Styrene	12.044	104	99504	21.500	ug/l	98
71) Bromoform	12.209	173	19389	21.415	ug/l #	99
73) Isopropylbenzene	12.331	105	157494	21.950	ug/l	100
74) N-amyl acetate	12.142	43	26537	20.970	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	27719	22.497	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	33689	36.713	ug/l #	100
77) Bromobenzene	12.611	156	38063	21.906	ug/l	96
78) n-propylbenzene	12.672	91	191109	22.198	ug/l	99
79) 2-Chlorotoluene	12.758	91	106127	22.017	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	126964	22.087	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	8798	22.031	ug/l	97
82) 4-Chlorotoluene	12.855	91	108952	22.099	ug/l	98
83) tert-Butylbenzene	13.075	119	111525	22.094	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	125392	22.095	ug/l	100
85) sec-Butylbenzene	13.251	105	170854	22.139	ug/l	99
86) p-Isopropyltoluene	13.367	119	139544	22.088	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	75792	21.731	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	73840	21.777	ug/l	99
89) n-Butylbenzene	13.696	91	127591	22.136	ug/l	99
90) Hexachloroethane	13.965	117	28147	22.223	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	65247	22.117	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3677	21.228	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	34262	21.988	ug/l	99
94) Hexachlorobutadiene	15.111	225	21885	22.748	ug/l	98
95) Naphthalene	15.239	128	52735	20.013	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	29581	22.129	ug/l	97

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Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
Response via : Initial Calibration

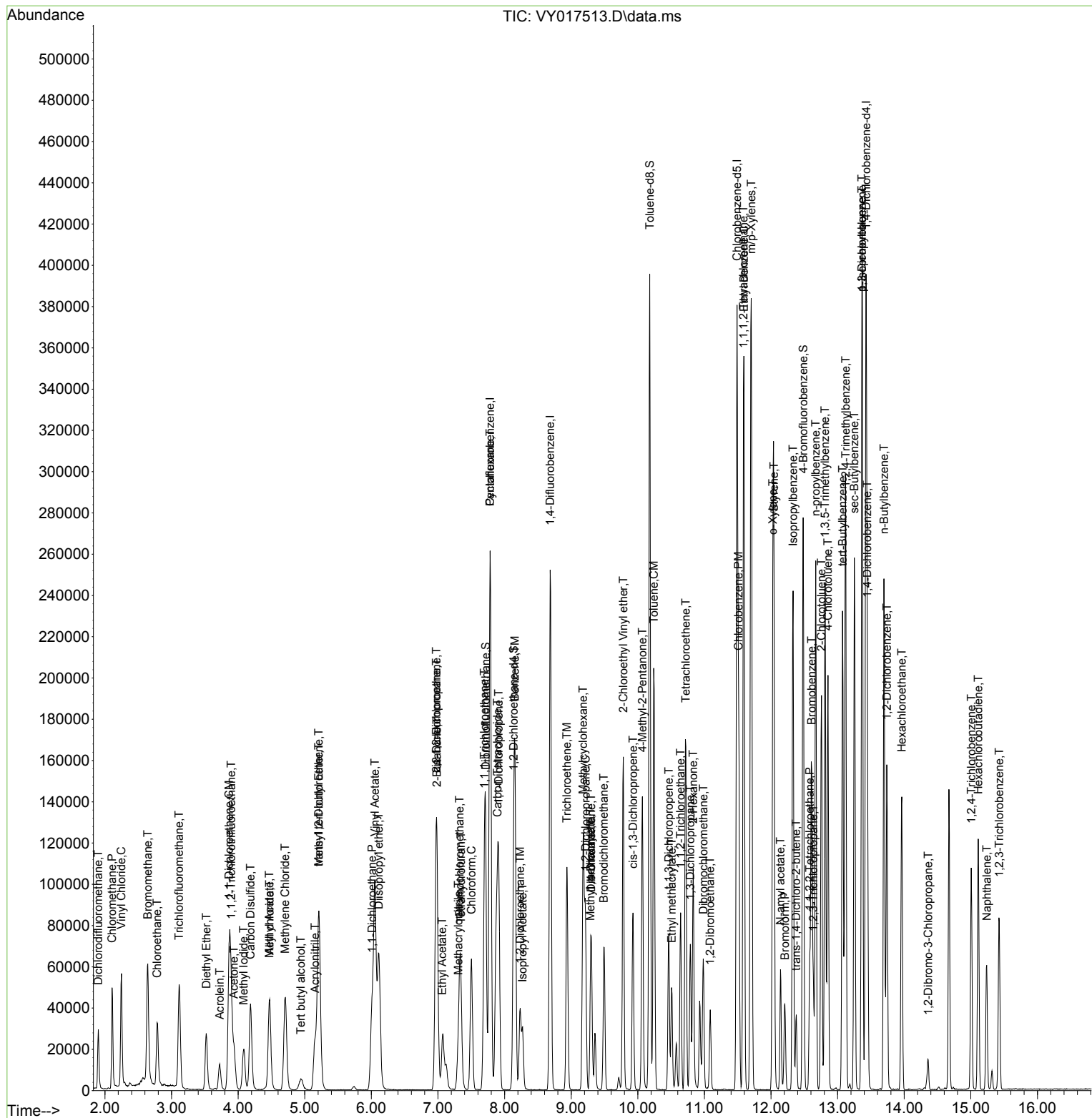
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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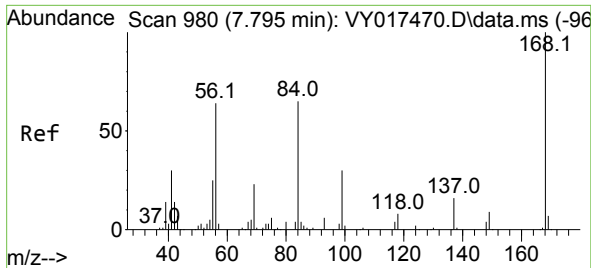
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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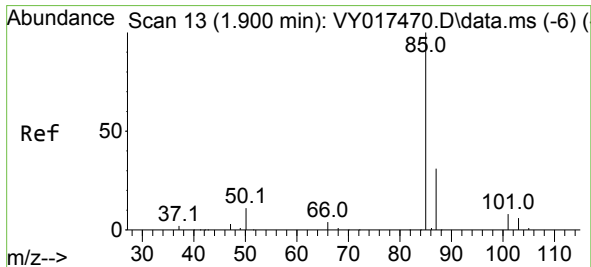
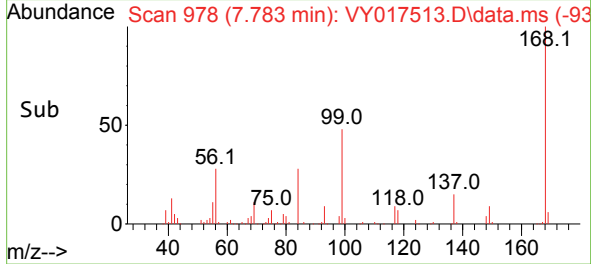
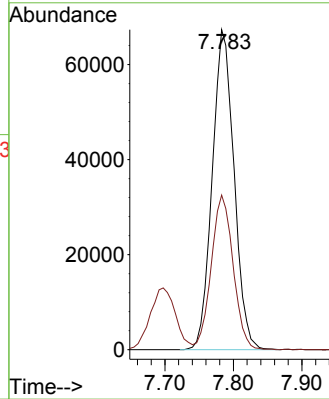
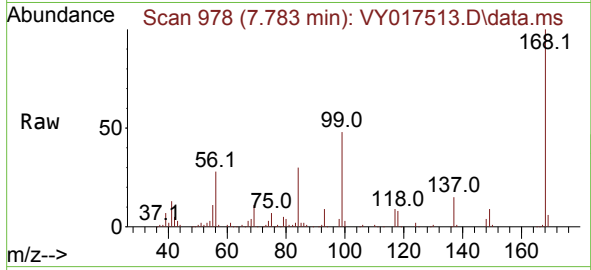




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
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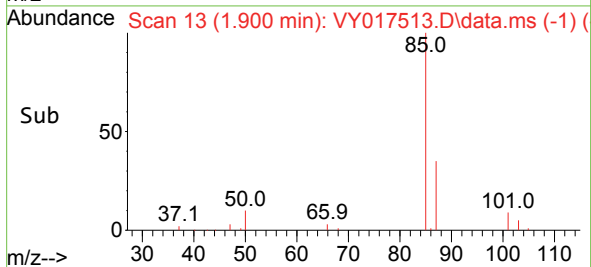
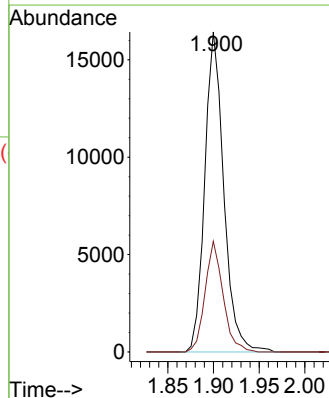
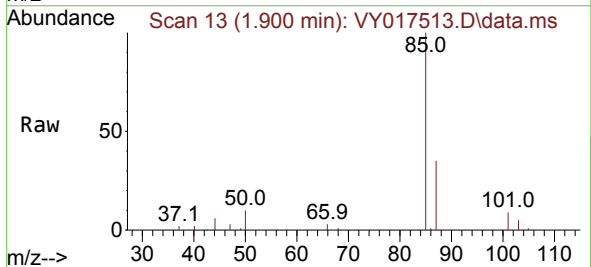
Instrument :
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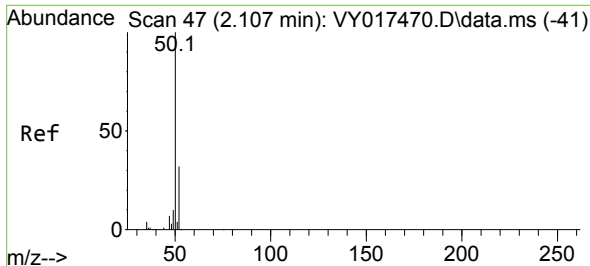
Tgt Ion:168 Resp: 148737
Ion Ratio Lower Upper
168 100
99 48.3 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 21.609 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY017513.D
Acq: 28 Feb 2024 11:45

Tgt Ion: 85 Resp: 23709
Ion Ratio Lower Upper
85 100
87 34.6 16.0 48.0

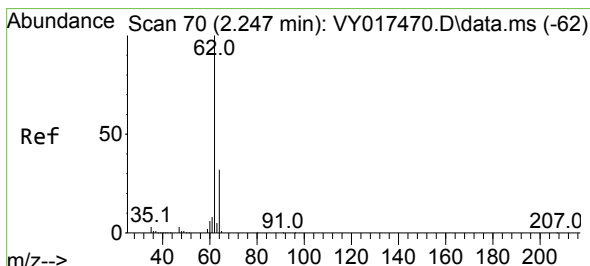
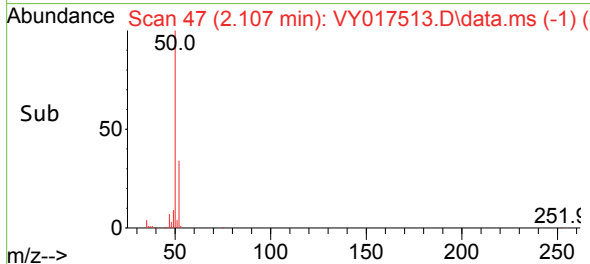
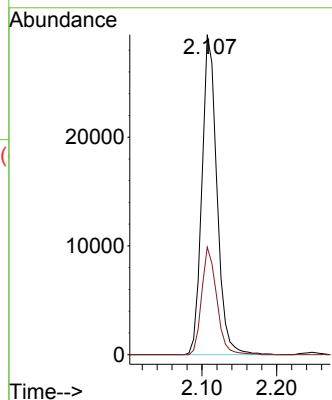
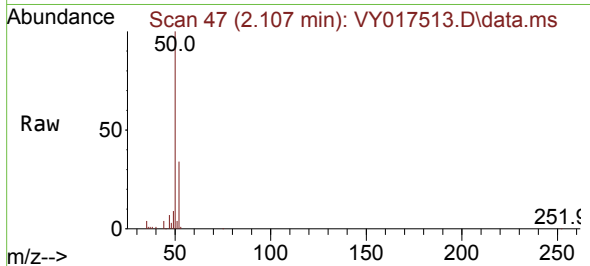




#3
Chloromethane
Concen: 20.469 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY017513.D
Acq: 28 Feb 2024 11:45

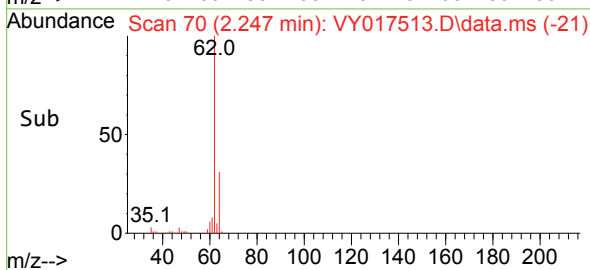
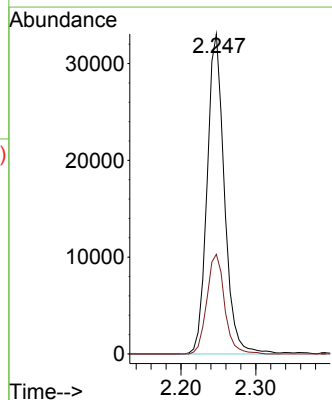
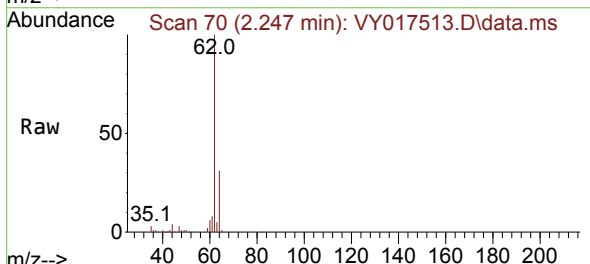
Instrument :
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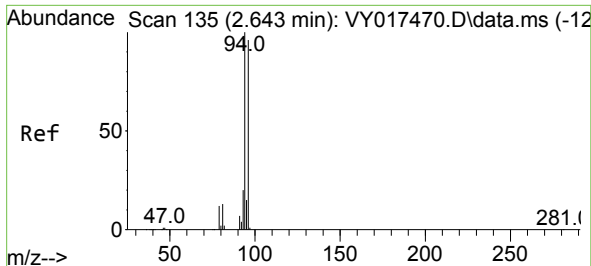
Tgt Ion: 50 Resp: 41033
Ion Ratio Lower Upper
50 100
52 33.6 25.6 38.4



#4
Vinyl Chloride
Concen: 20.644 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY017513.D
Acq: 28 Feb 2024 11:45

Tgt Ion: 62 Resp: 53093
Ion Ratio Lower Upper
62 100
64 31.1 26.1 39.1

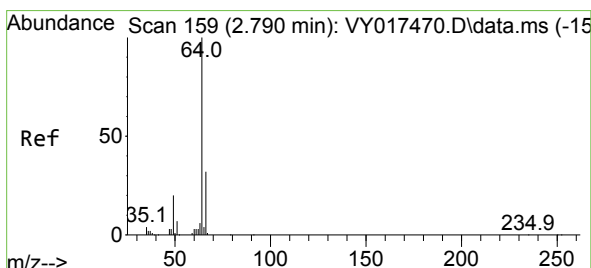
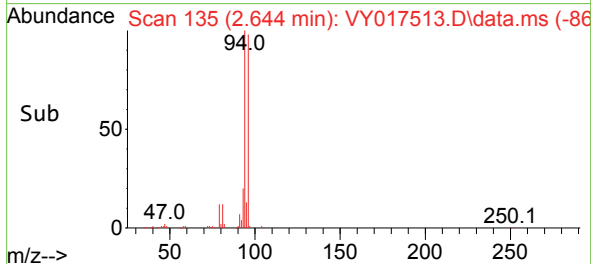
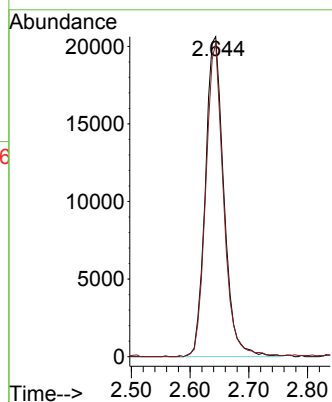
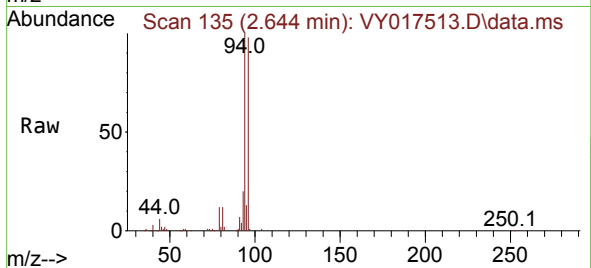




#5
Bromomethane
Concen: 21.489 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017513.D
Acq: 28 Feb 2024 11:45

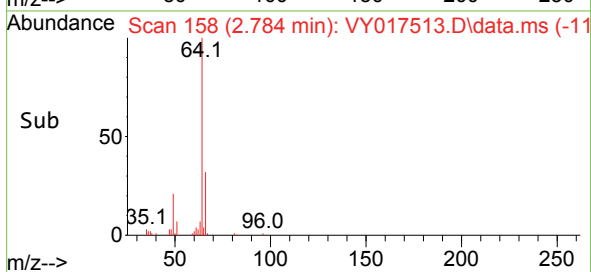
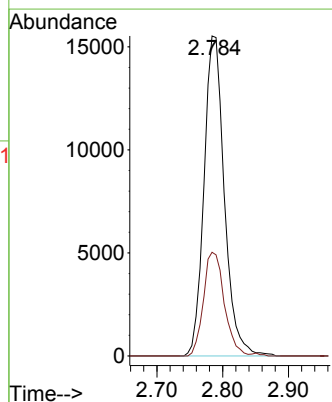
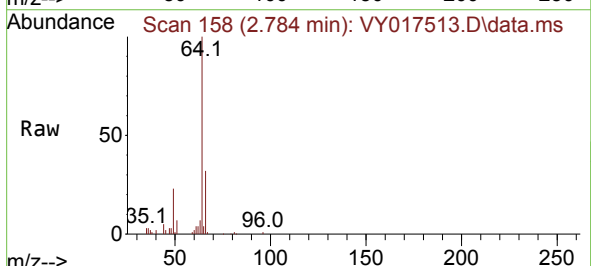
Instrument :
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Tgt Ion: 94 Resp: 45037
Ion Ratio Lower Upper
94 100
96 97.7 74.1 111.1



#6
Chloroethane
Concen: 20.597 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.006 min
Lab File: VY017513.D
Acq: 28 Feb 2024 11:45

Tgt Ion: 64 Resp: 33417
Ion Ratio Lower Upper
64 100
66 32.4 26.1 39.1

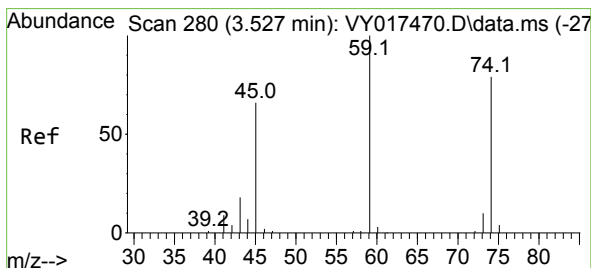
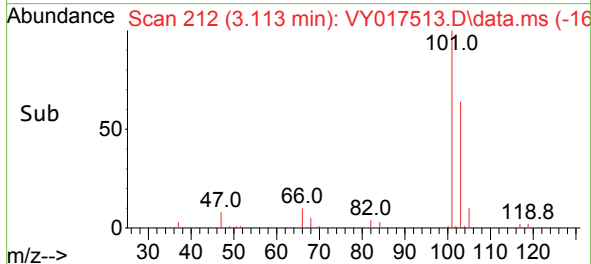
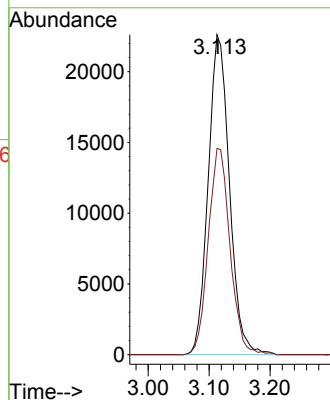
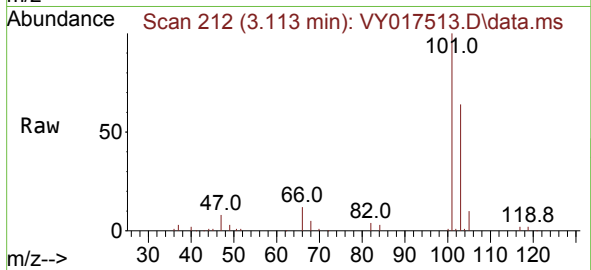




#7
 Trichlorofluoromethane
 Concen: 20.899 ug/l
 RT: 3.113 min Scan# 213
 Delta R.T. -0.006 min
 Lab File: VY017513.D
 Acq: 28 Feb 2024 11:45

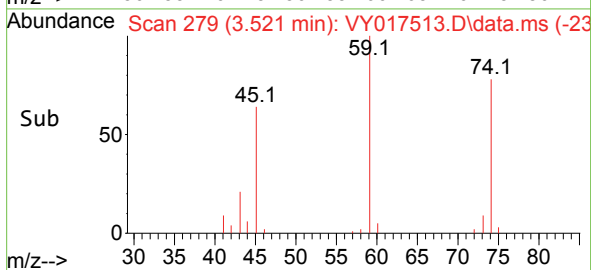
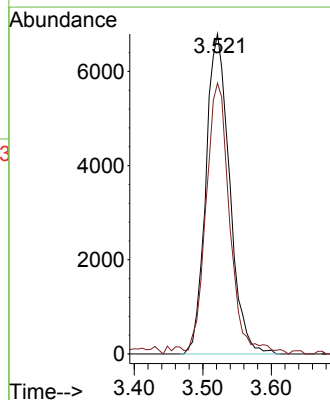
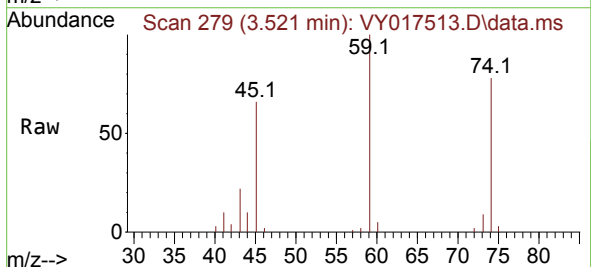
Instrument :
 MSVOA_Y
 ClientSampleId :
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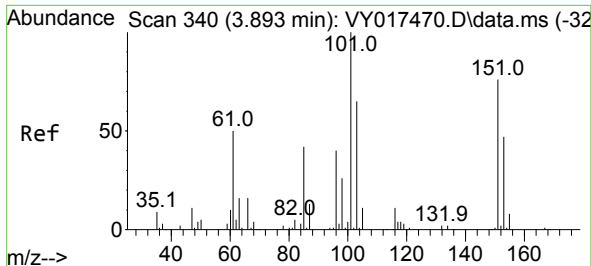
Tgt Ion:101 Resp: 54779
 Ion Ratio Lower Upper
 101 100
 103 64.4 49.3 73.9



#8
 Diethyl Ether
 Concen: 21.231 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.006 min
 Lab File: VY017513.D
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Tgt Ion: 74 Resp: 16322
 Ion Ratio Lower Upper
 74 100
 45 84.8 41.3 124.1

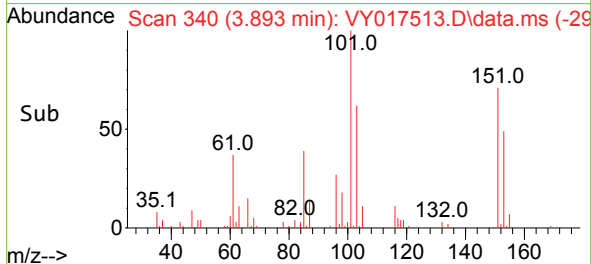
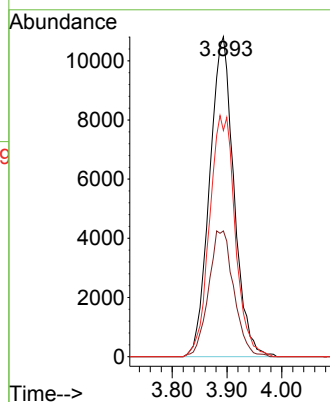
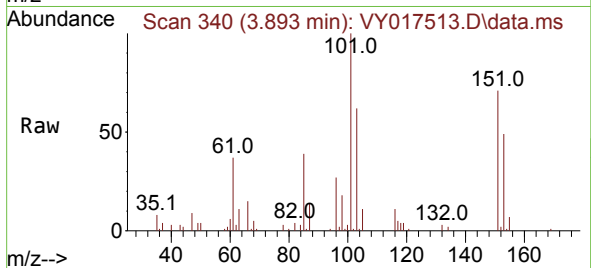




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.078 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY017513.D
Acq: 28 Feb 2024 11:45

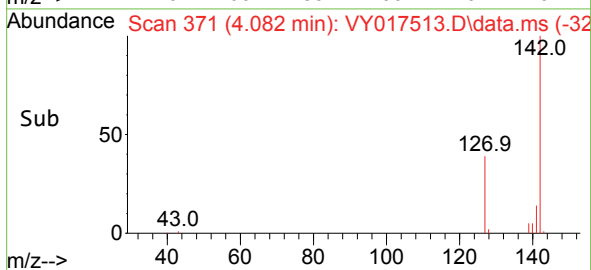
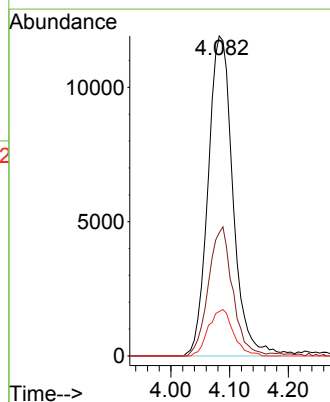
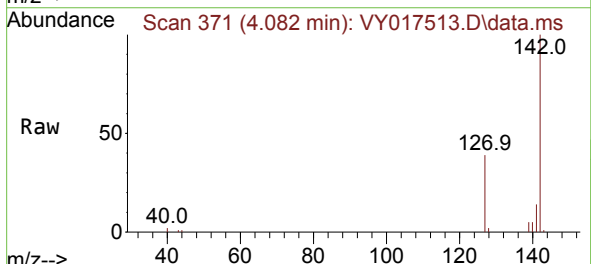
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

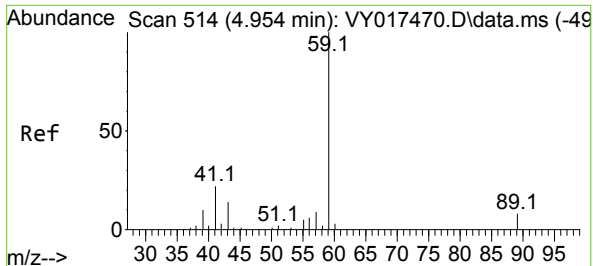
Tgt Ion:101 Resp: 33286
Ion Ratio Lower Upper
101 100
85 40.9 34.5 51.7
151 79.4 61.7 92.5



#10
Methyl Iodide
Concen: 20.656 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY017513.D
Acq: 28 Feb 2024 11:45

Tgt Ion:142 Resp: 34950
Ion Ratio Lower Upper
142 100
127 39.3 32.8 49.2
141 14.6 11.4 17.2





#11

Tert butyl alcohol

Concen: 86.989 ug/l

RT: 4.942 min Scan# 514

Delta R.T. -0.012 min

Lab File: VY017513.D

Acq: 28 Feb 2024 11:45

Instrument :

MSVOA_Y

ClientSampleId :

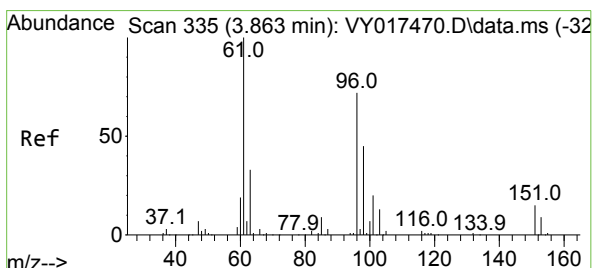
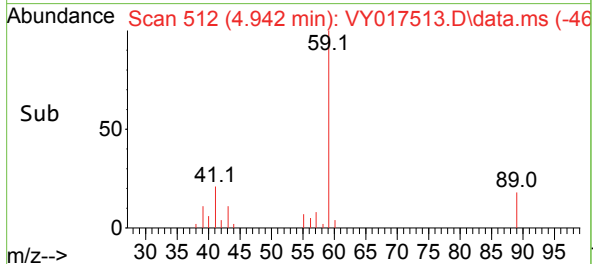
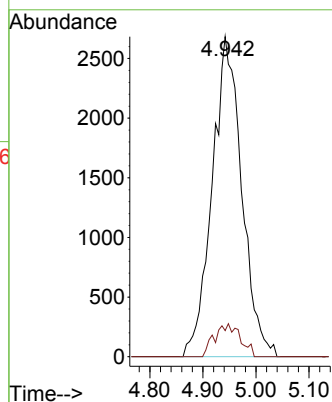
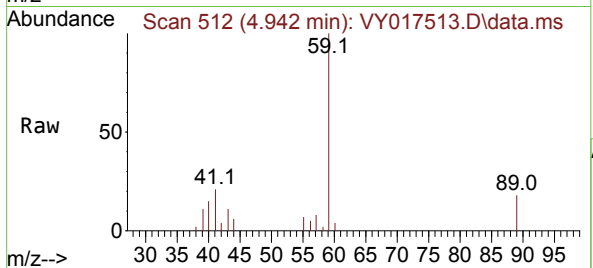
VY0228SBS01

Tgt Ion: 59 Resp: 10416

Ion Ratio Lower Upper

59 100

57 4.2 3.0 4.6



#12

1,1-Dichloroethene

Concen: 21.672 ug/l

RT: 3.863 min Scan# 335

Delta R.T. 0.000 min

Lab File: VY017513.D

Acq: 28 Feb 2024 11:45

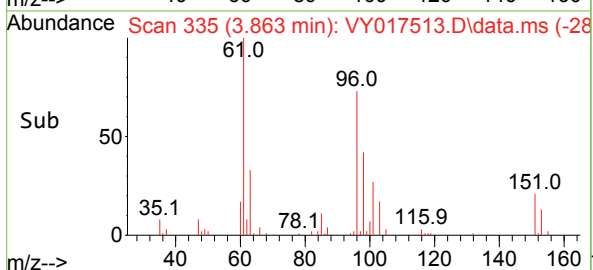
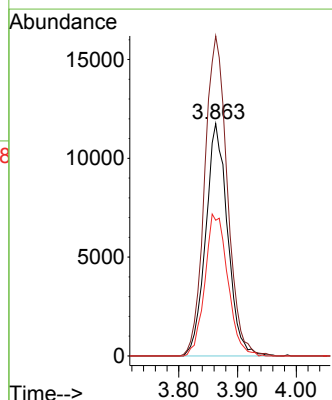
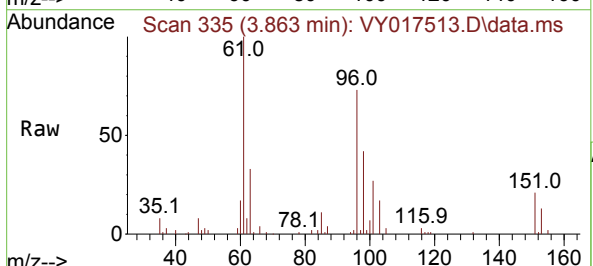
Tgt Ion: 96 Resp: 30451

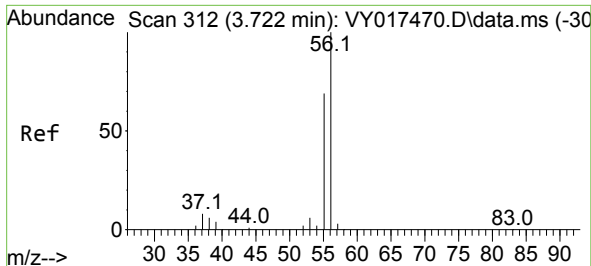
Ion Ratio Lower Upper

96 100

61 137.7 114.6 171.8

98 58.4 50.8 76.2





#13

Acrolein

Concen: 97.030 ug/l

RT: 3.723 min Scan# 312

Delta R.T. 0.000 min

Lab File: VY017513.D

Acq: 28 Feb 2024 11:45

Instrument :

MSVOA_Y

ClientSampleId :

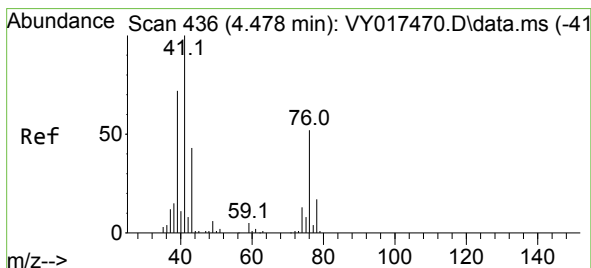
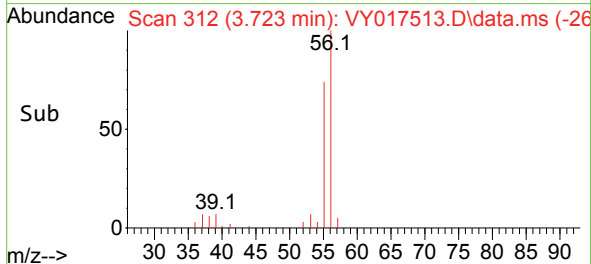
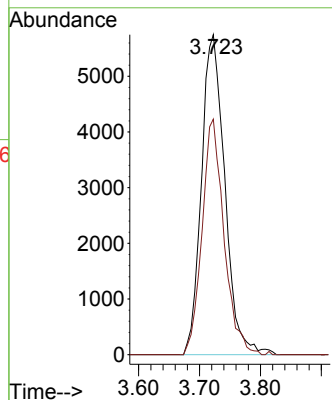
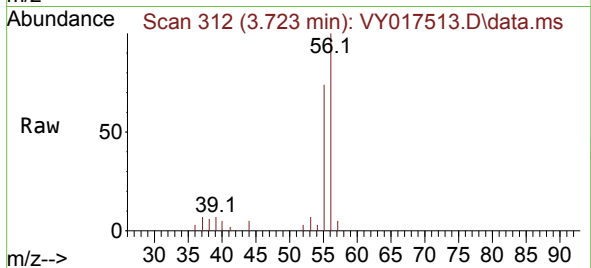
VY0228SBS01

Tgt Ion: 56 Resp: 15330

Ion Ratio Lower Upper

56 100

55 69.1 55.7 83.5



#14

Allyl chloride

Concen: 21.025 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY017513.D

Acq: 28 Feb 2024 11:45

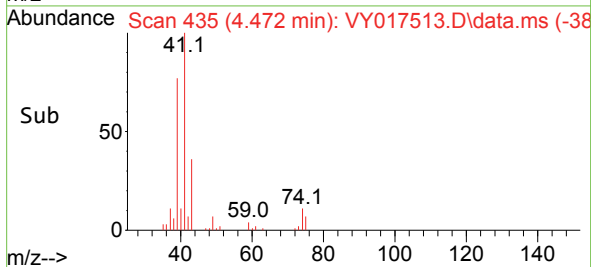
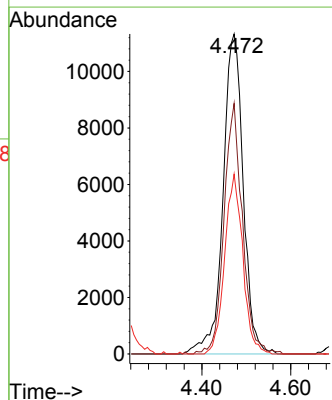
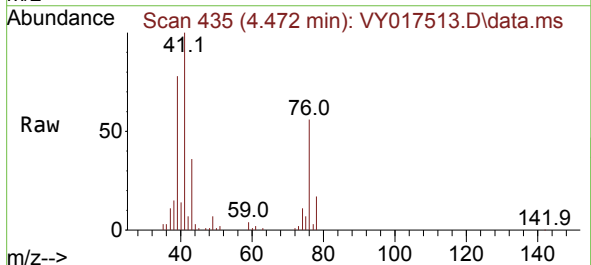
Tgt Ion: 41 Resp: 35694

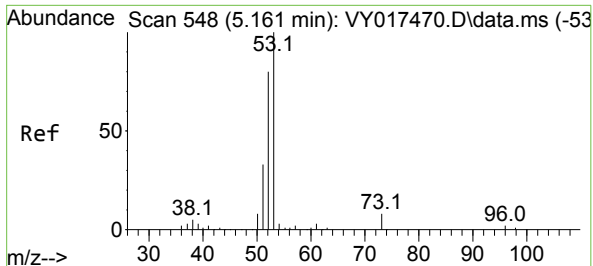
Ion Ratio Lower Upper

41 100

39 71.4 58.3 87.5

76 50.4 39.0 58.6





#15

Acrylonitrile

Concen: 102.459 ug/l

RT: 5.155 min Scan# 54

Delta R.T. -0.006 min

Lab File: VY017513.D

Acq: 28 Feb 2024 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

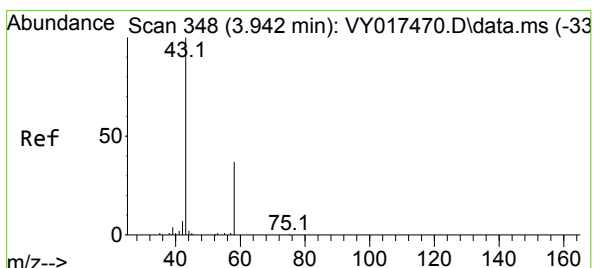
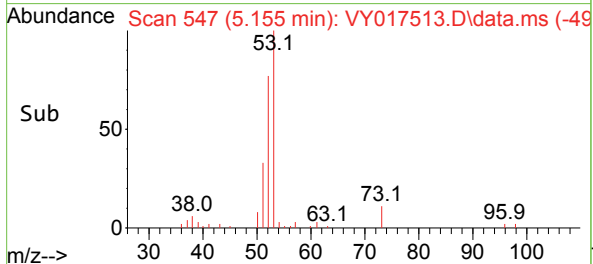
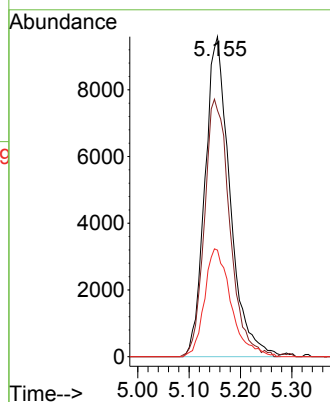
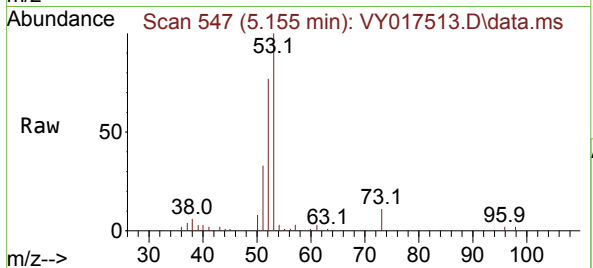
Tgt Ion: 53 Resp: 32380

Ion Ratio Lower Upper

53 100

52 81.3 64.7 97.1

51 35.9 28.4 42.6



#16

Acetone

Concen: 109.678 ug/l

RT: 3.936 min Scan# 347

Delta R.T. -0.006 min

Lab File: VY017513.D

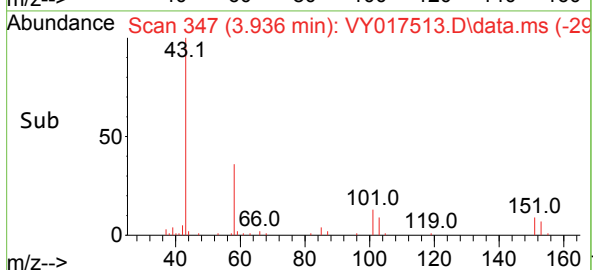
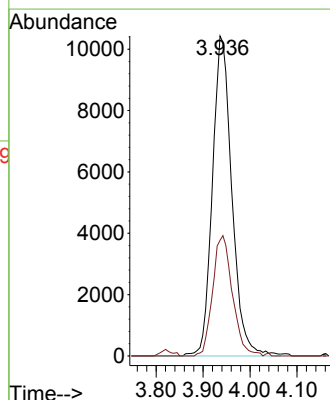
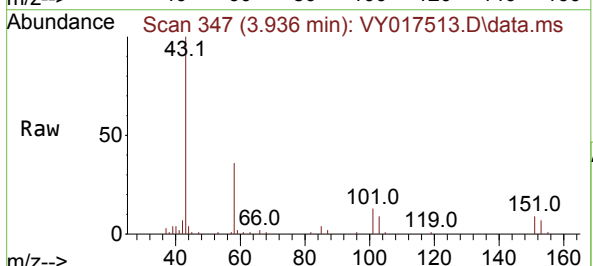
Acq: 28 Feb 2024 11:45

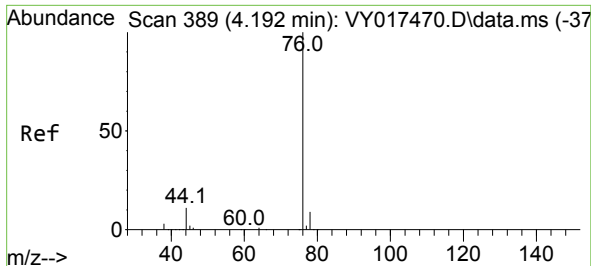
Tgt Ion: 43 Resp: 29987

Ion Ratio Lower Upper

43 100

58 36.1 31.7 47.5

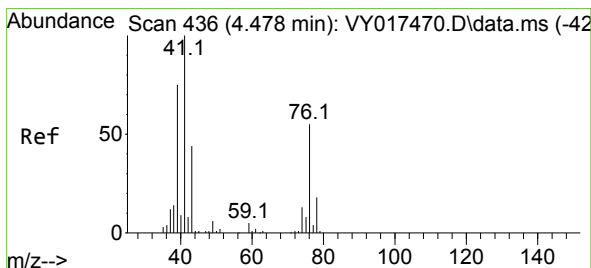
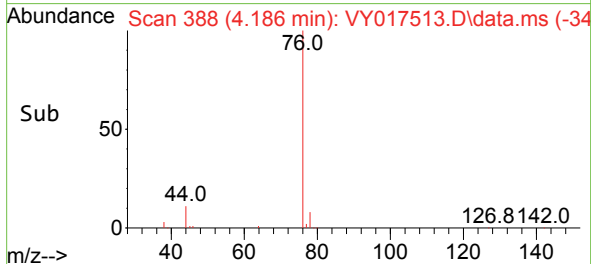
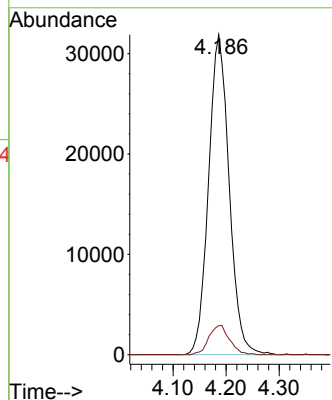
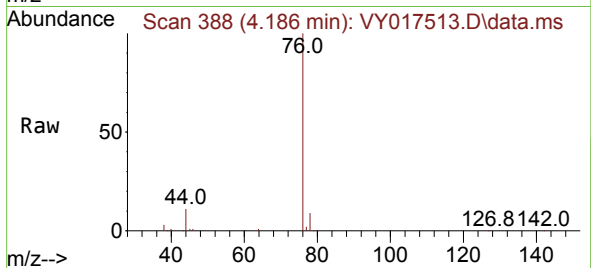




#17
Carbon Disulfide
Concen: 20.412 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY017513.D
Acq: 28 Feb 2024 11:45

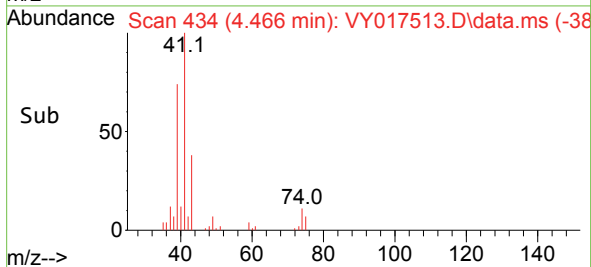
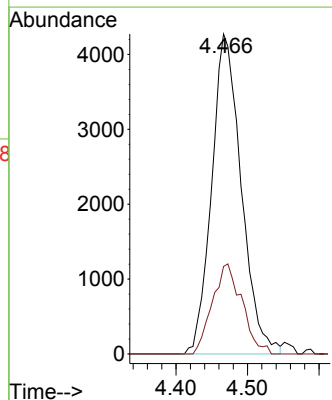
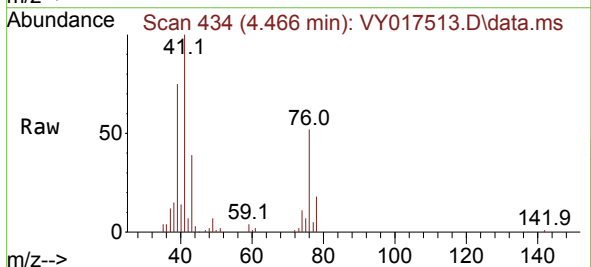
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

Tgt Ion: 76 Resp: 86084
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2



#18
Methyl Acetate
Concen: 18.491 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.012 min
Lab File: VY017513.D
Acq: 28 Feb 2024 11:45

Tgt Ion: 43 Resp: 12265
Ion Ratio Lower Upper
43 100
74 28.2 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 21.020 ug/l

RT: 5.210 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY017513.D

Acq: 28 Feb 2024 11:45

Instrument :

MSVOA_Y

ClientSampleId :

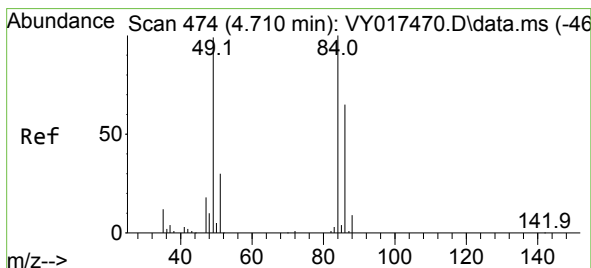
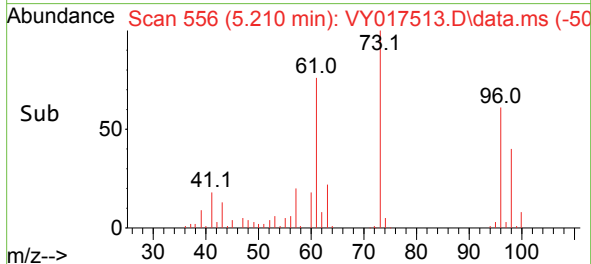
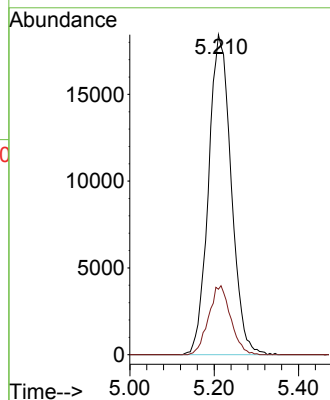
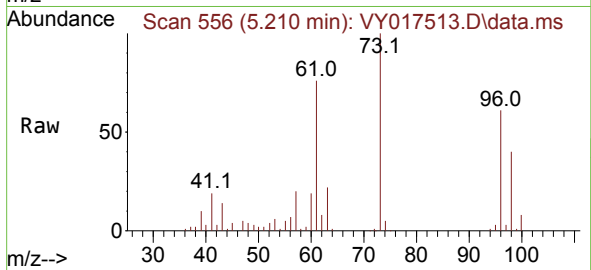
VY0228SBS01

Tgt Ion: 73 Resp: 68839

Ion Ratio Lower Upper

73 100

57 20.5 17.3 25.9



#20

Methylene Chloride

Concen: 20.557 ug/l

RT: 4.704 min Scan# 473

Delta R.T. -0.006 min

Lab File: VY017513.D

Acq: 28 Feb 2024 11:45

Tgt Ion: 84 Resp: 38204

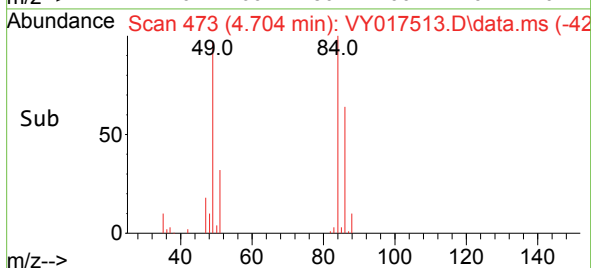
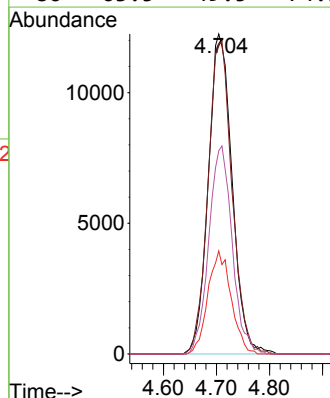
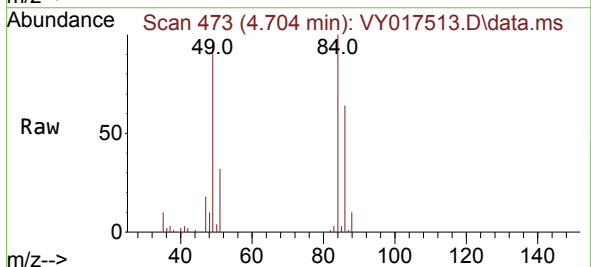
Ion Ratio Lower Upper

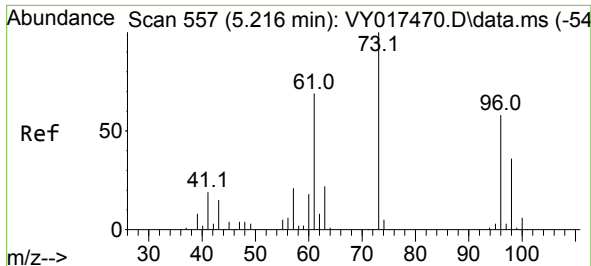
84 100

49 96.6 84.4 126.6

51 32.2 26.0 39.0

86 63.5 49.5 74.3

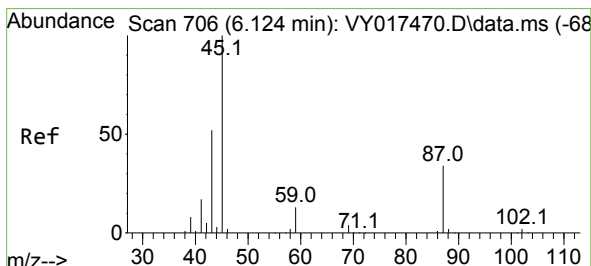
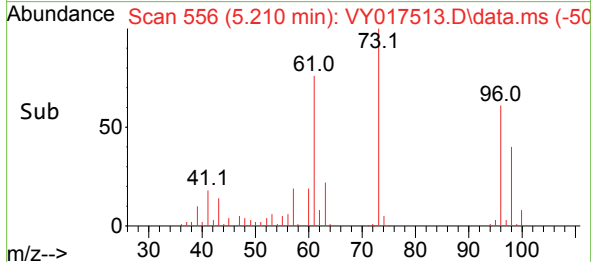
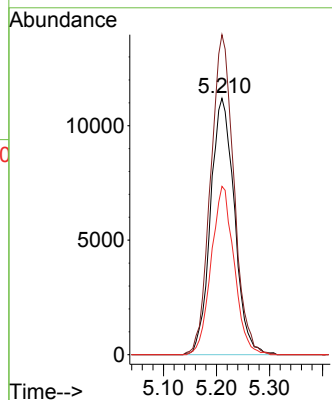
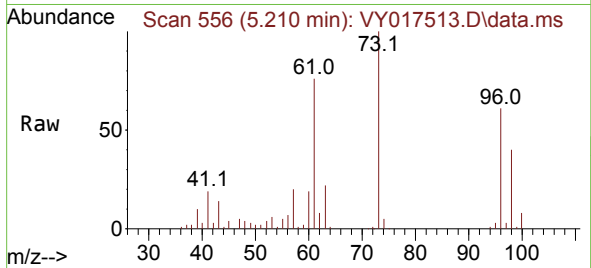




#21
trans-1,2-Dichloroethene
Concen: 21.259 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY017513.D
Acq: 28 Feb 2024 11:45

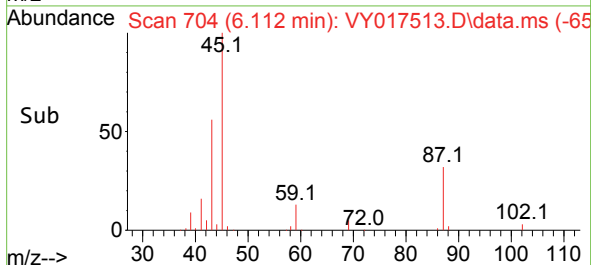
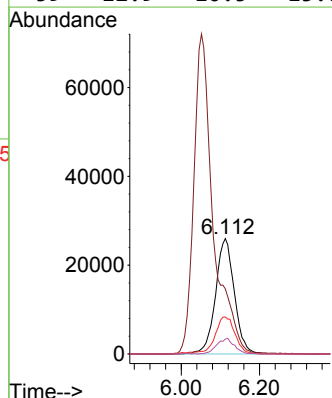
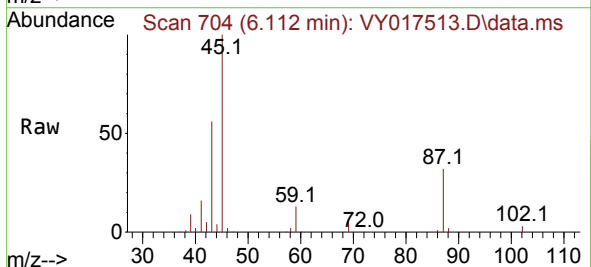
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

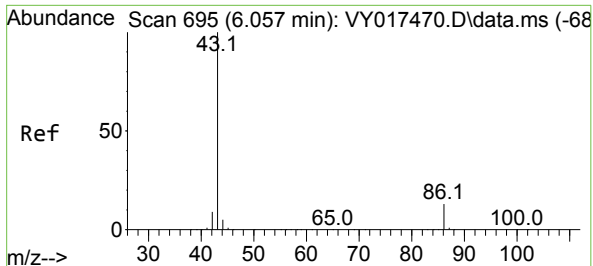
Tgt Ion: 96 Resp: 34974
Ion Ratio Lower Upper
96 100
61 124.8 97.5 146.3
98 65.7 50.5 75.7



#22
Diisopropyl ether
Concen: 22.177 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY017513.D
Acq: 28 Feb 2024 11:45

Tgt Ion: 45 Resp: 86881
Ion Ratio Lower Upper
45 100
43 55.6 42.2 63.2
87 32.0 25.0 37.6
59 12.9 10.5 15.7

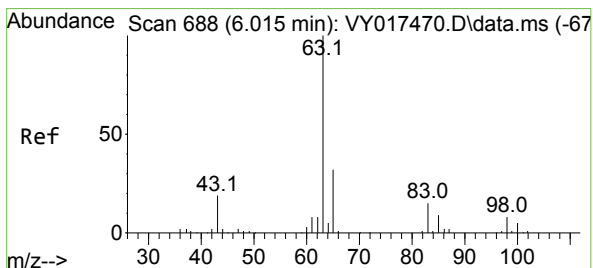
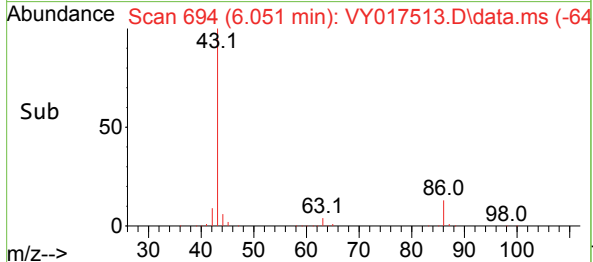
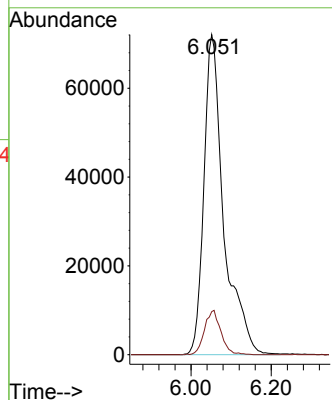
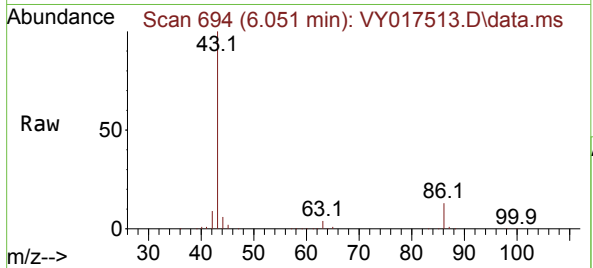




#23
 Vinyl Acetate
 Concen: 106.123 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY017513.D
 Acq: 28 Feb 2024 11:45

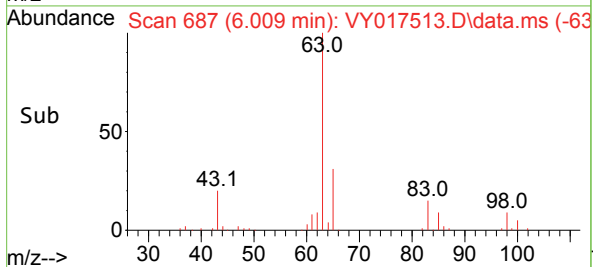
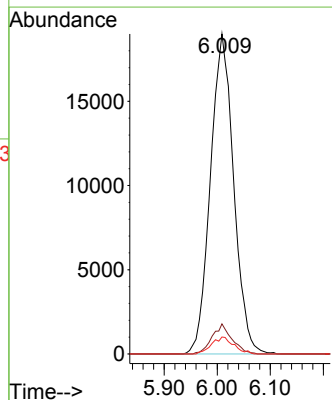
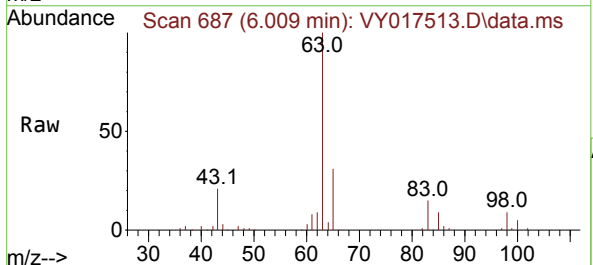
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0228SBS01

Tgt Ion: 43 Resp: 247743
 Ion Ratio Lower Upper
 43 100
 86 13.4 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 21.642 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY017513.D
 Acq: 28 Feb 2024 11:45

Tgt Ion: 63 Resp: 57924
 Ion Ratio Lower Upper
 63 100
 98 9.4 4.0 12.2
 100 5.3 2.6 8.0





#25

2-Butanone

Concen: 104.947 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY017513.D

Acq: 28 Feb 2024 11:45

Instrument :

MSVOA_Y

ClientSampleId :

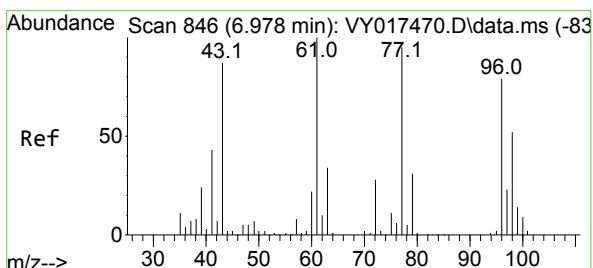
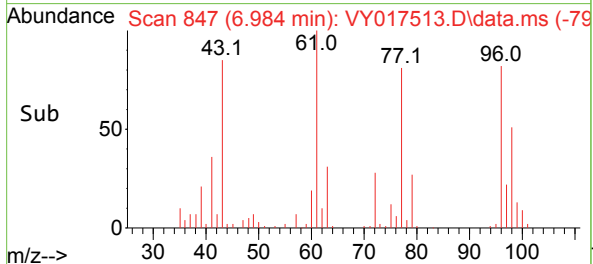
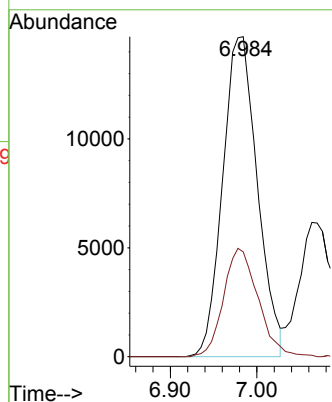
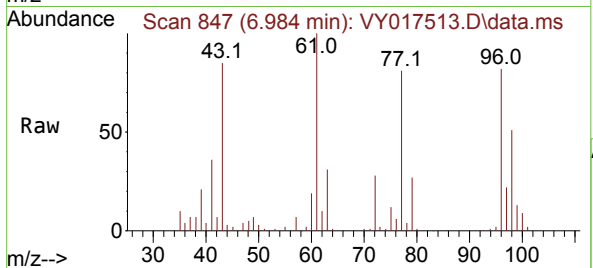
VY0228SBS01

Tgt Ion: 43 Resp: 40892

Ion Ratio Lower Upper

43 100

72 32.7 27.3 40.9



#26

2,2-Dichloropropane

Concen: 21.502 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY017513.D

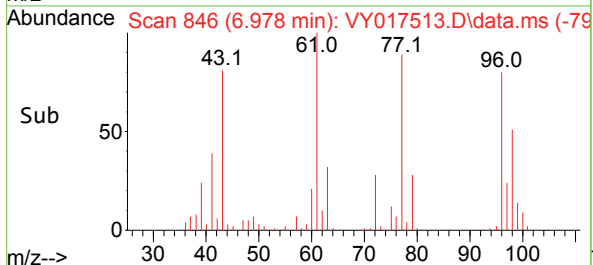
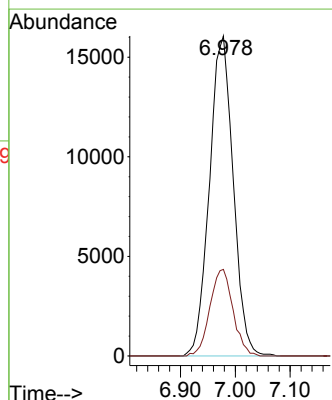
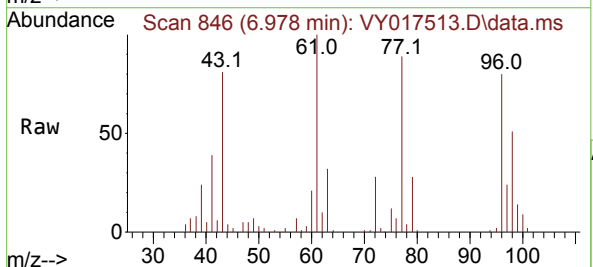
Acq: 28 Feb 2024 11:45

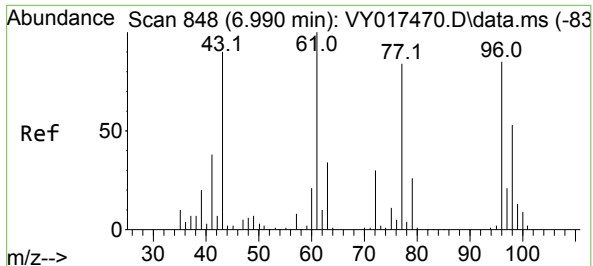
Tgt Ion: 77 Resp: 48386

Ion Ratio Lower Upper

77 100

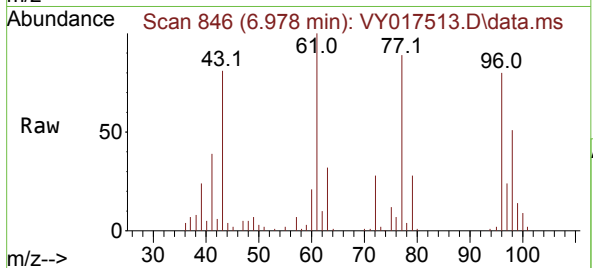
97 26.3 12.0 36.1





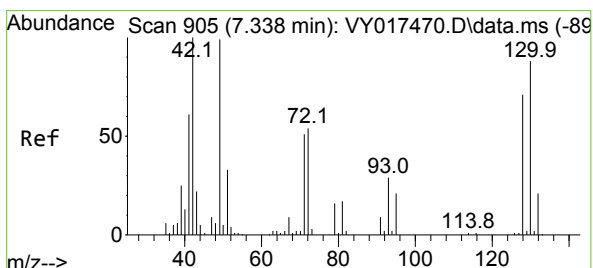
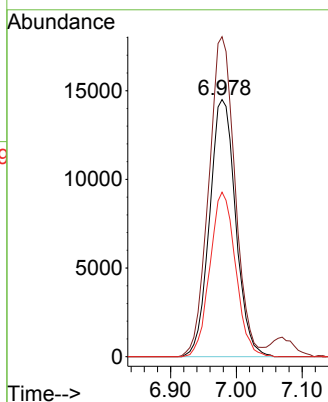
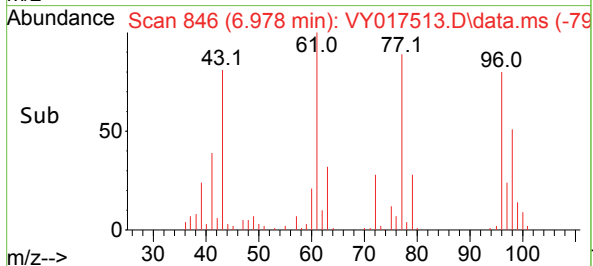
#27
cis-1,2-Dichloroethene
Concen: 21.661 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.012 min
Lab File: VY017513.D
Acq: 28 Feb 2024 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01



Tgt Ion: 96 Resp: 40010

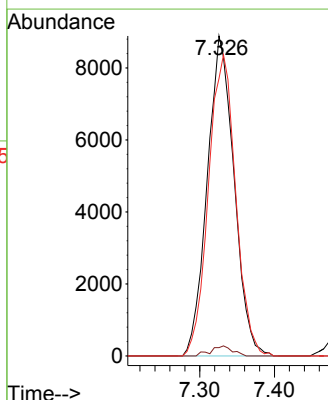
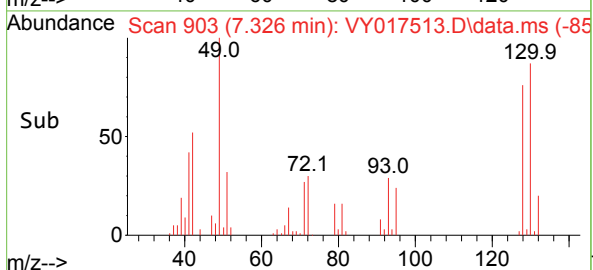
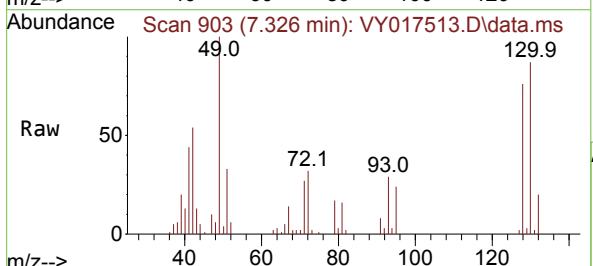
Ion	Ratio	Lower	Upper
96	100		
61	125.6	0.0	256.2
98	63.1	0.0	130.0



#28
Bromochloromethane
Concen: 21.029 ug/l
RT: 7.326 min Scan# 903
Delta R.T. -0.012 min
Lab File: VY017513.D
Acq: 28 Feb 2024 11:45

Tgt Ion: 49 Resp: 22166

Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.6
130	95.6	72.7	109.1





#29

Tetrahydrofuran

Concen: 100.626 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY017513.D

Acq: 28 Feb 2024 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

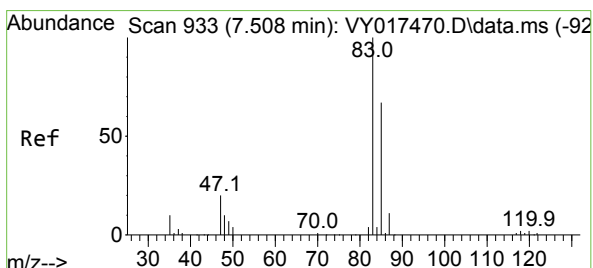
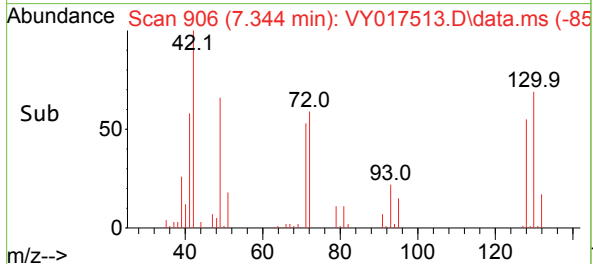
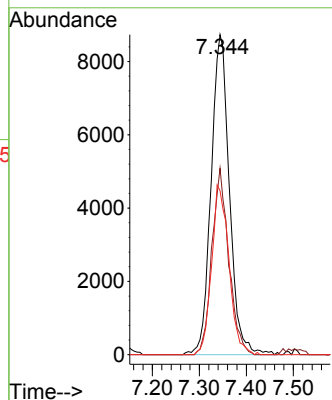
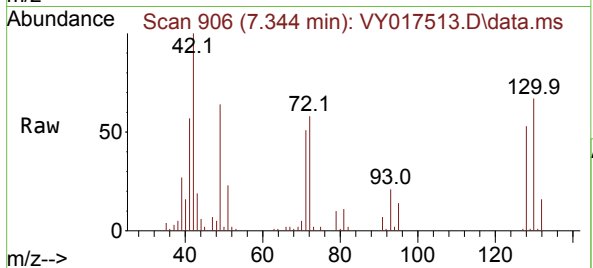
Tgt Ion: 42 Resp: 23635

Ion Ratio Lower Upper

42 100

72 53.5 43.0 64.4

71 50.3 40.8 61.2



#30

Chloroform

Concen: 22.120 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY017513.D

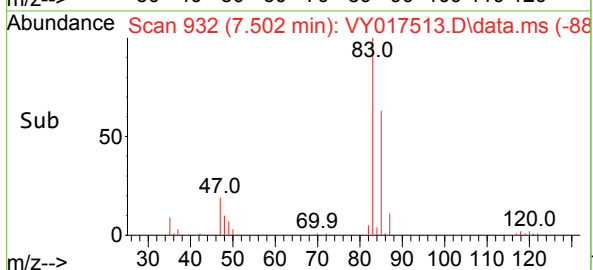
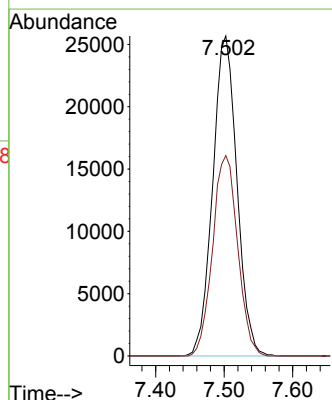
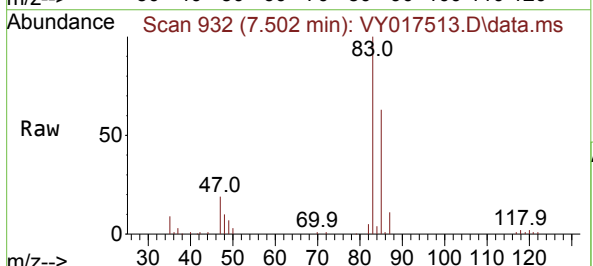
Acq: 28 Feb 2024 11:45

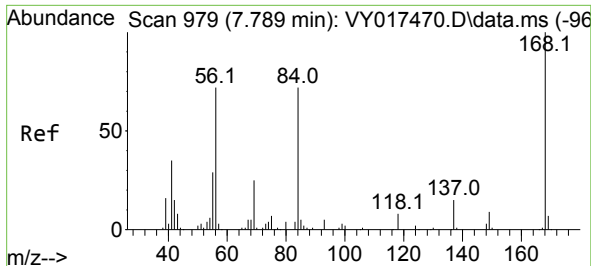
Tgt Ion: 83 Resp: 63033

Ion Ratio Lower Upper

83 100

85 62.6 52.2 78.4

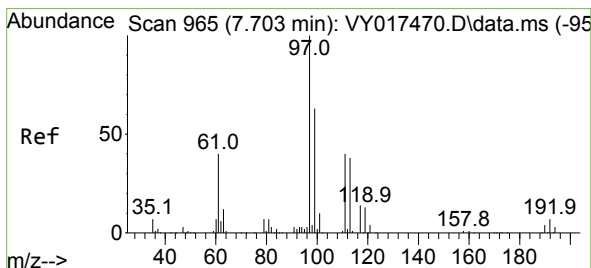
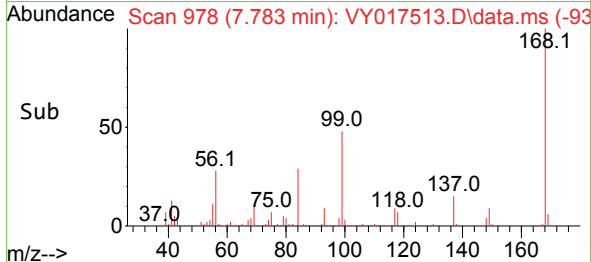
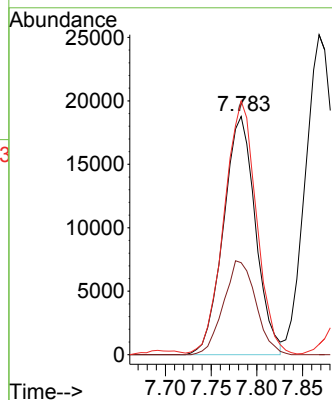
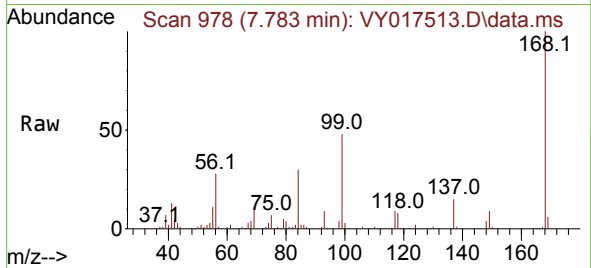




#31
Cyclohexane
Concen: 19.994 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017513.D
Acq: 28 Feb 2024 11:45

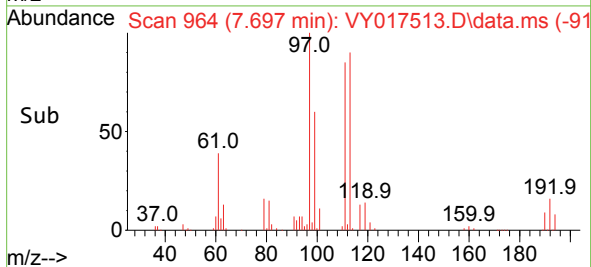
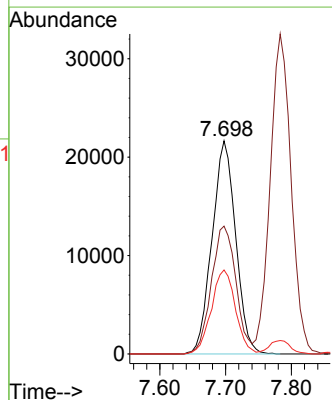
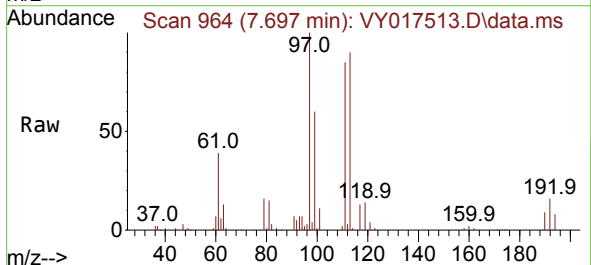
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

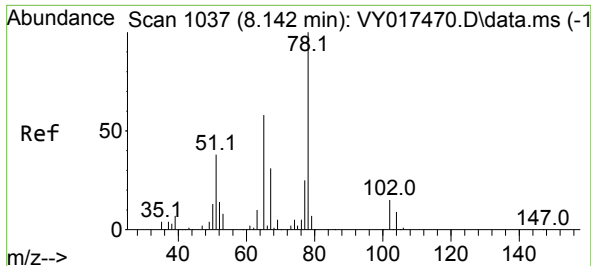
Tgt Ion: 56 Resp: 45867
Ion Ratio Lower Upper
56 100
69 38.6 28.7 43.1
84 105.4 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 21.873 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY017513.D
Acq: 28 Feb 2024 11:45

Tgt Ion: 97 Resp: 54112
Ion Ratio Lower Upper
97 100
99 62.4 50.3 75.5
61 40.2 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 42.603 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY017513.D

Acq: 28 Feb 2024 11:45

Instrument :

MSVOA_Y

ClientSampleId :

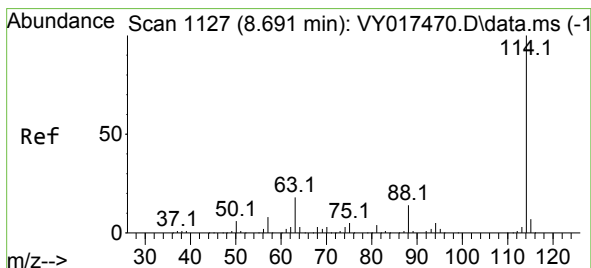
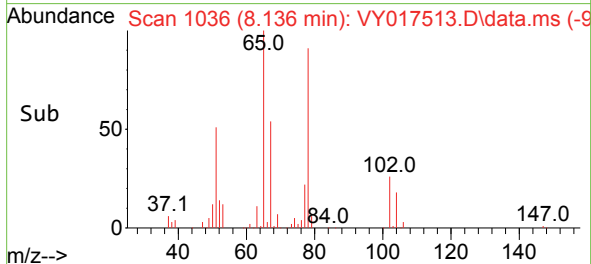
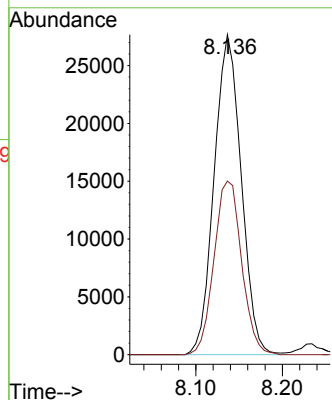
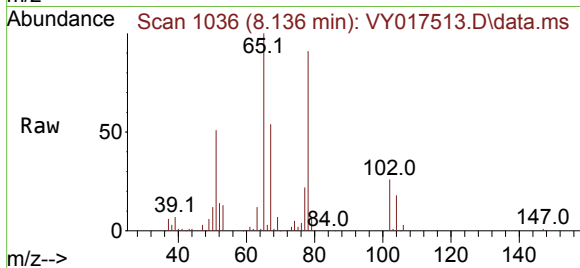
VY0228SBS01

Tgt Ion: 65 Resp: 60054

Ion Ratio Lower Upper

65 100

67 55.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY017513.D

Acq: 28 Feb 2024 11:45

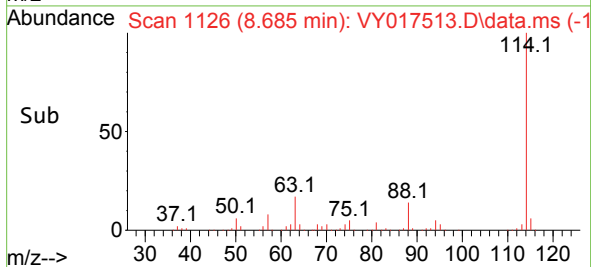
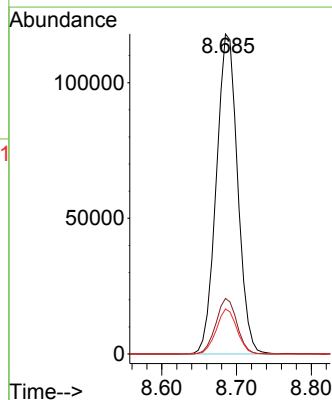
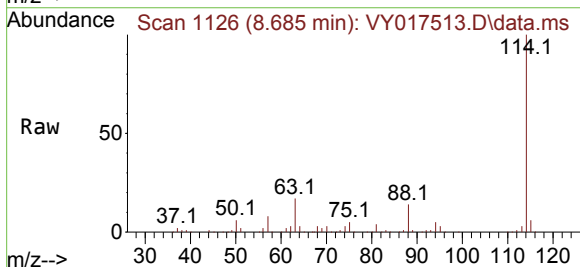
Tgt Ion: 114 Resp: 233852

Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.0

88 14.0 0.0 27.2

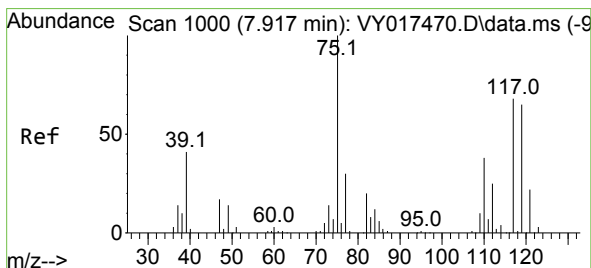
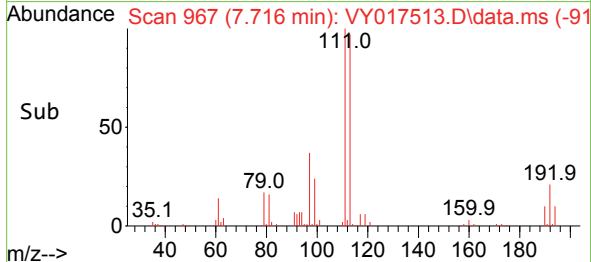
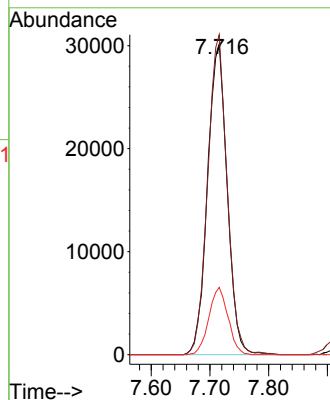
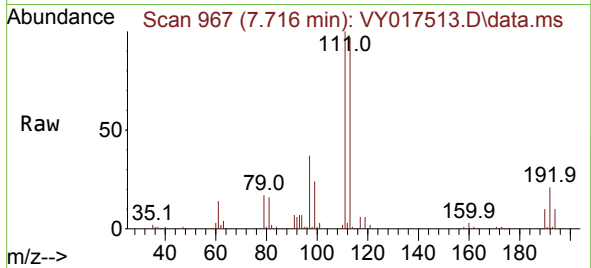




#35
Dibromofluoromethane
Concen: 43.026 ug/l
RT: 7.716 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY017513.D
Acq: 28 Feb 2024 11:45

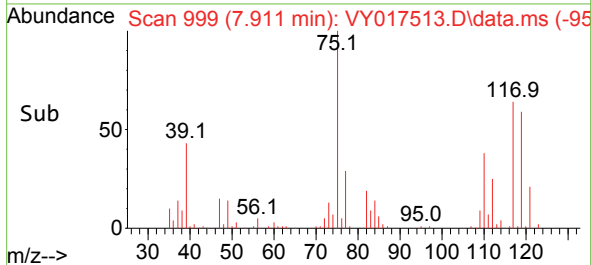
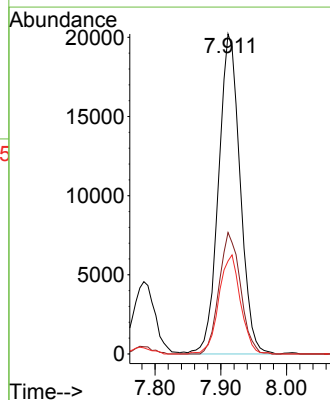
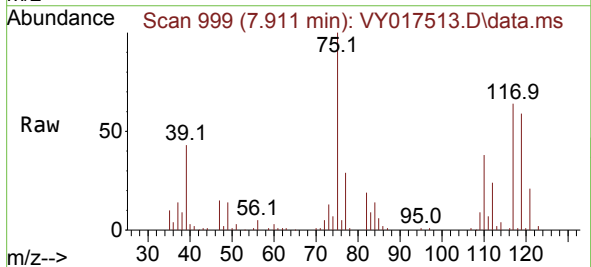
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

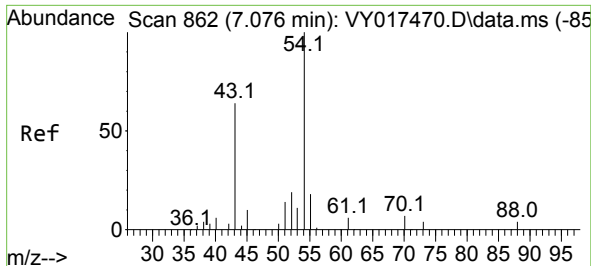
Tgt Ion:113 Resp: 70113
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.4
192 21.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 21.036 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY017513.D
Acq: 28 Feb 2024 11:45

Tgt Ion: 75 Resp: 46250
Ion Ratio Lower Upper
75 100
110 37.6 19.0 57.0
77 31.1 25.3 37.9

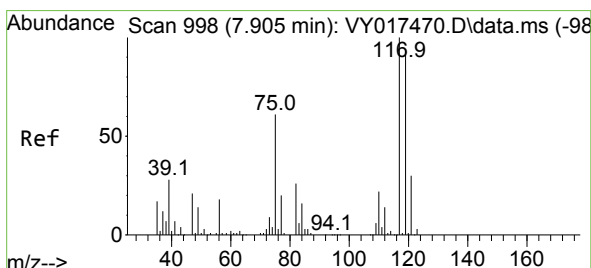
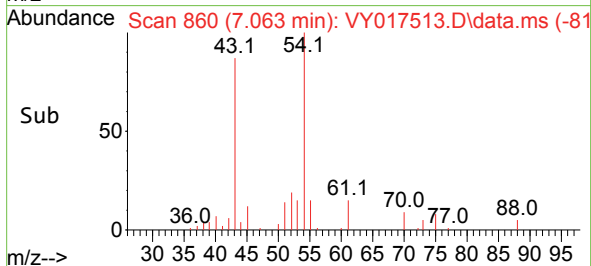
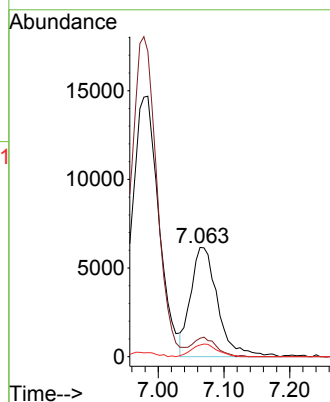
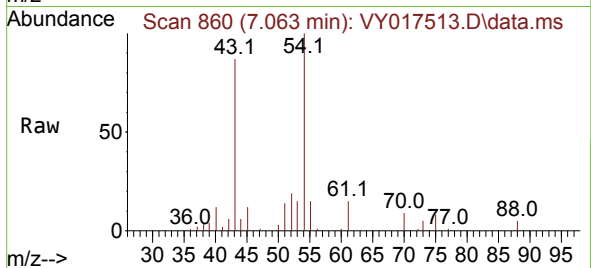




#37
Ethyl Acetate
Concen: 20.201 ug/l
RT: 7.063 min Scan# 860
Delta R.T. -0.012 min
Lab File: VY017513.D
Acq: 28 Feb 2024 11:45

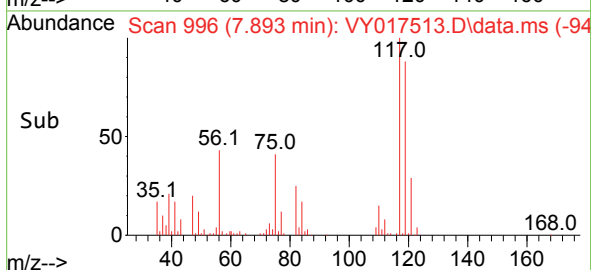
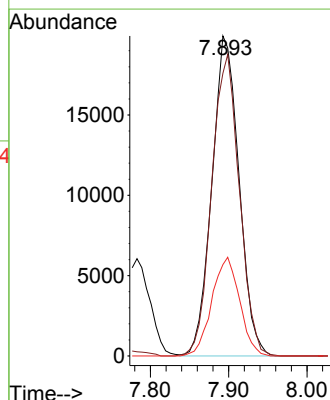
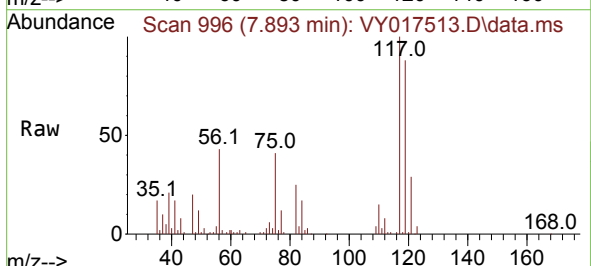
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

Tgt Ion: 43	Resp: 17542
Ion Ratio	Lower Upper
43 100	
61 15.8	12.6 19.0
70 10.9	7.8 11.8



#38
Carbon Tetrachloride
Concen: 21.768 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.012 min
Lab File: VY017513.D
Acq: 28 Feb 2024 11:45

Tgt Ion: 117	Resp: 47967
Ion Ratio	Lower Upper
117 100	
119 88.4	75.8 113.6
121 28.5	24.0 36.0





#39

Methylcyclohexane

Concen: 19.956 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017513.D

Acq: 28 Feb 2024 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

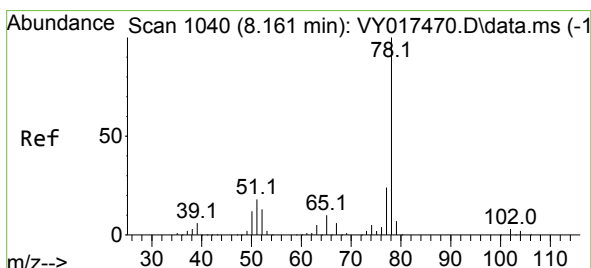
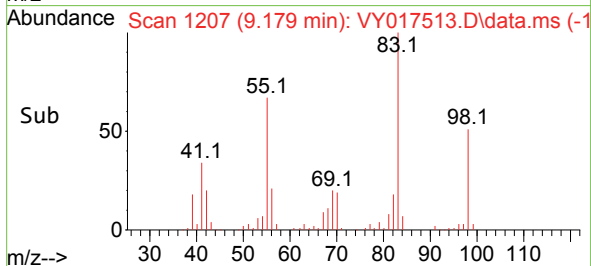
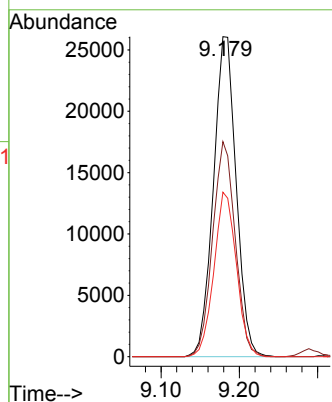
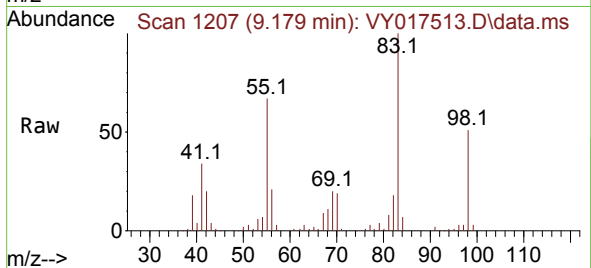
Tgt Ion: 83 Resp: 52730

Ion Ratio Lower Upper

83 100

55 67.2 51.5 77.3

98 51.4 40.5 60.7



#40

Benzene

Concen: 21.507 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY017513.D

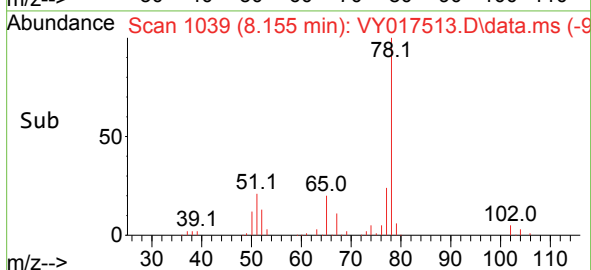
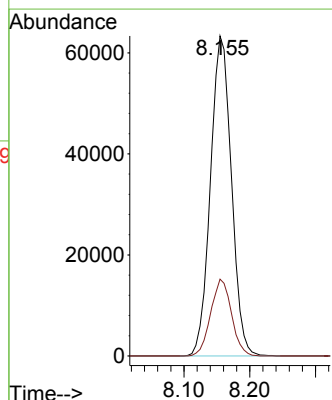
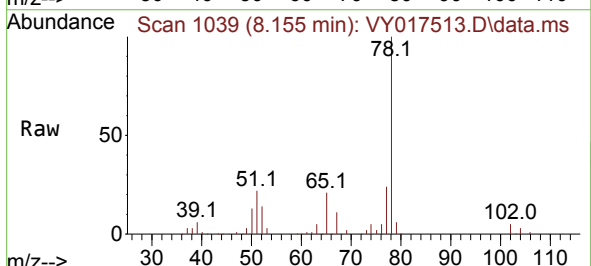
Acq: 28 Feb 2024 11:45

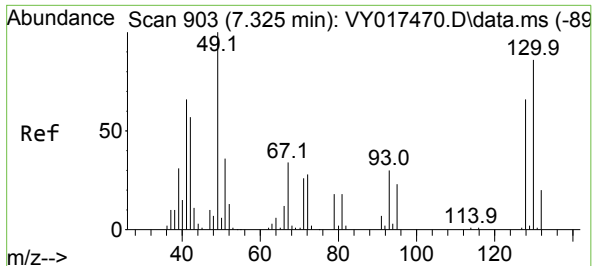
Tgt Ion: 78 Resp: 140429

Ion Ratio Lower Upper

78 100

77 24.0 19.5 29.3

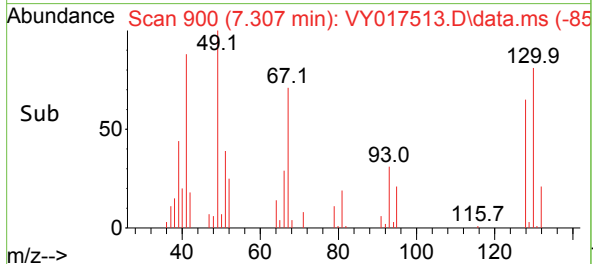
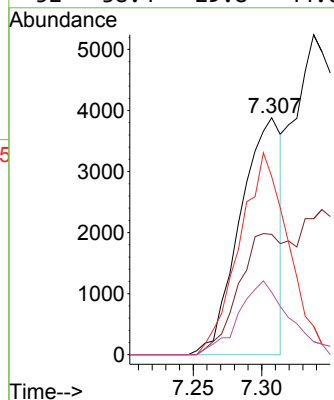
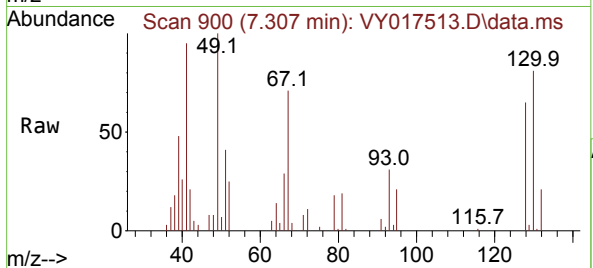




#41
Methacrylonitrile
Concen: 18.593 ug/l
RT: 7.307 min Scan# 903
Delta R.T. -0.018 min
Lab File: VY017513.D
Acq: 28 Feb 2024 11:45

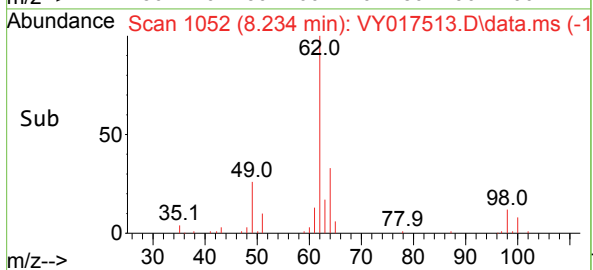
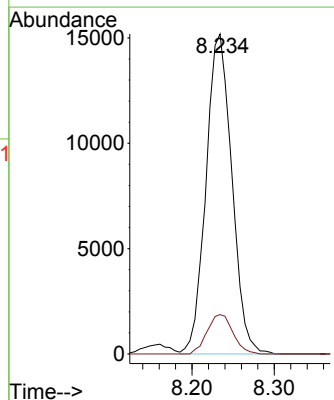
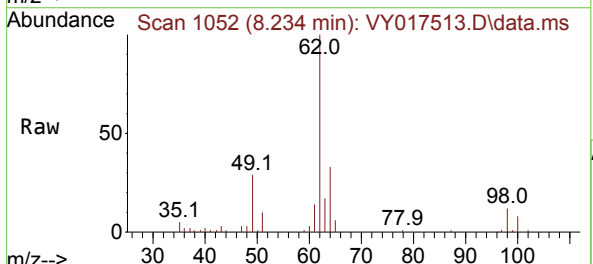
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

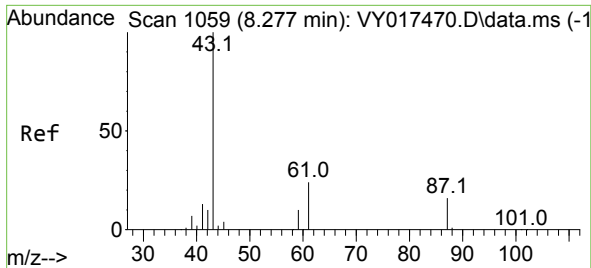
Tgt Ion:	41	Resp:	8102
Ion	Ratio	Lower	Upper
41	100		
39	52.4	48.0	72.0
67	103.2	75.1	112.7
52	38.4	29.8	44.6



#42
1,2-Dichloroethane
Concen: 20.834 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY017513.D
Acq: 28 Feb 2024 11:45

Tgt Ion:	62	Resp:	33190
Ion	Ratio	Lower	Upper
62	100		
98	12.3	0.0	22.0

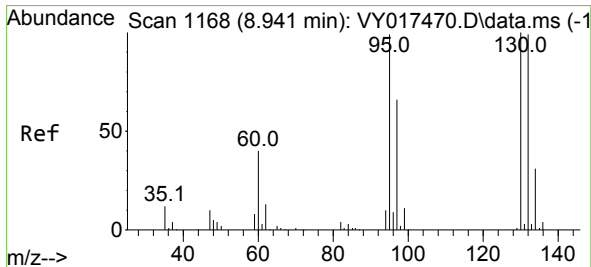
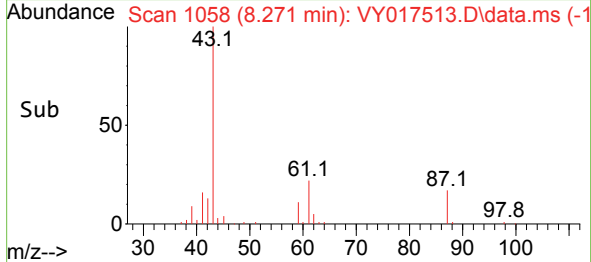
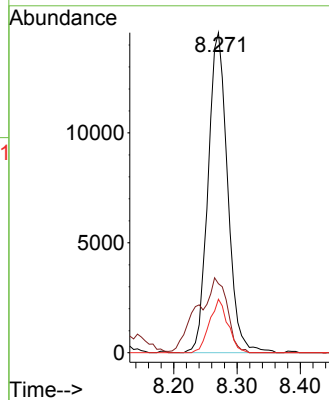
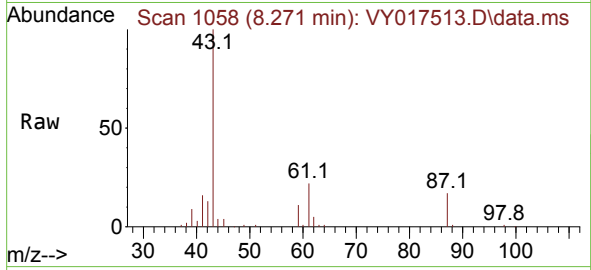




#43
Isopropyl Acetate
Concen: 20.455 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VY017513.D
Acq: 28 Feb 2024 11:45

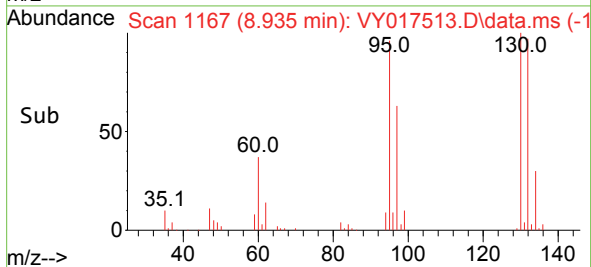
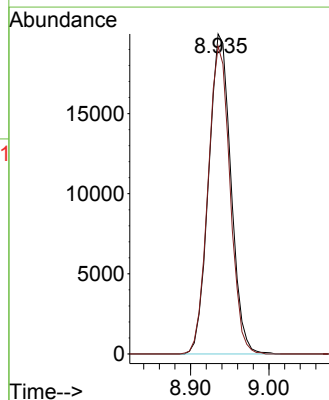
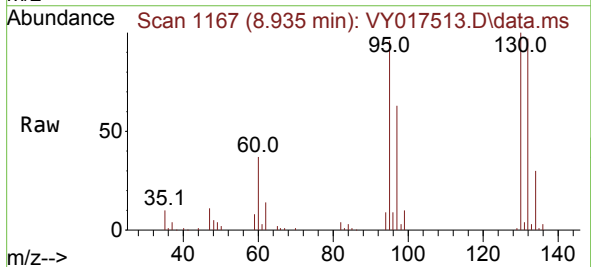
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

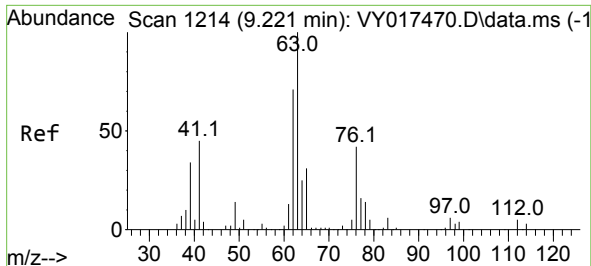
Tgt Ion: 43 Resp: 31213
Ion Ratio Lower Upper
43 100
61 35.7 27.9 41.9
87 15.7 13.1 19.7



#44
Trichloroethene
Concen: 20.969 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY017513.D
Acq: 28 Feb 2024 11:45

Tgt Ion:130 Resp: 39462
Ion Ratio Lower Upper
130 100
95 96.2 0.0 188.0

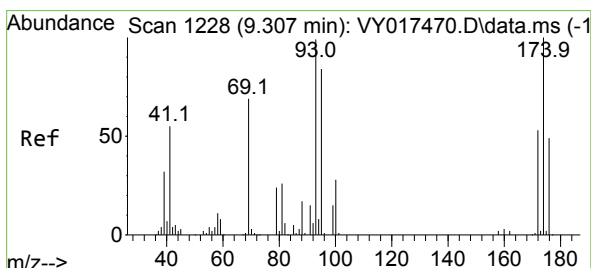
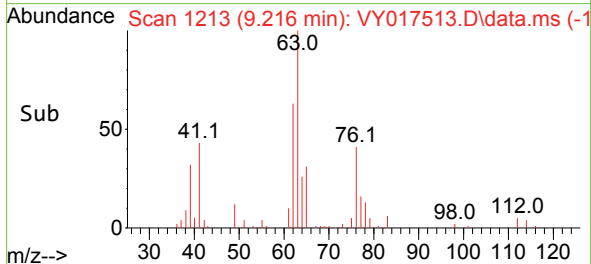
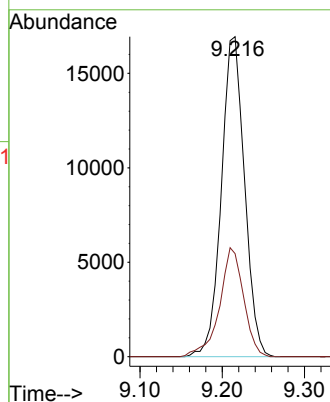
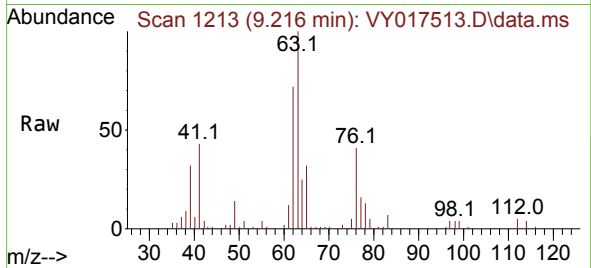




#45
1,2-Dichloropropane
Concen: 21.350 ug/l
RT: 9.216 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017513.D
Acq: 28 Feb 2024 11:45

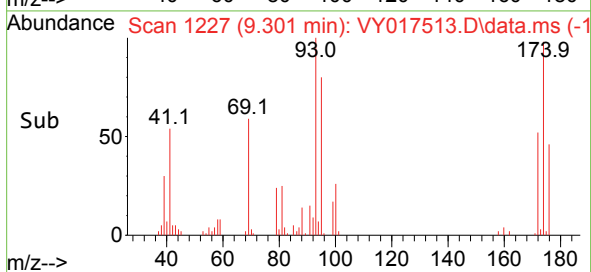
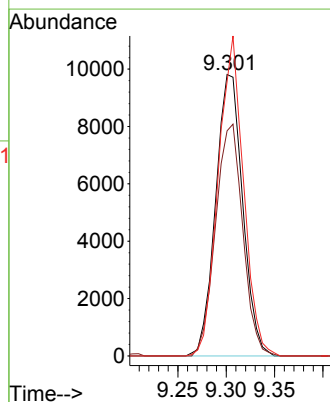
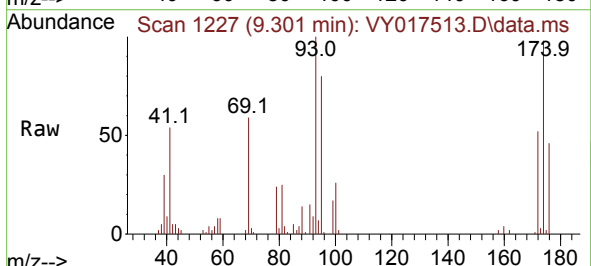
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

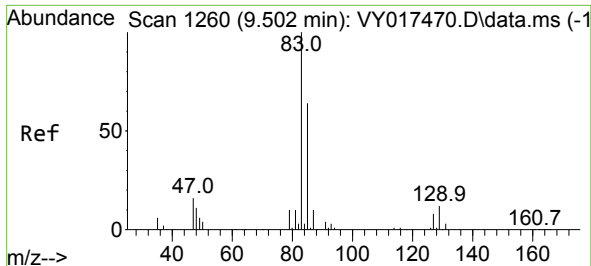
Tgt Ion: 63 Resp: 33165
Ion Ratio Lower Upper
63 100
65 32.2 25.4 38.2



#46
Dibromomethane
Concen: 21.450 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY017513.D
Acq: 28 Feb 2024 11:45

Tgt Ion: 93 Resp: 19070
Ion Ratio Lower Upper
93 100
95 82.8 66.2 99.4
174 106.1 80.9 121.3

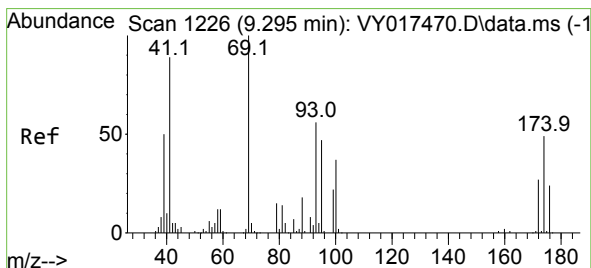
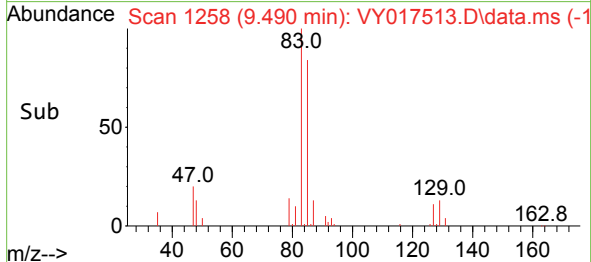
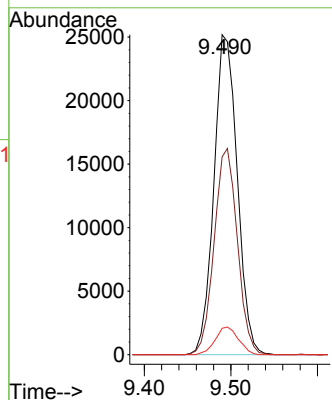
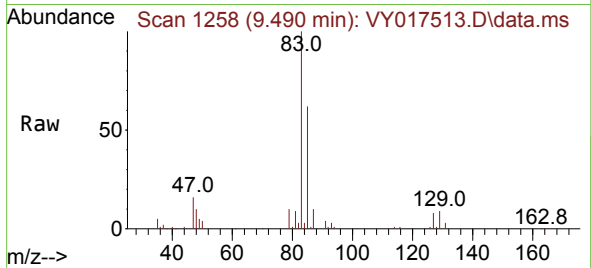




#47
Bromodichloromethane
Concen: 21.844 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.012 min
Lab File: VY017513.D
Acq: 28 Feb 2024 11:45

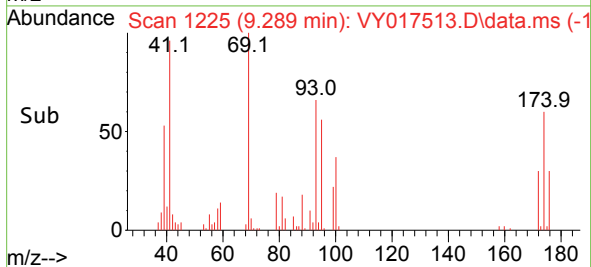
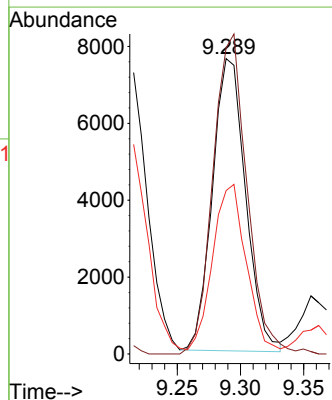
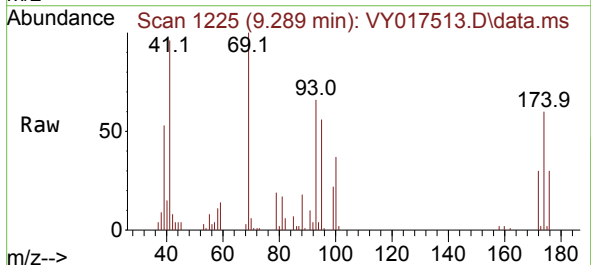
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

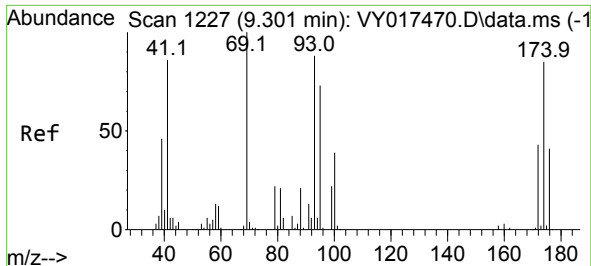
Tgt Ion: 83 Resp: 47154
Ion Ratio Lower Upper
83 100
85 61.8 50.1 75.1
127 8.3 7.4 11.0



#48
Methyl methacrylate
Concen: 19.652 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY017513.D
Acq: 28 Feb 2024 11:45

Tgt Ion: 41 Resp: 13881
Ion Ratio Lower Upper
41 100
69 112.1 84.1 126.1
39 59.5 43.6 65.4





#49

1,4-Dioxane

Concen: 422.710 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.006 min

Lab File: VY017513.D

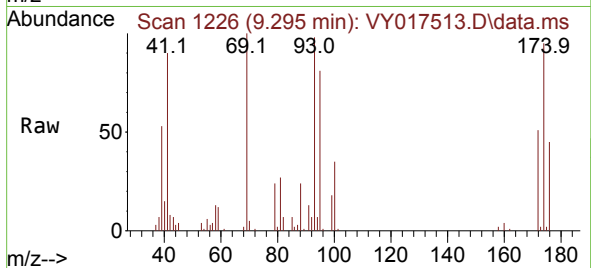
Acq: 28 Feb 2024 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01



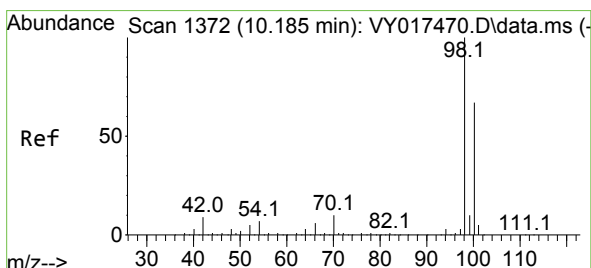
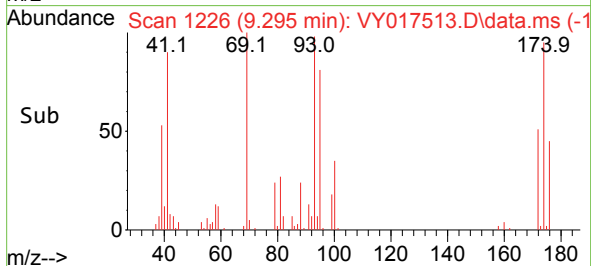
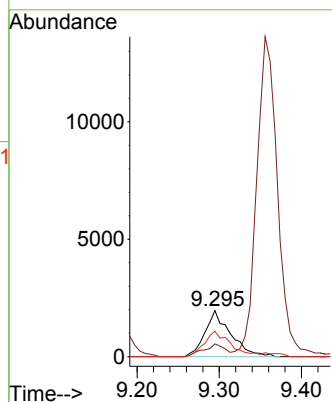
Tgt Ion: 88 Resp: 4253

Ion Ratio Lower Upper

88 100

43 23.1 0.0 0.0#

58 56.8 49.3 73.9



#50

Toluene-d8

Concen: 46.232 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY017513.D

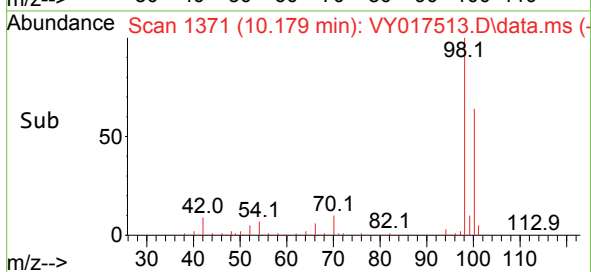
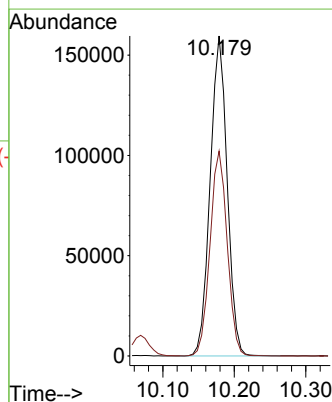
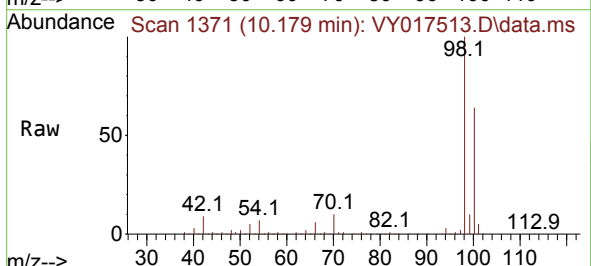
Acq: 28 Feb 2024 11:45

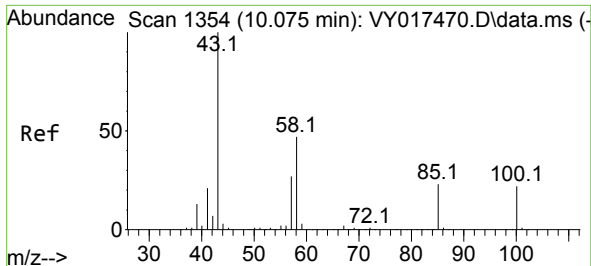
Tgt Ion: 98 Resp: 263410

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 100.651 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. -0.006 min

Lab File: VY017513.D

Acq: 28 Feb 2024 11:45

Instrument :

MSVOA_Y

ClientSampleId :

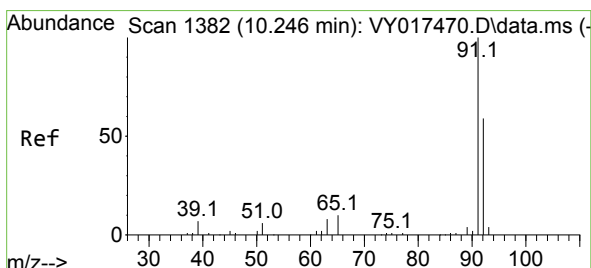
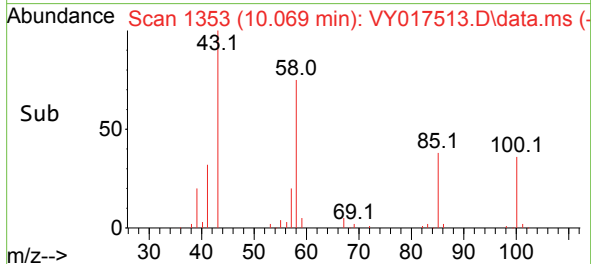
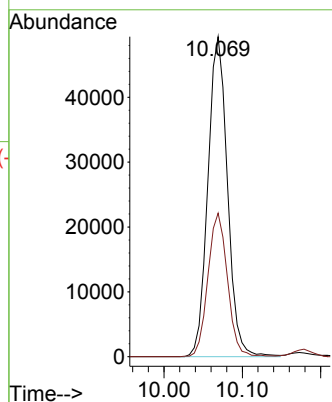
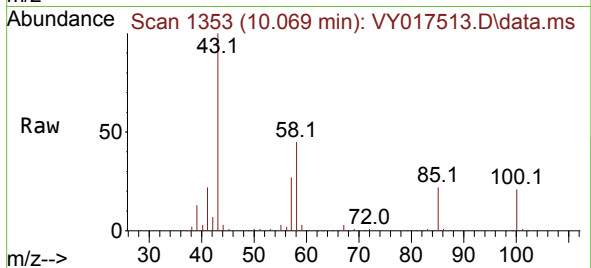
VY0228SBS01

Tgt Ion: 43 Resp: 85600

Ion Ratio Lower Upper

43 100

58 44.8 35.7 53.5



#52

Toluene

Concen: 21.780 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. -0.006 min

Lab File: VY017513.D

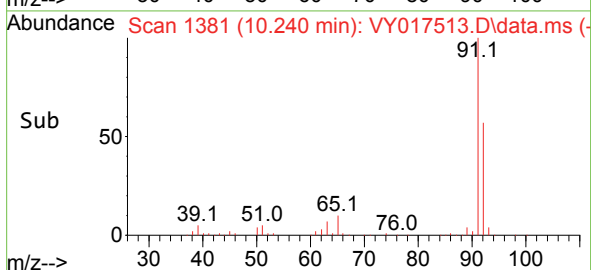
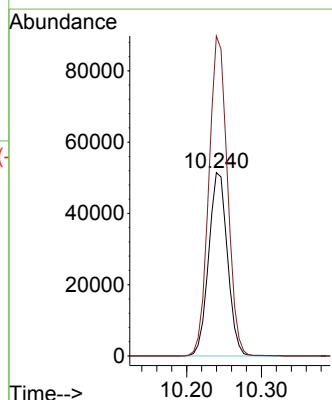
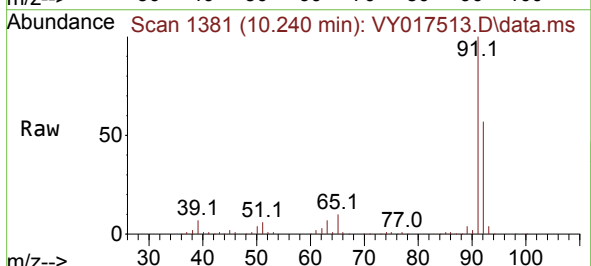
Acq: 28 Feb 2024 11:45

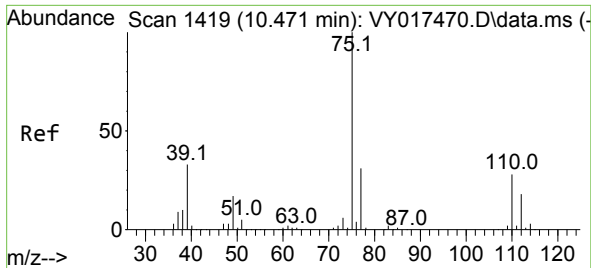
Tgt Ion: 92 Resp: 89651

Ion Ratio Lower Upper

92 100

91 172.9 139.0 208.6

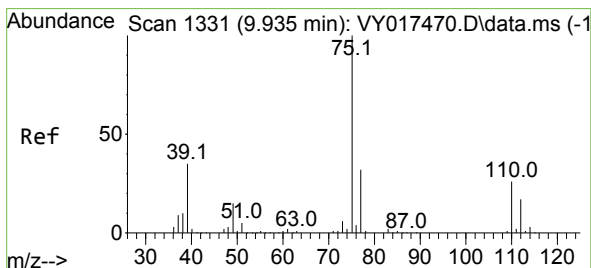
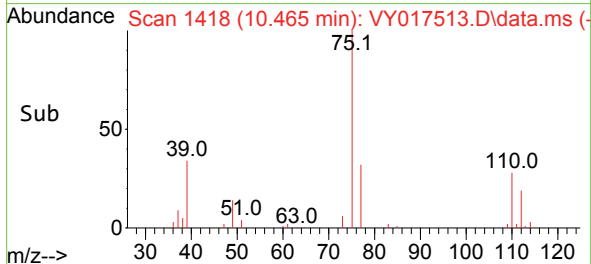
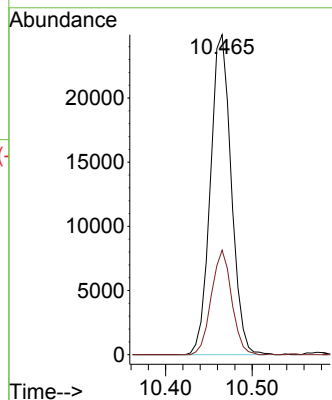
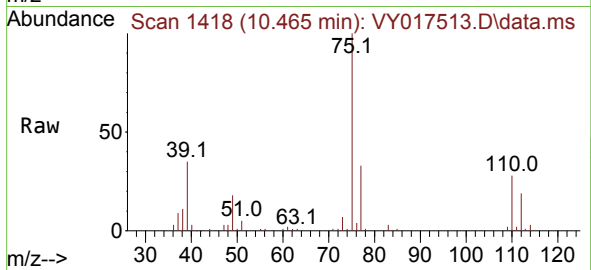




#53
 t-1,3-Dichloropropene
 Concen: 20.863 ug/l
 RT: 10.465 min Scan# 1419
 Delta R.T. -0.006 min
 Lab File: VY017513.D
 Acq: 28 Feb 2024 11:45

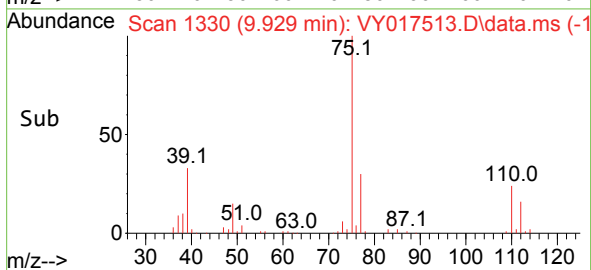
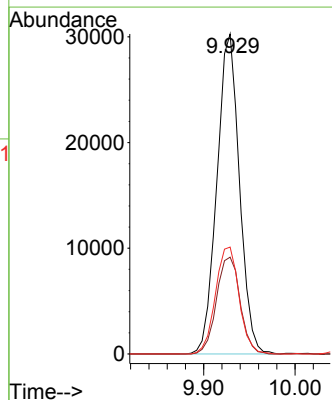
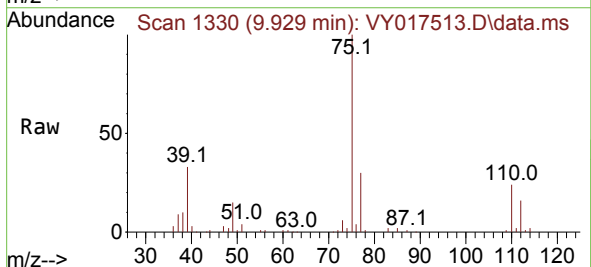
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0228SBS01

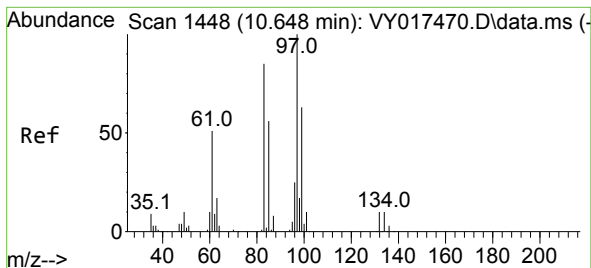
Tgt Ion: 75 Resp: 41801
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 21.289 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.006 min
 Lab File: VY017513.D
 Acq: 28 Feb 2024 11:45

Tgt Ion: 75 Resp: 51828
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.4 38.0
 39 33.4 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 21.519 ug/l

RT: 10.642 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY017513.D

Acq: 28 Feb 2024 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

Tgt Ion: 97 Resp: 27163

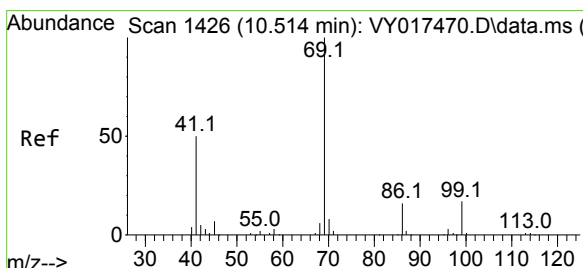
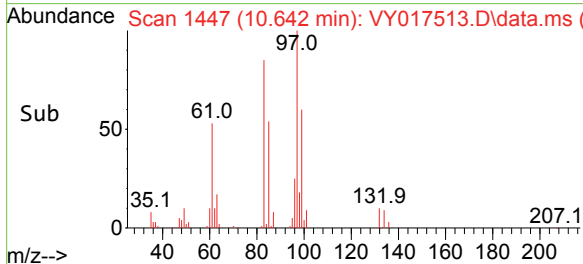
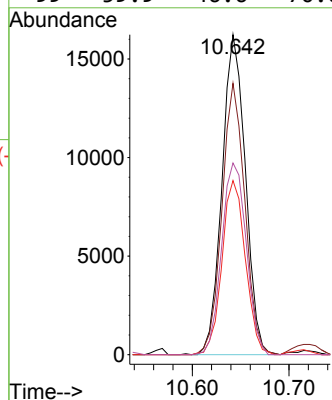
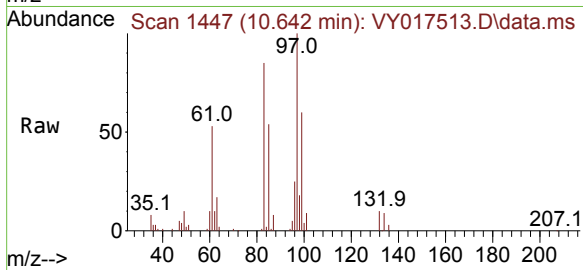
Ion Ratio Lower Upper

97 100

83 84.8 67.5 101.3

85 54.4 42.9 64.3

99 59.9 46.6 70.0



#56

Ethyl methacrylate

Concen: 20.200 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.006 min

Lab File: VY017513.D

Acq: 28 Feb 2024 11:45

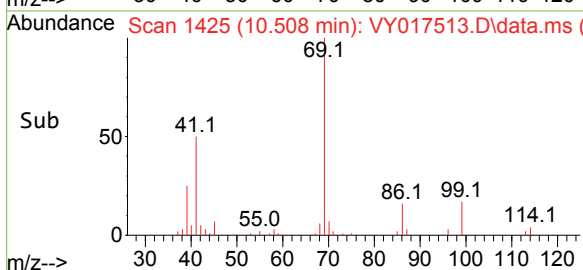
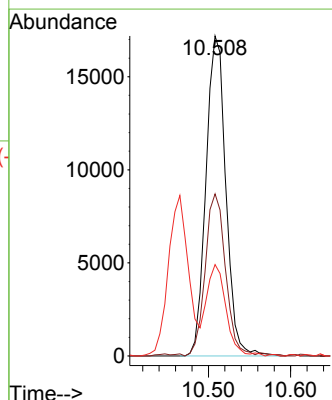
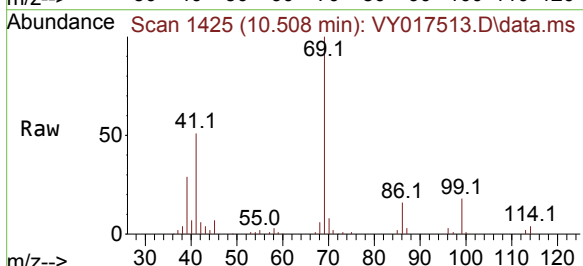
Tgt Ion: 69 Resp: 28894

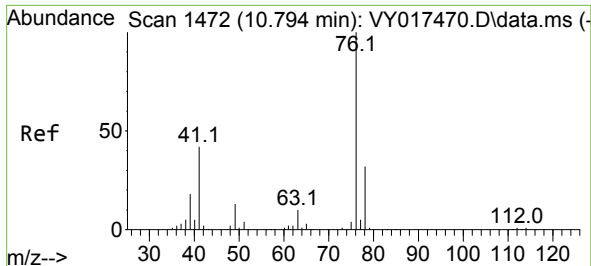
Ion Ratio Lower Upper

69 100

41 51.8 42.3 63.5

39 27.7 22.9 34.3

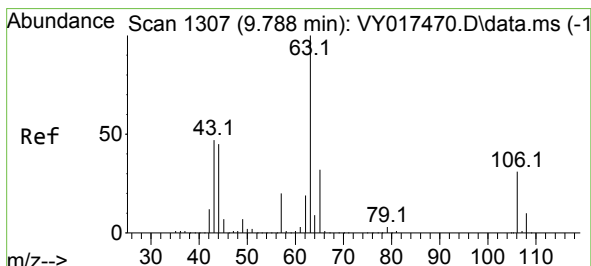
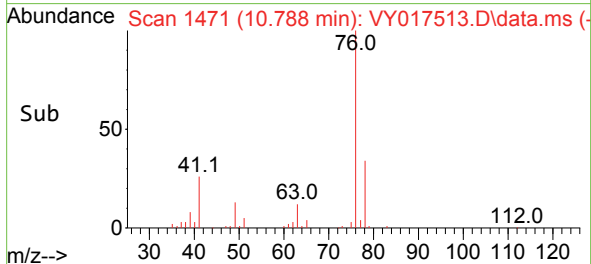
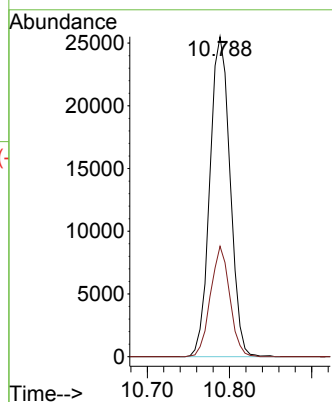
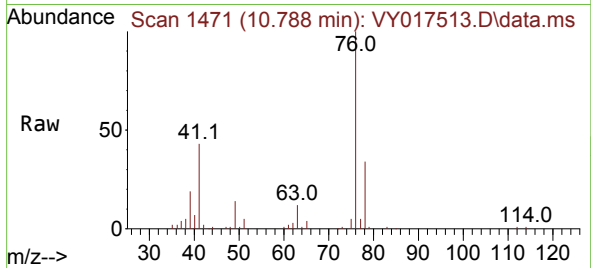




#57
1,3-Dichloropropane
Concen: 21.246 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VY017513.D
Acq: 28 Feb 2024 11:45

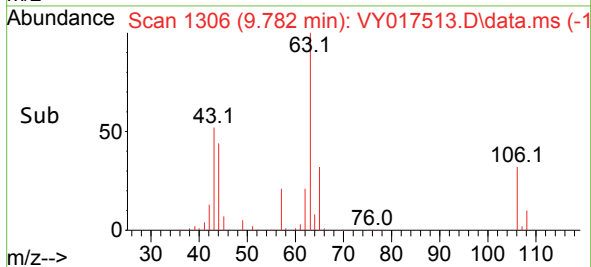
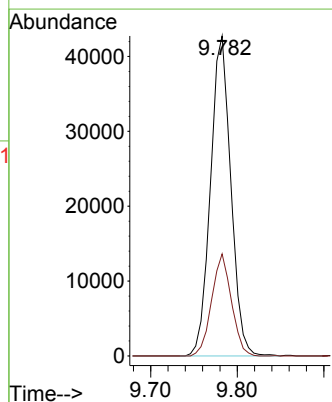
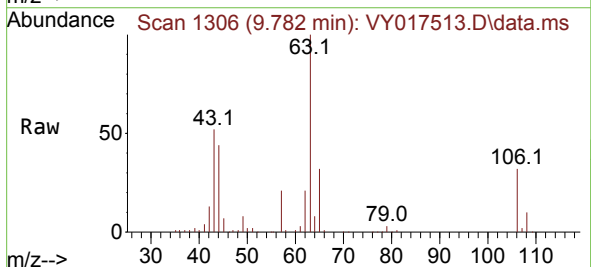
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

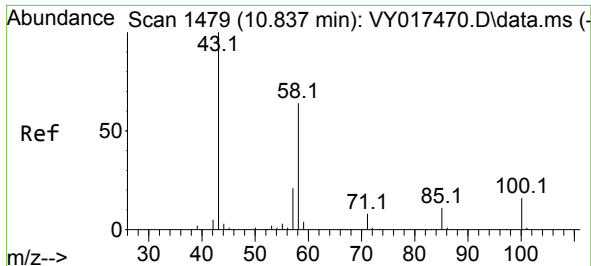
Tgt Ion: 76 Resp: 43602
Ion Ratio Lower Upper
76 100
78 32.9 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 95.757 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VY017513.D
Acq: 28 Feb 2024 11:45

Tgt Ion: 63 Resp: 69748
Ion Ratio Lower Upper
63 100
106 30.9 23.7 35.5

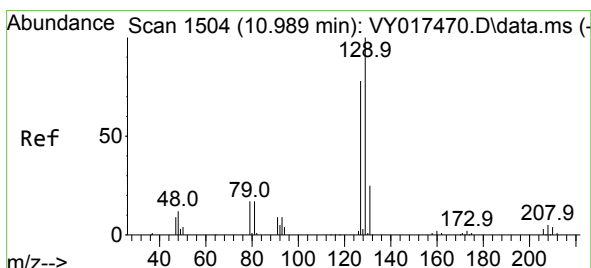
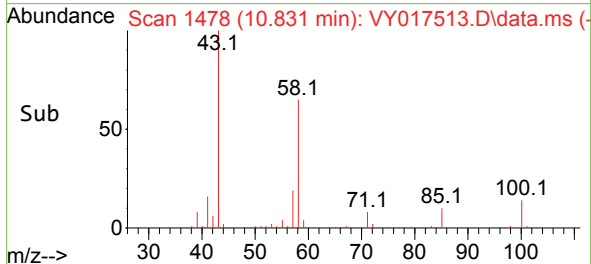
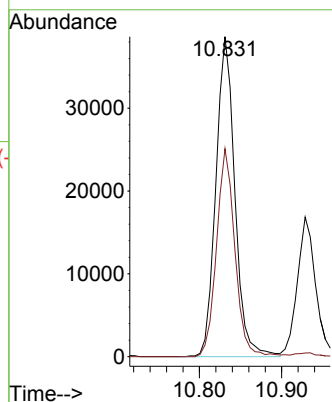
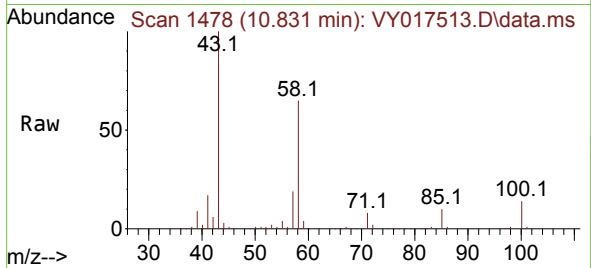




#59
2-Hexanone
Concen: 106.042 ug/l
RT: 10.831 min Scan# 1479
Delta R.T. -0.006 min
Lab File: VY017513.D
Acq: 28 Feb 2024 11:45

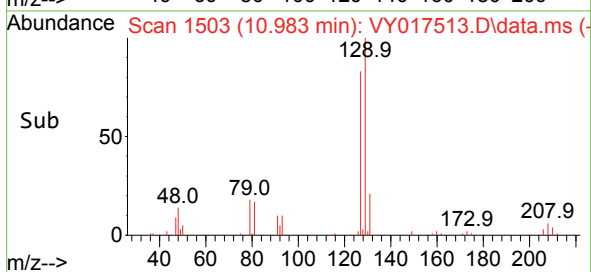
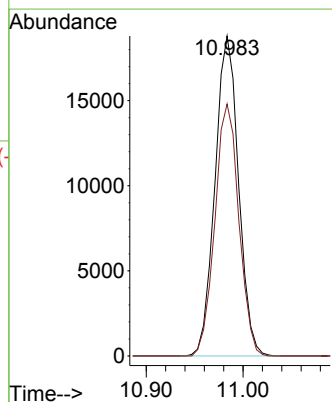
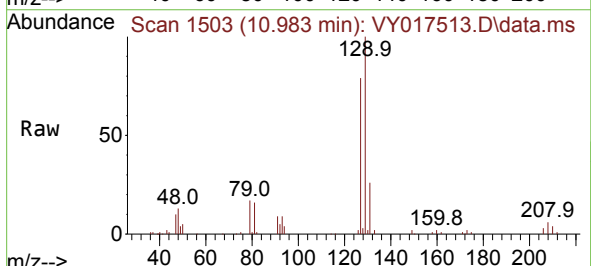
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

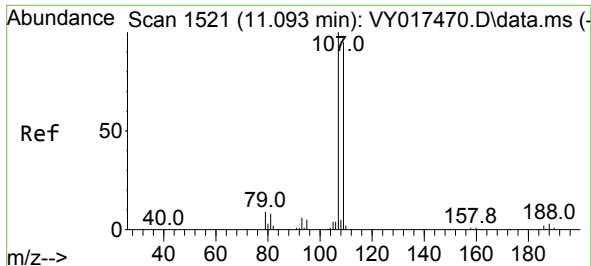
Tgt Ion: 43 Resp: 61946
Ion Ratio Lower Upper
43 100
58 62.8 31.4 94.0



#60
Dibromochloromethane
Concen: 21.252 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.006 min
Lab File: VY017513.D
Acq: 28 Feb 2024 11:45

Tgt Ion: 129 Resp: 31735
Ion Ratio Lower Upper
129 100
127 80.0 39.0 117.0

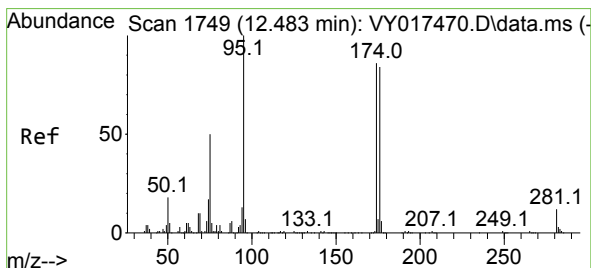
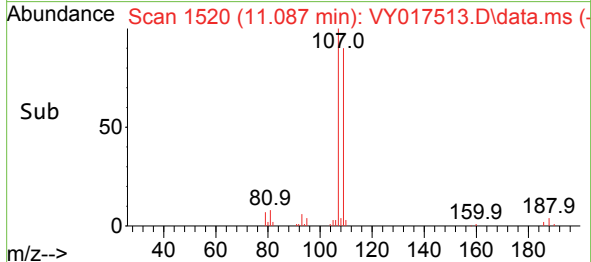
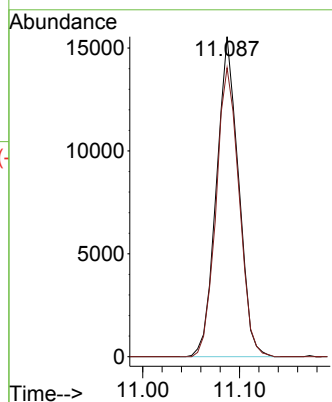
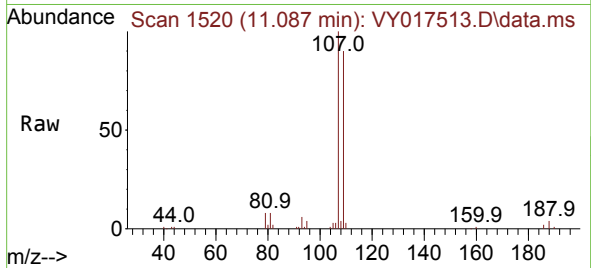




#61
1,2-Dibromoethane
Concen: 21.195 ug/l
RT: 11.087 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VY017513.D
Acq: 28 Feb 2024 11:45

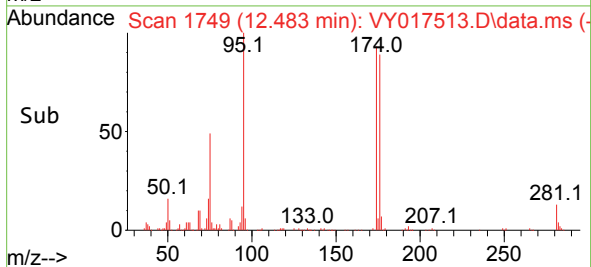
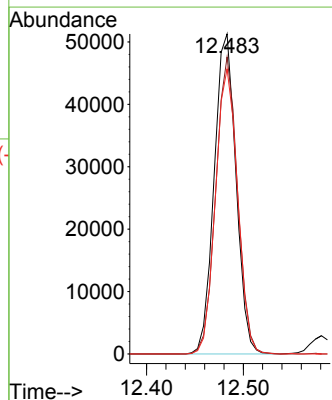
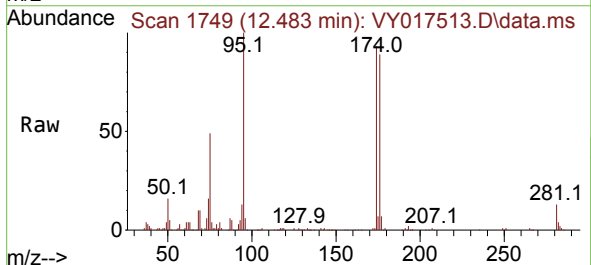
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

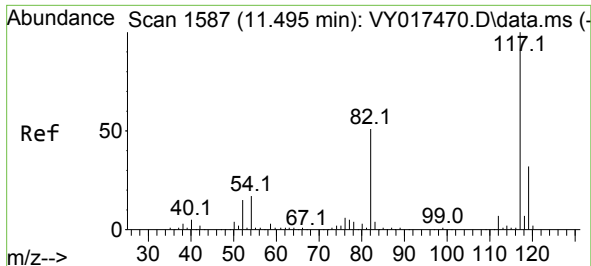
Tgt Ion:107 Resp: 24655
Ion Ratio Lower Upper
107 100
109 93.9 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 44.806 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017513.D
Acq: 28 Feb 2024 11:45

Tgt Ion: 95 Resp: 80228
Ion Ratio Lower Upper
95 100
174 92.3 0.0 175.6
176 90.4 0.0 171.4

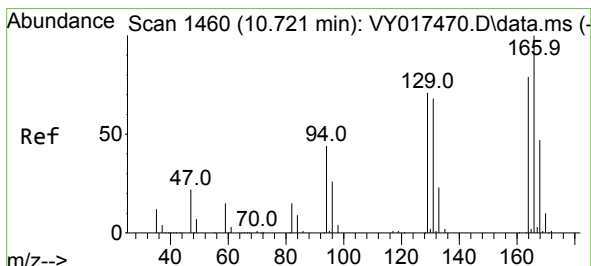
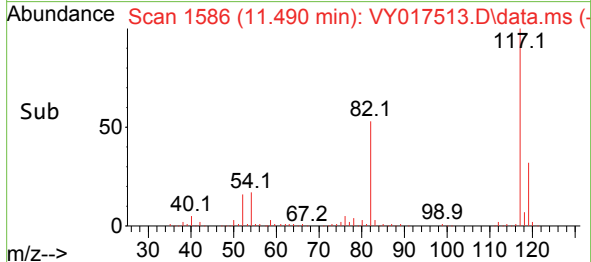
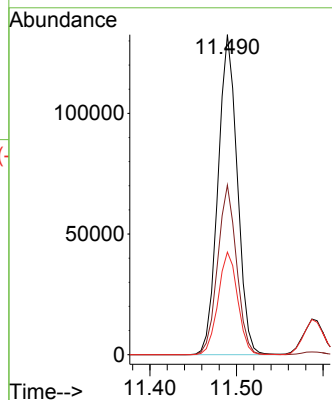
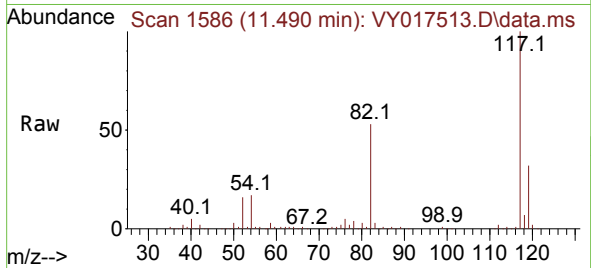




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017513.D
Acq: 28 Feb 2024 11:45

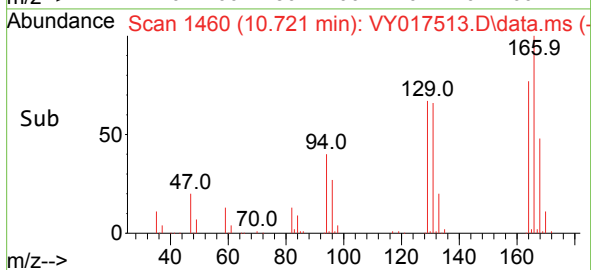
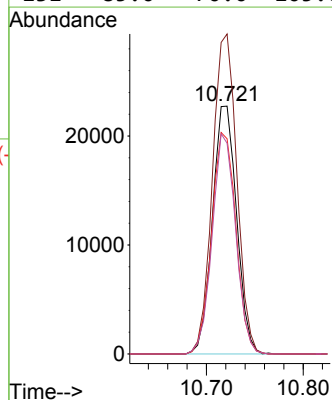
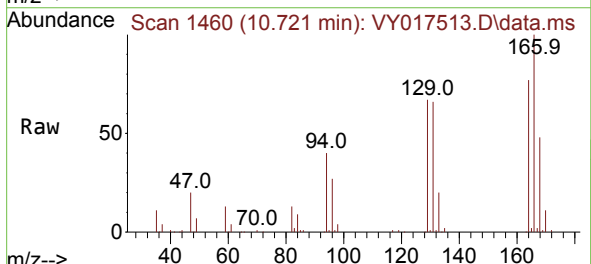
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

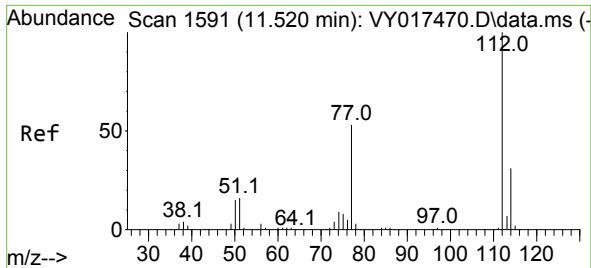
Tgt Ion:117 Resp: 205464
Ion Ratio Lower Upper
117 100
82 53.0 42.4 63.6
119 32.1 25.9 38.9



#64
Tetrachloroethene
Concen: 20.035 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY017513.D
Acq: 28 Feb 2024 11:45

Tgt Ion:164 Resp: 39510
Ion Ratio Lower Upper
164 100
166 129.1 102.6 154.0
129 86.8 72.0 108.0
131 85.0 70.0 105.0

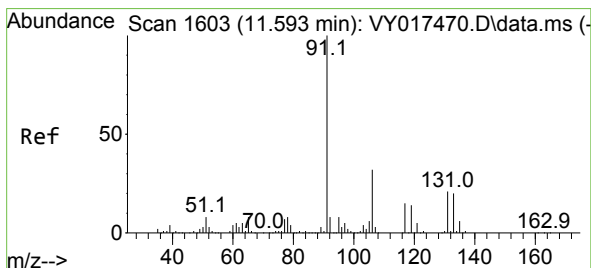
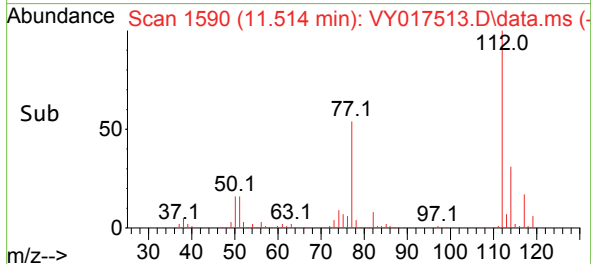
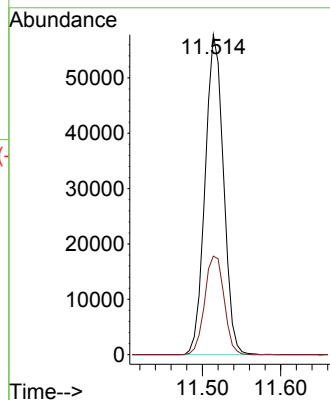
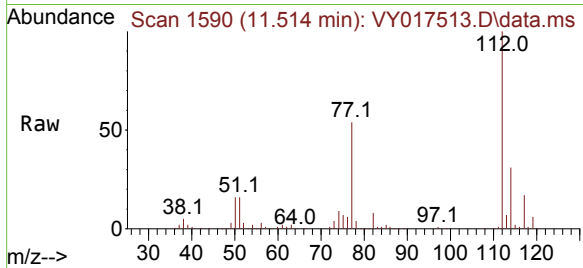




#65
Chlorobenzene
Concen: 21.579 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017513.D
Acq: 28 Feb 2024 11:45

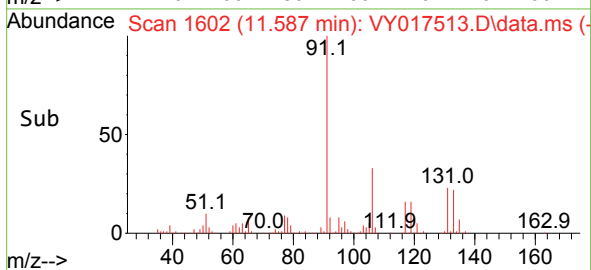
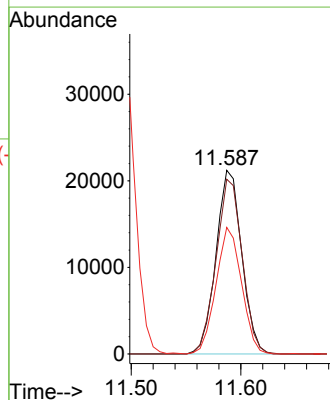
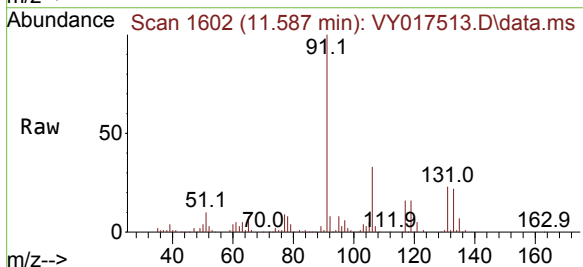
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

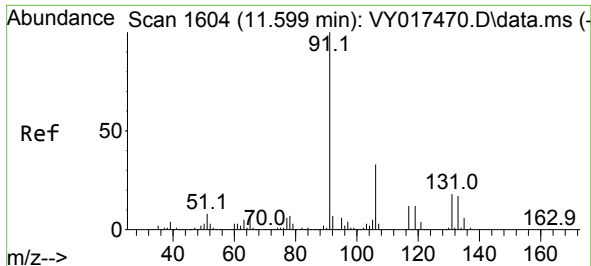
Tgt Ion:112 Resp: 94107
Ion Ratio Lower Upper
112 100
114 30.8 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.206 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY017513.D
Acq: 28 Feb 2024 11:45

Tgt Ion:131 Resp: 34647
Ion Ratio Lower Upper
131 100
133 96.9 47.8 143.3
119 68.3 34.1 102.2





#67

Ethyl Benzene

Concen: 21.211 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.006 min

Lab File: VY017513.D

Acq: 28 Feb 2024 11:45

Instrument :

MSVOA_Y

ClientSampleId :

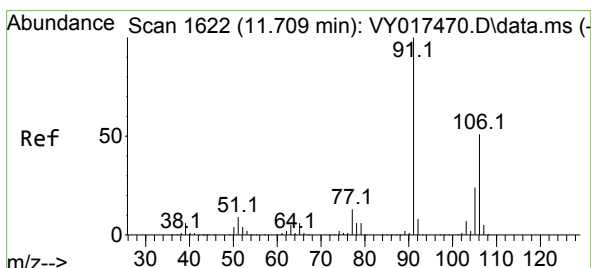
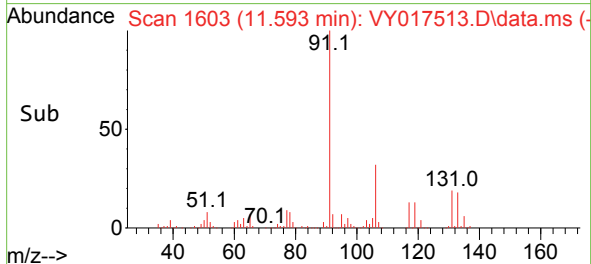
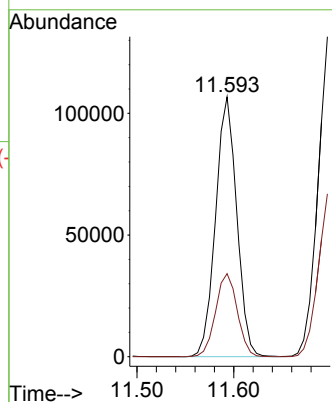
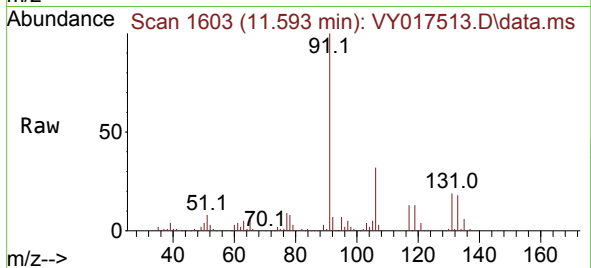
VY0228SBS01

Tgt Ion: 91 Resp: 162229

Ion Ratio Lower Upper

91 100

106 32.0 24.5 36.7



#68

m/p-Xylenes

Concen: 43.226 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.006 min

Lab File: VY017513.D

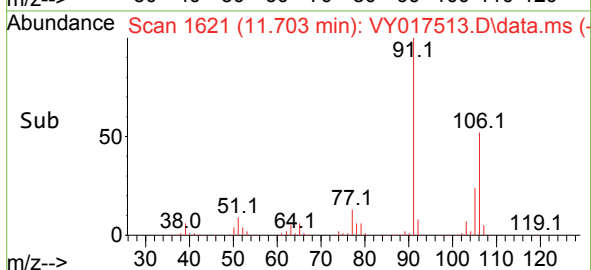
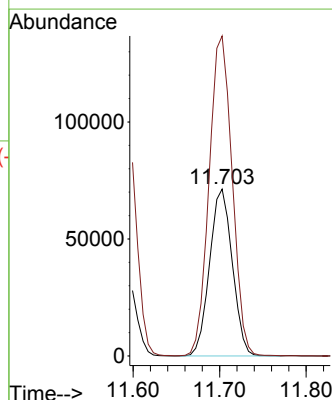
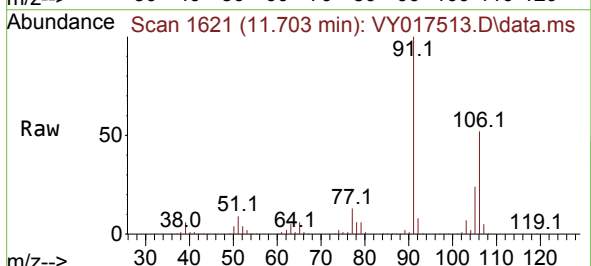
Acq: 28 Feb 2024 11:45

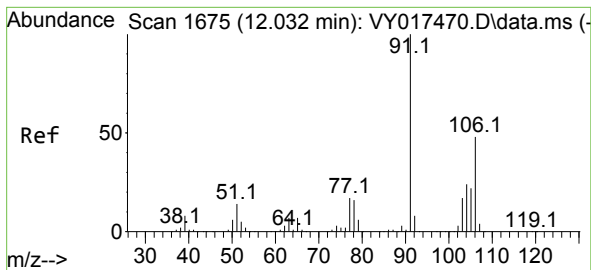
Tgt Ion:106 Resp: 129908

Ion Ratio Lower Upper

106 100

91 195.1 156.0 234.0





#69

o-Xylene

Concen: 21.456 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017513.D

Acq: 28 Feb 2024 11:45

Instrument :

MSVOA_Y

ClientSampleId :

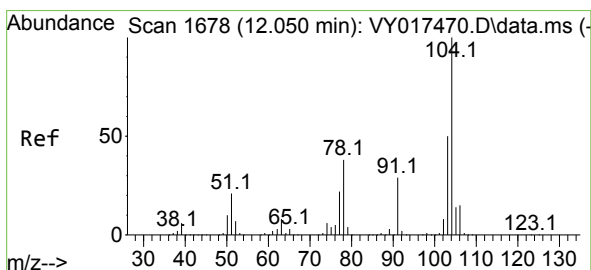
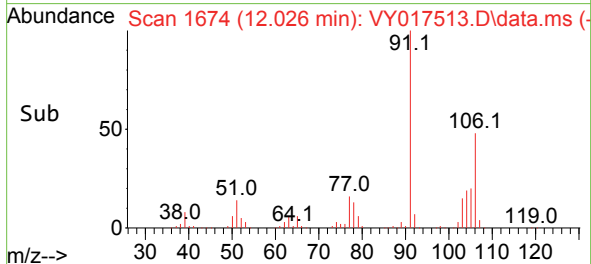
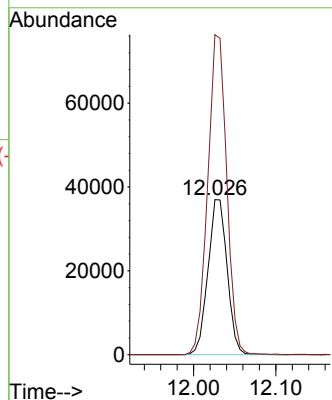
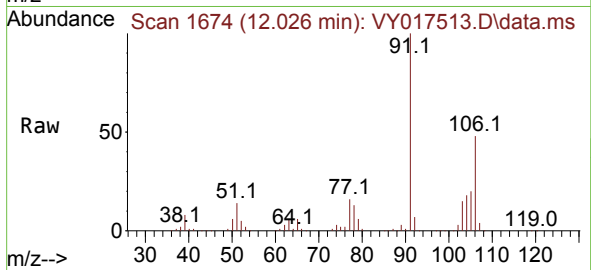
VY0228SBS01

Tgt Ion:106 Resp: 59824

Ion Ratio Lower Upper

106 100

91 204.4 103.6 310.8



#70

Styrene

Concen: 21.500 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.006 min

Lab File: VY017513.D

Acq: 28 Feb 2024 11:45

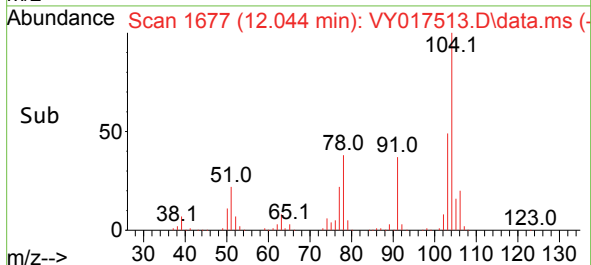
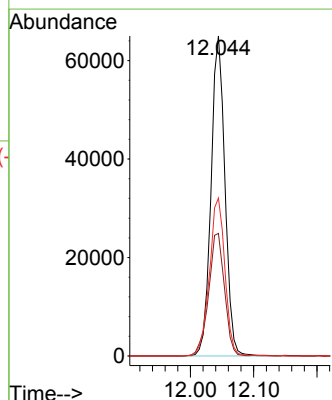
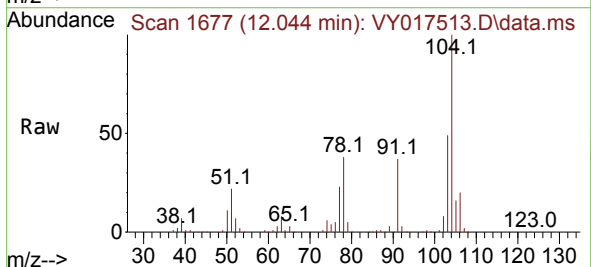
Tgt Ion:104 Resp: 99504

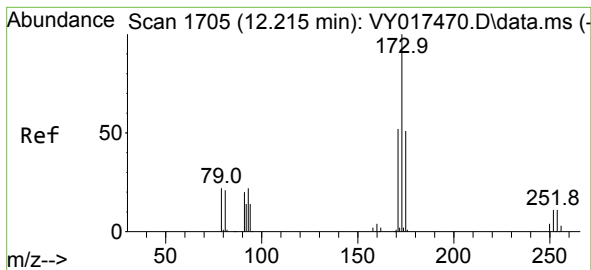
Ion Ratio Lower Upper

104 100

78 43.6 37.0 55.4

103 55.0 44.2 66.2





#71

Bromoform

Concen: 21.415 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.006 min

Lab File: VY017513.D

Acq: 28 Feb 2024 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

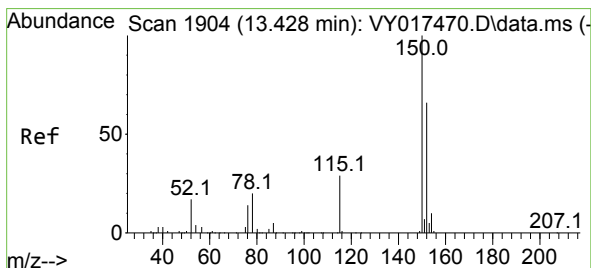
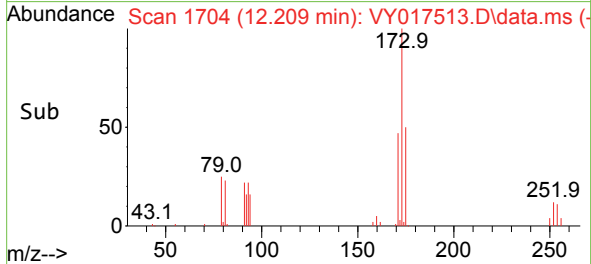
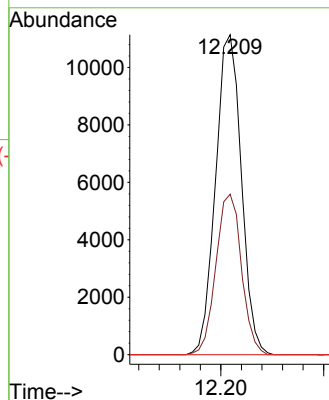
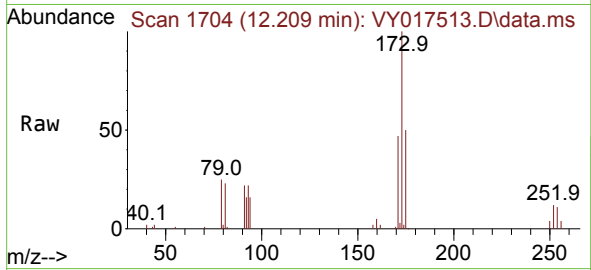
Tgt Ion:173 Resp: 19389

Ion Ratio Lower Upper

173 100

175 49.7 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY017513.D

Acq: 28 Feb 2024 11:45

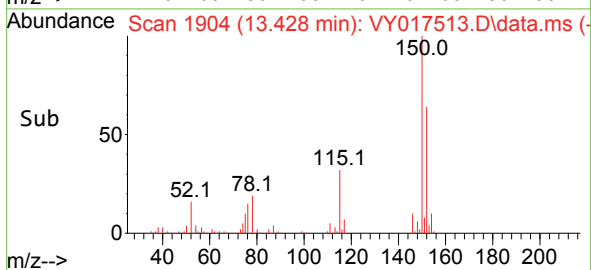
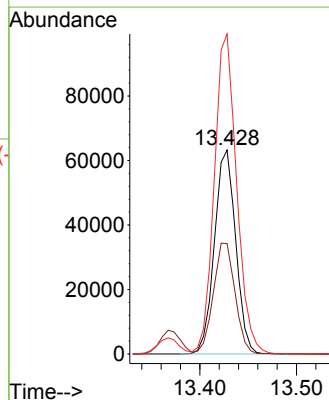
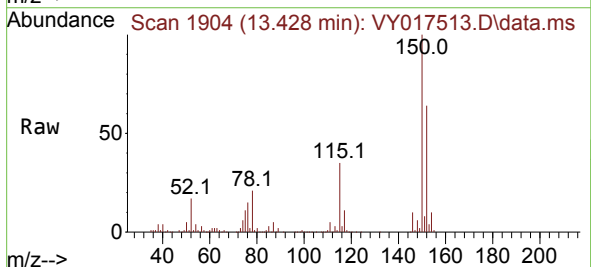
Tgt Ion:152 Resp: 96577

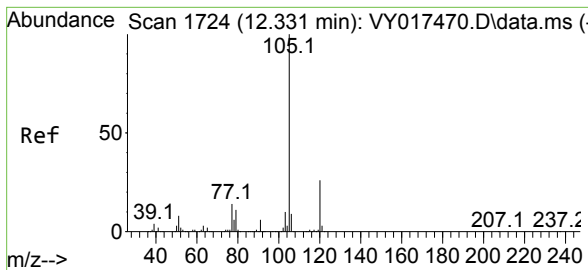
Ion Ratio Lower Upper

152 100

115 55.6 28.2 84.7

150 164.9 0.0 345.6

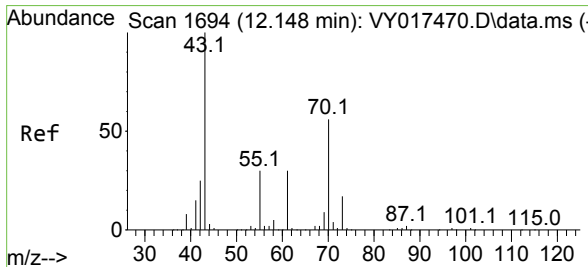
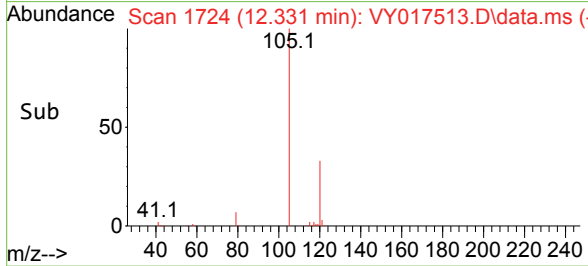
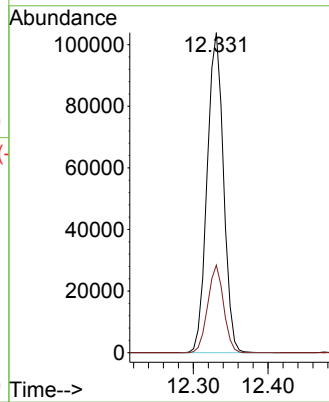
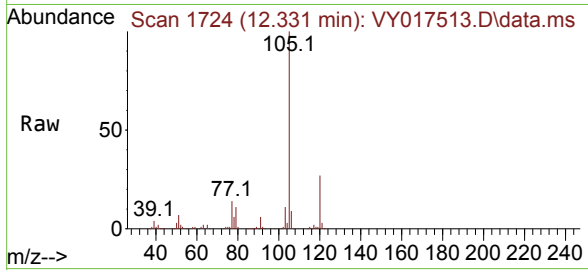




#73
Isopropylbenzene
Concen: 21.950 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017513.D
Acq: 28 Feb 2024 11:45

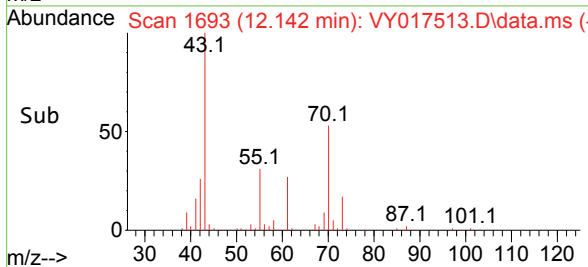
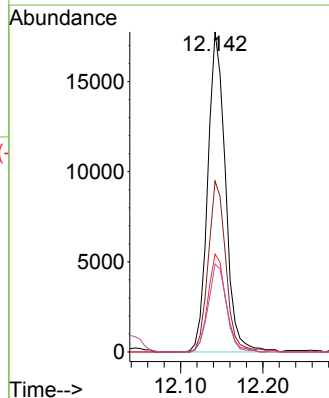
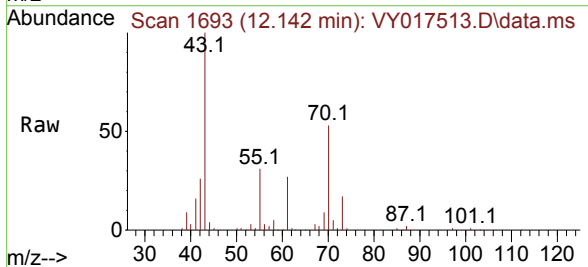
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

Tgt Ion:105 Resp: 157494
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.1



#74
N-ethyl acetate
Concen: 20.970 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VY017513.D
Acq: 28 Feb 2024 11:45

Tgt Ion: 43 Resp: 26537
Ion Ratio Lower Upper
43 100
70 53.3 41.4 62.2
55 31.0 23.3 34.9
61 28.2 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 22.497 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.006 min

Lab File: VY017513.D

Acq: 28 Feb 2024 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

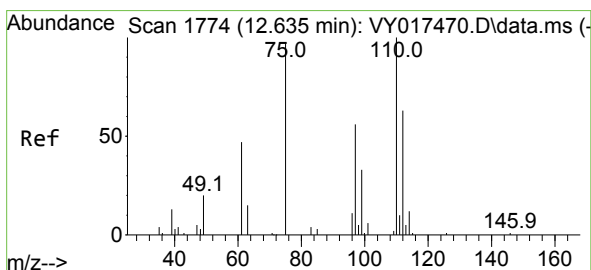
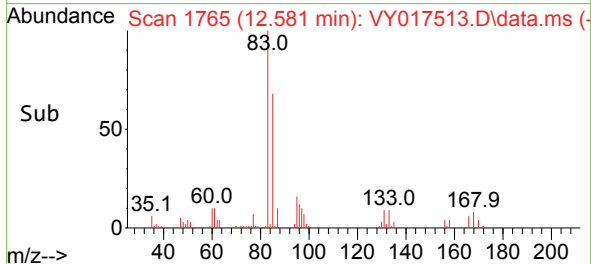
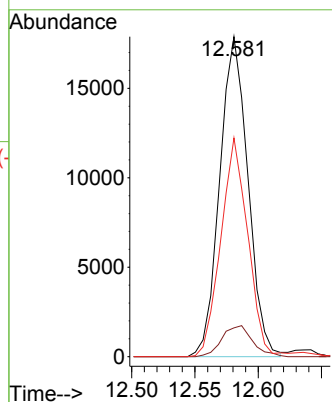
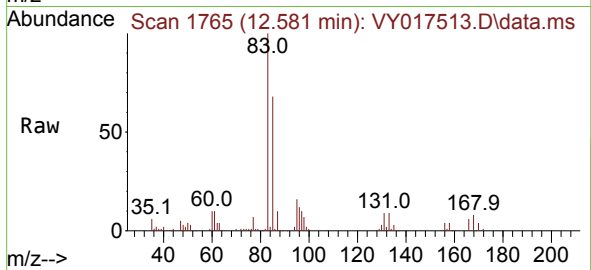
Tgt Ion: 83 Resp: 27719

Ion Ratio Lower Upper

83 100

131 10.5 5.0 14.9

85 65.5 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 36.713 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY017513.D

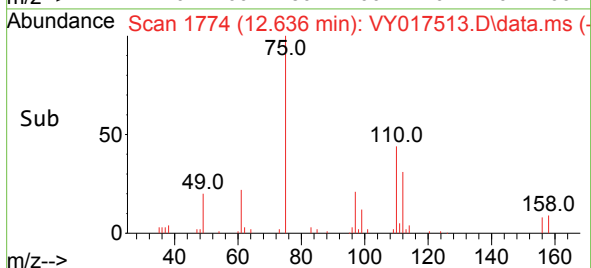
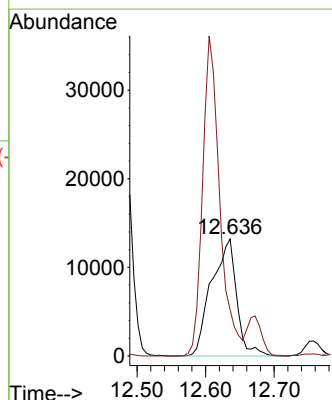
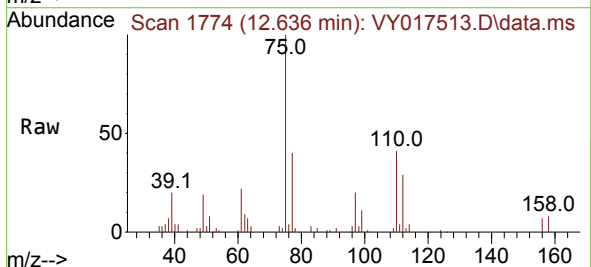
Acq: 28 Feb 2024 11:45

Tgt Ion: 75 Resp: 33689

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.906 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY017513.D

Acq: 28 Feb 2024 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

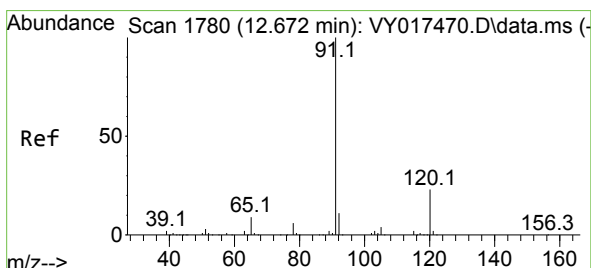
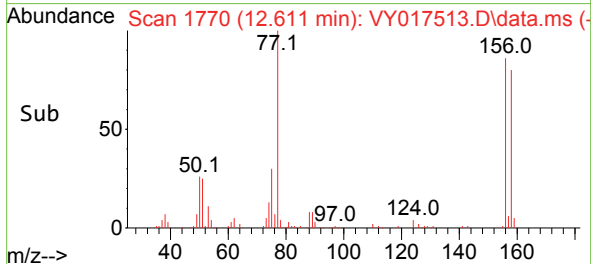
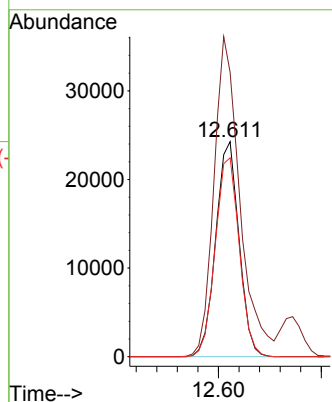
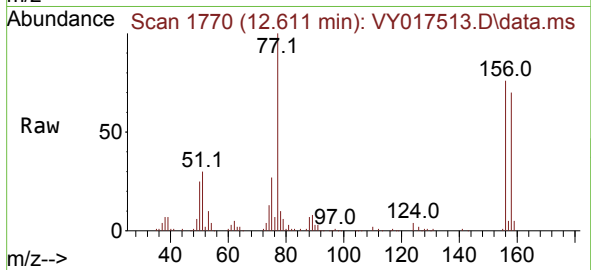
Tgt Ion:156 Resp: 38063

Ion Ratio Lower Upper

156 100

77 166.1 87.1 261.3

158 95.7 48.6 145.9



#78

n-propylbenzene

Concen: 22.198 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY017513.D

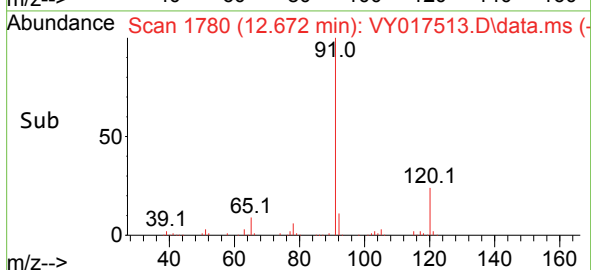
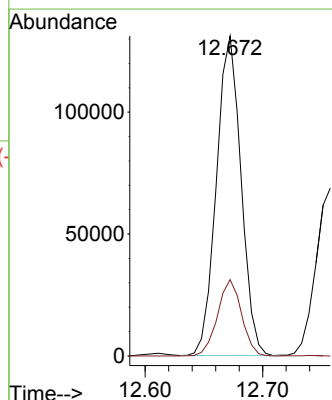
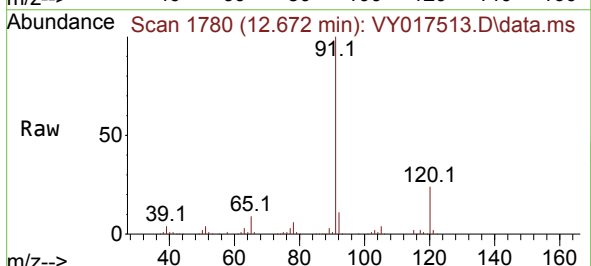
Acq: 28 Feb 2024 11:45

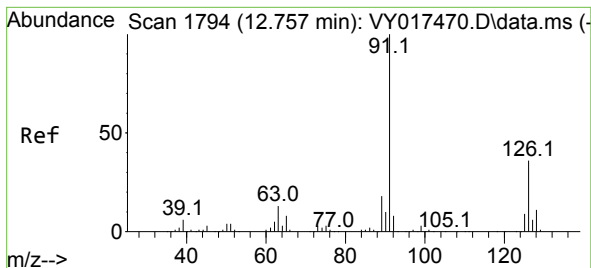
Tgt Ion: 91 Resp: 191109

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.4

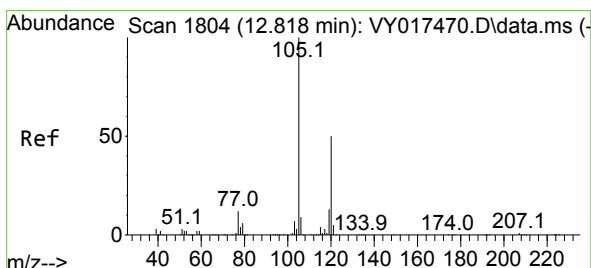
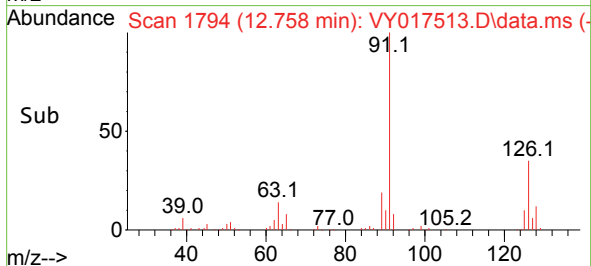
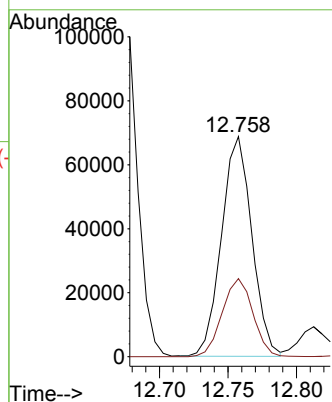
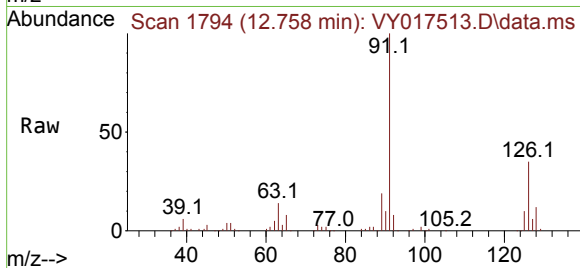




#79
2-Chlorotoluene
Concen: 22.017 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017513.D
Acq: 28 Feb 2024 11:45

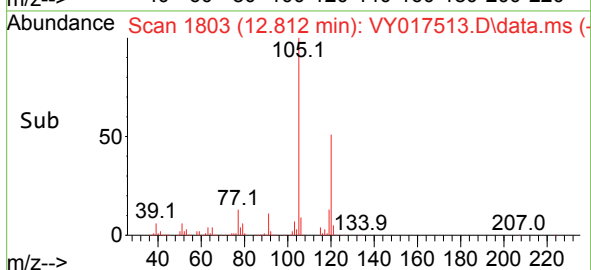
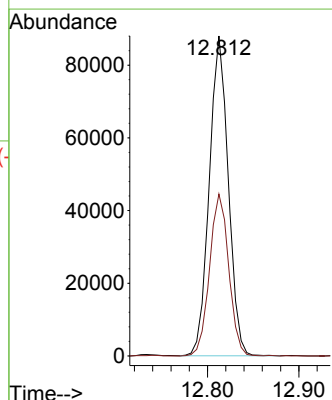
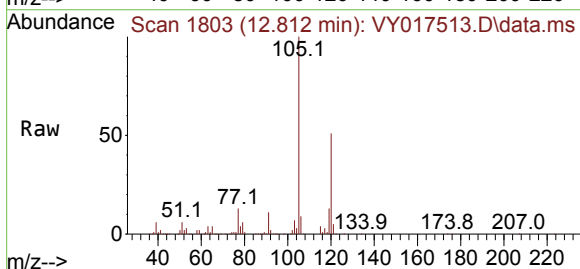
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

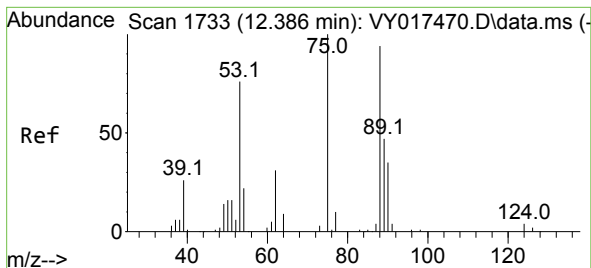
Tgt Ion: 91 Resp: 106127
Ion Ratio Lower Upper
91 100
126 35.9 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 22.087 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VY017513.D
Acq: 28 Feb 2024 11:45

Tgt Ion:105 Resp: 126964
Ion Ratio Lower Upper
105 100
120 51.1 25.1 75.2

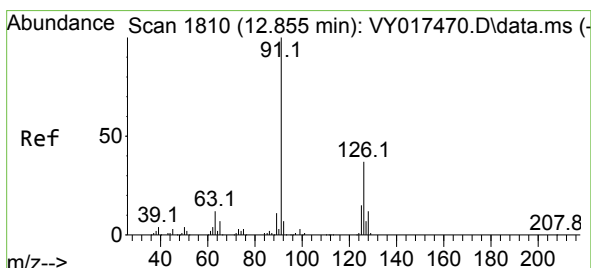
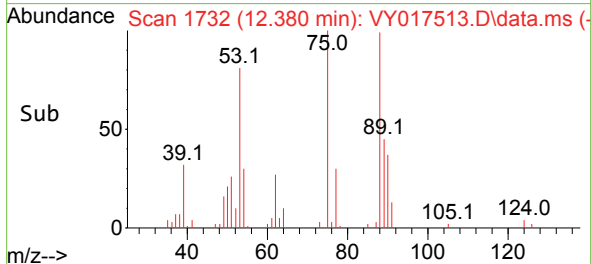
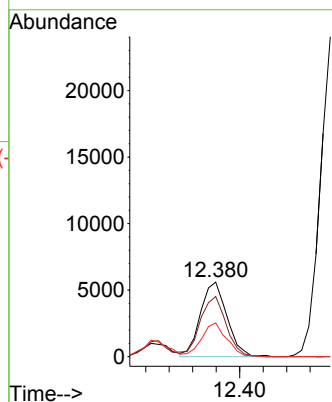
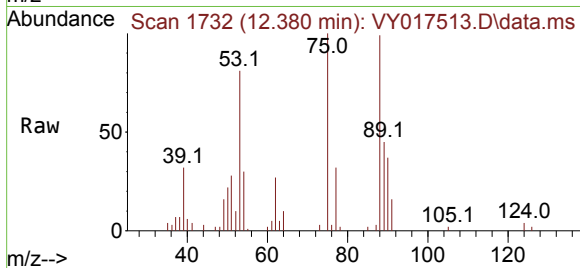




#81
trans-1,4-Dichloro-2-butene
Concen: 22.031 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017513.D
Acq: 28 Feb 2024 11:45

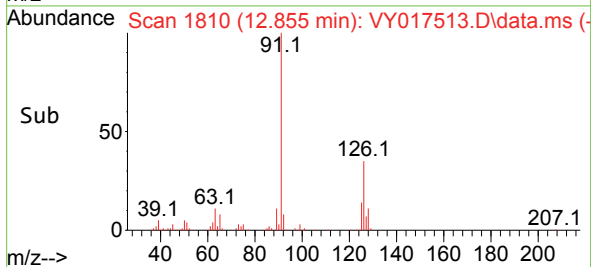
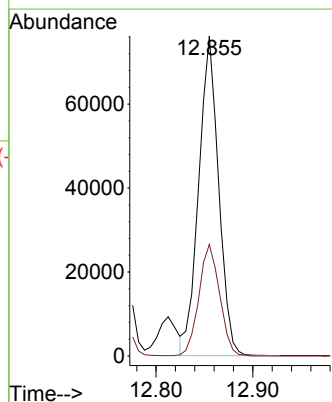
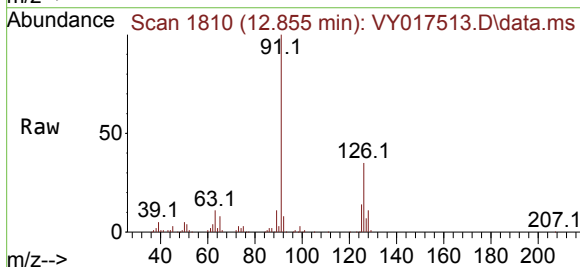
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

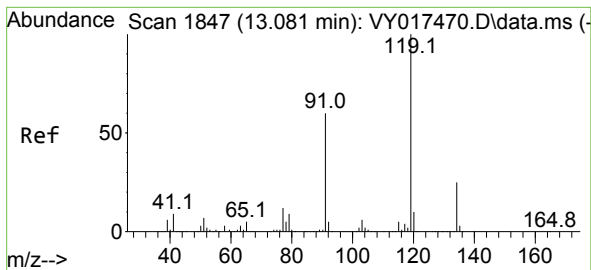
Tgt Ion: 75 Resp: 8798
Ion Ratio Lower Upper
75 100
53 80.2 66.8 100.2
89 43.0 35.8 53.6



#82
4-Chlorotoluene
Concen: 22.099 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY017513.D
Acq: 28 Feb 2024 11:45

Tgt Ion: 91 Resp: 108952
Ion Ratio Lower Upper
91 100
126 36.4 17.6 52.9

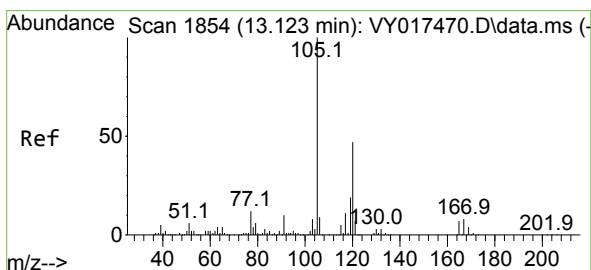
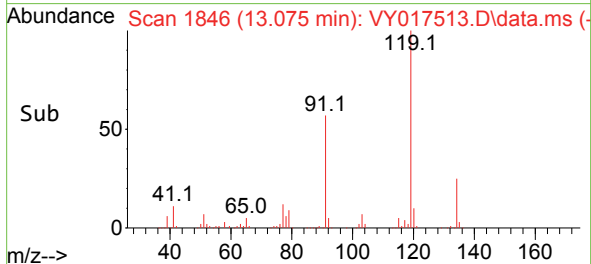
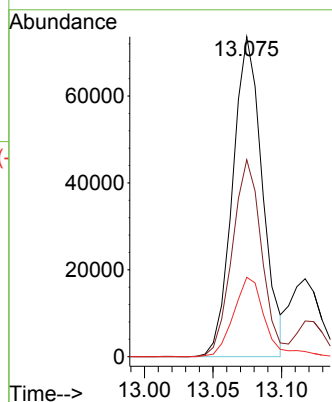
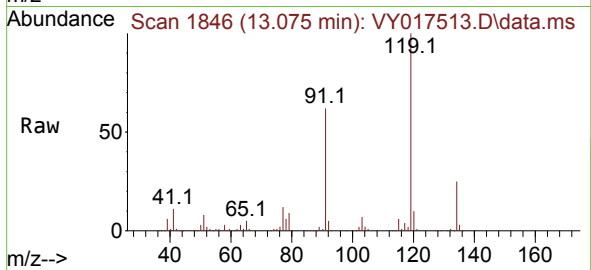




#83
tert-Butylbenzene
Concen: 22.094 ug/l
RT: 13.075 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017513.D
Acq: 28 Feb 2024 11:45

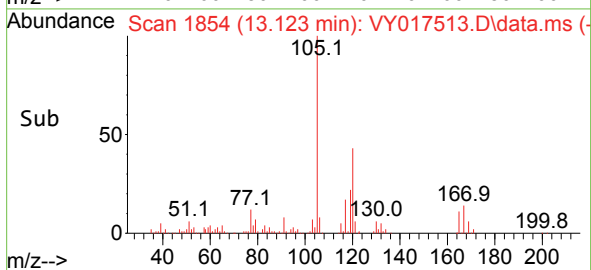
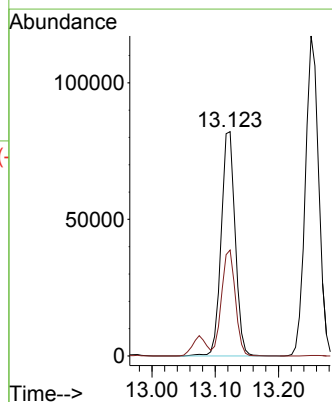
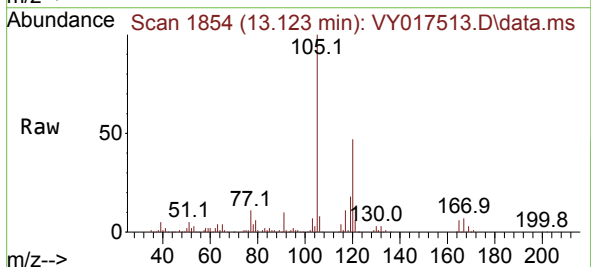
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

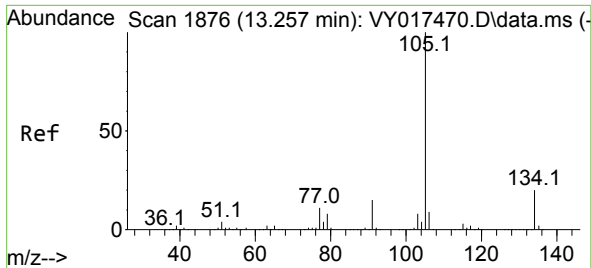
Tgt Ion:119 Resp: 111525
Ion Ratio Lower Upper
119 100
91 61.6 31.3 93.8
134 26.4 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 22.095 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY017513.D
Acq: 28 Feb 2024 11:45

Tgt Ion:105 Resp: 125392
Ion Ratio Lower Upper
105 100
120 46.7 23.2 69.6

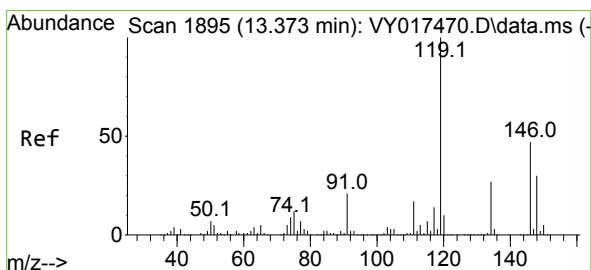
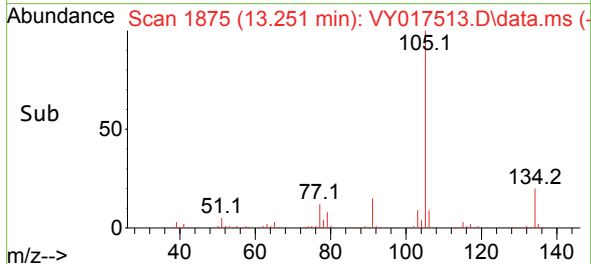
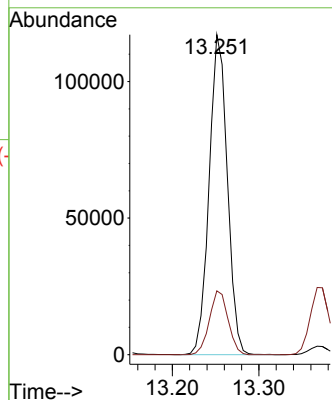
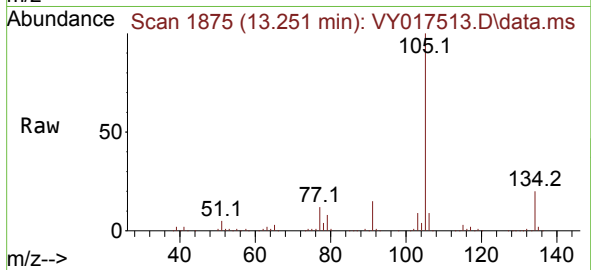




#85
 sec-Butylbenzene
 Concen: 22.139 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: VY017513.D
 Acq: 28 Feb 2024 11:45

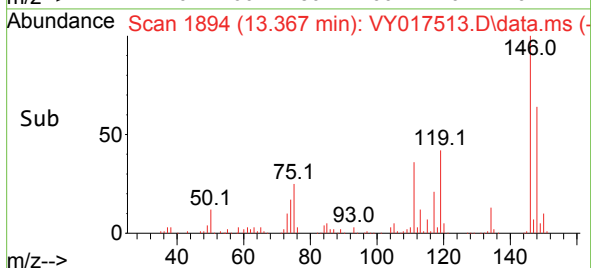
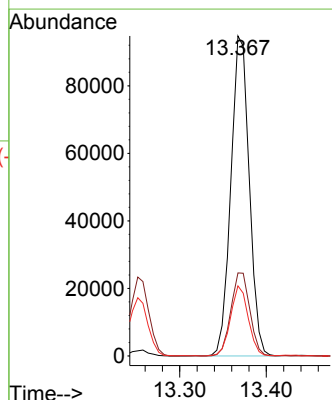
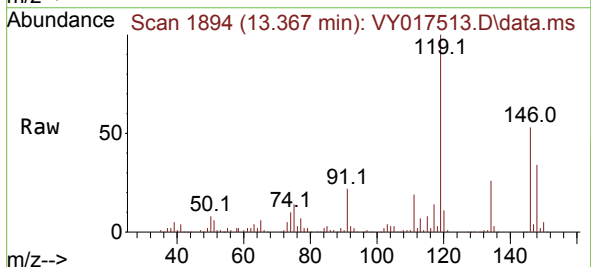
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0228SBS01

Tgt Ion:105 Resp: 170854
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 22.088 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: VY017513.D
 Acq: 28 Feb 2024 11:45

Tgt Ion:119 Resp: 139544
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.1 39.3
 91 21.2 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 21.731 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017513.D

Acq: 28 Feb 2024 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

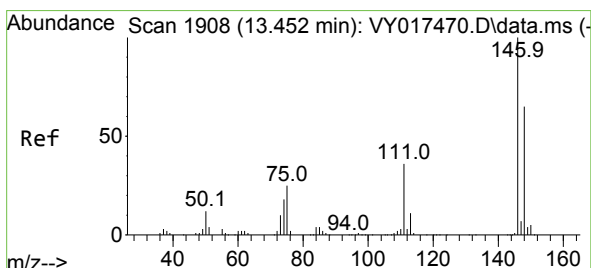
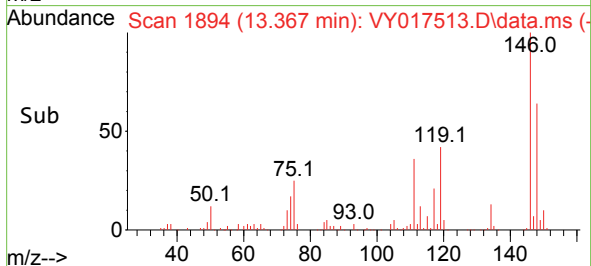
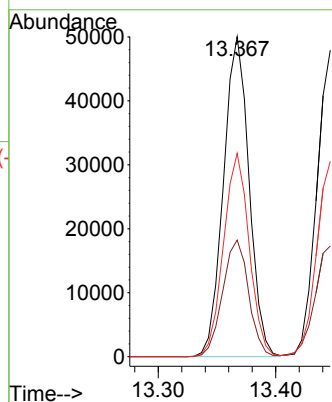
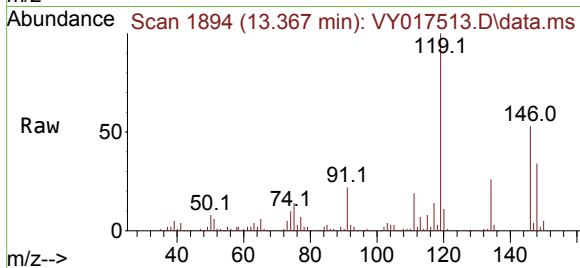
Tgt Ion:146 Resp: 75792

Ion Ratio Lower Upper

146 100

111 37.1 19.0 57.0

148 63.8 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 21.777 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY017513.D

Acq: 28 Feb 2024 11:45

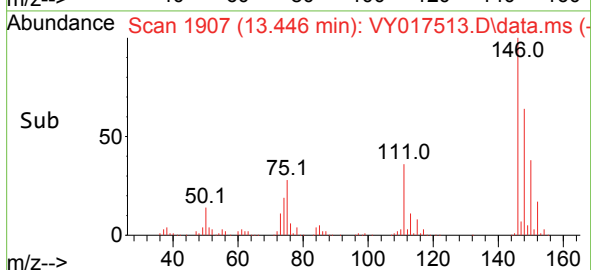
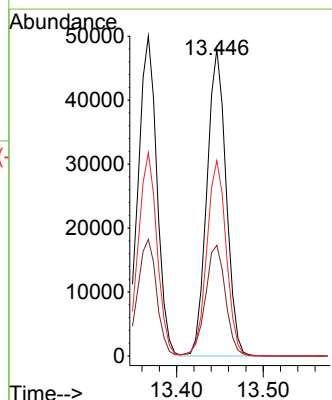
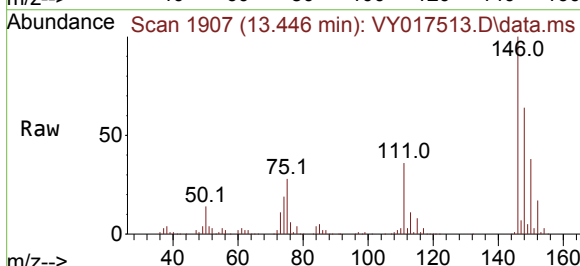
Tgt Ion:146 Resp: 73840

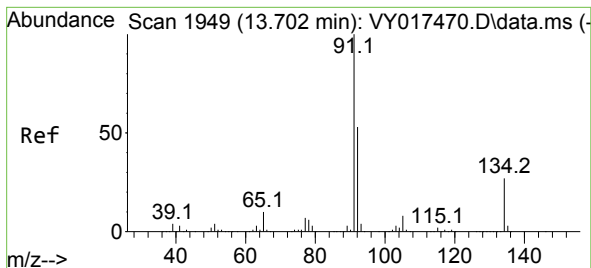
Ion Ratio Lower Upper

146 100

111 37.7 18.4 55.4

148 64.4 32.4 97.2





#89

n-Butylbenzene

Concen: 22.136 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY017513.D

Acq: 28 Feb 2024 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

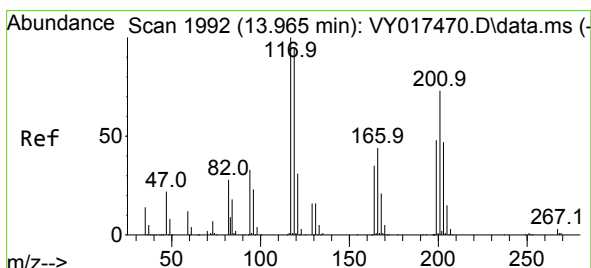
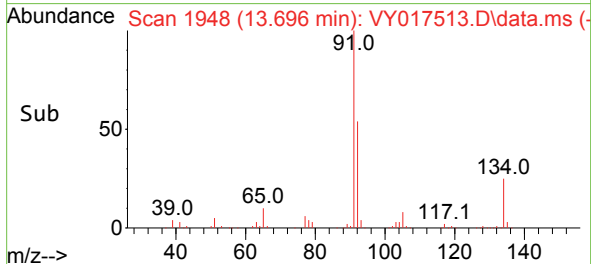
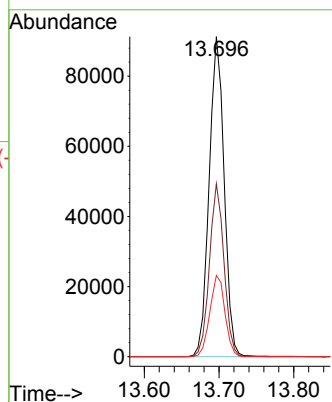
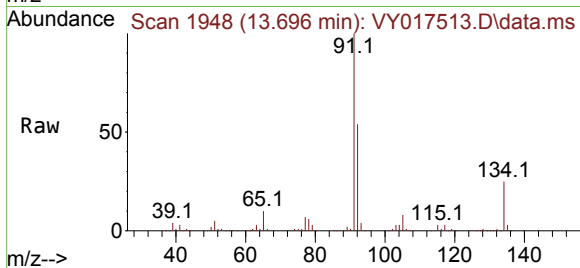
Tgt Ion: 91 Resp: 127591

Ion Ratio Lower Upper

91 100

92 52.3 26.6 79.7

134 25.5 12.9 38.7



#90

Hexachloroethane

Concen: 22.223 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.000 min

Lab File: VY017513.D

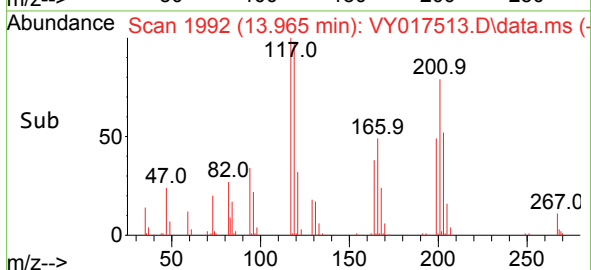
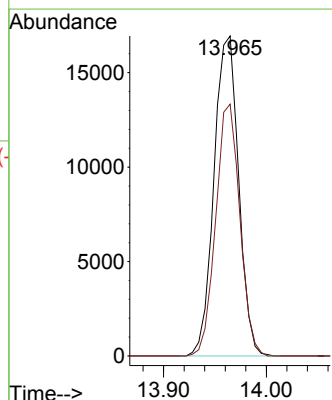
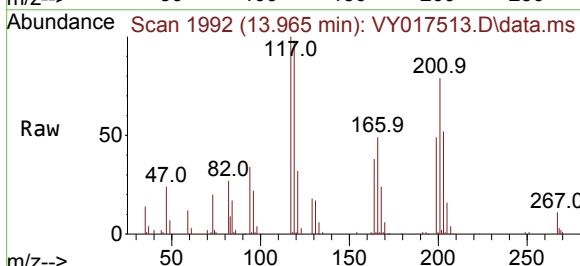
Acq: 28 Feb 2024 11:45

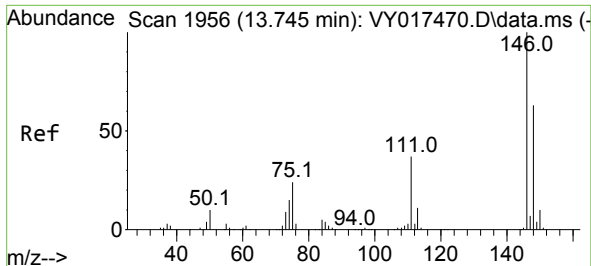
Tgt Ion: 117 Resp: 28147

Ion Ratio Lower Upper

117 100

201 77.1 37.4 112.2

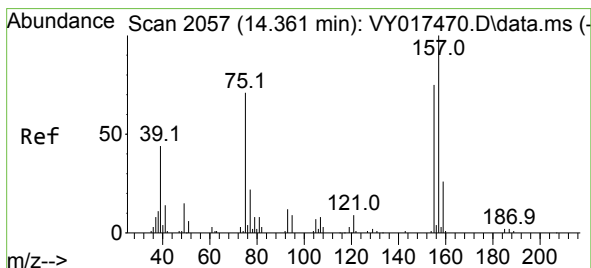
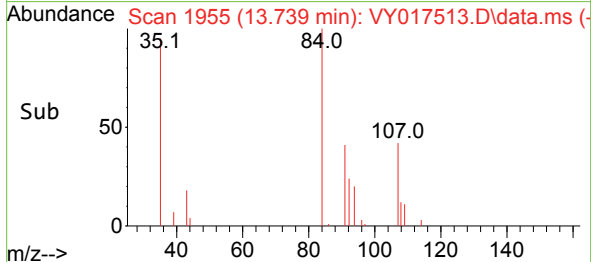
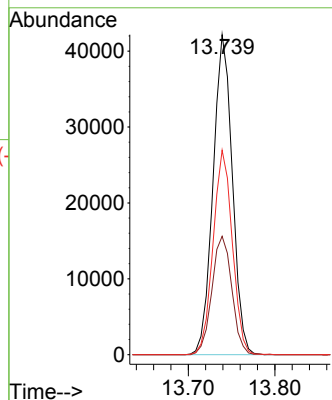
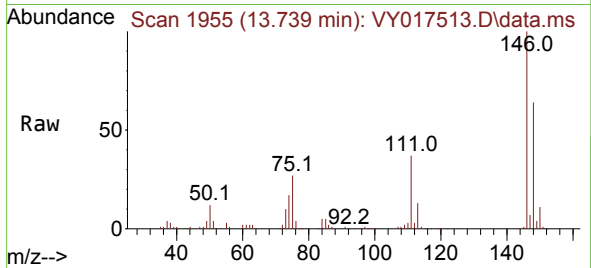




#91
1,2-Dichlorobenzene
Concen: 22.117 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.006 min
Lab File: VY017513.D
Acq: 28 Feb 2024 11:45

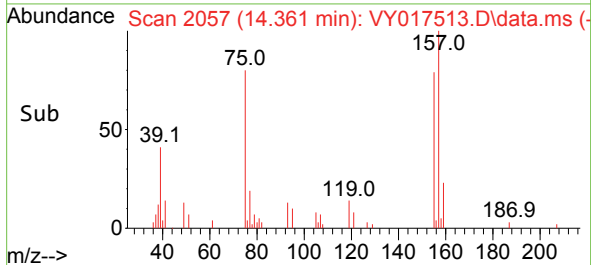
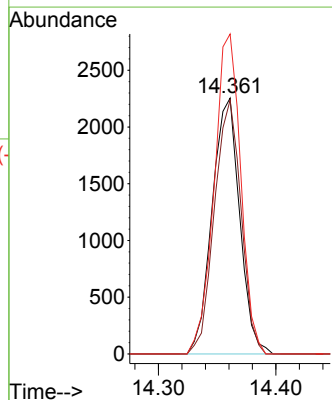
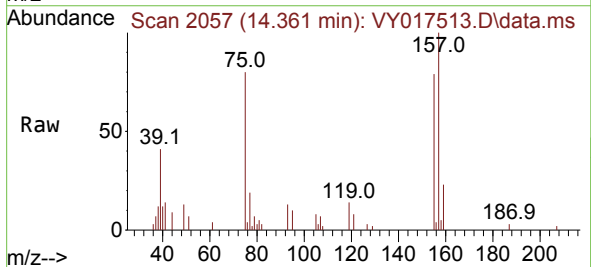
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

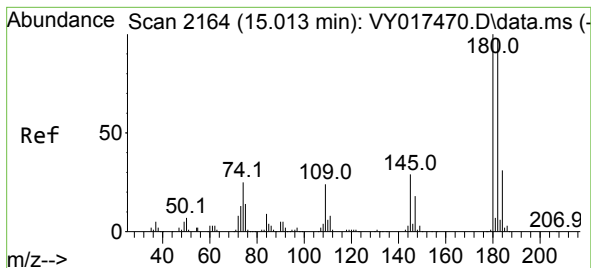
Tgt Ion:146 Resp: 65247
Ion Ratio Lower Upper
146 100
111 38.2 19.9 59.7
148 63.7 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.228 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY017513.D
Acq: 28 Feb 2024 11:45

Tgt Ion: 75 Resp: 3677
Ion Ratio Lower Upper
75 100
155 95.6 48.6 145.8
157 120.5 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 21.988 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY017513.D

Acq: 28 Feb 2024 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

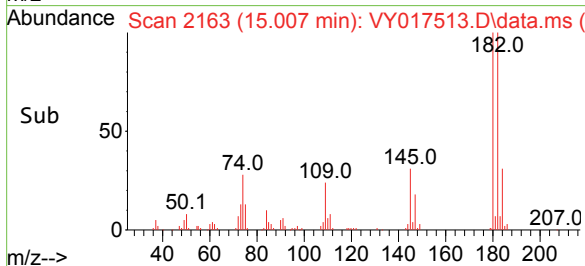
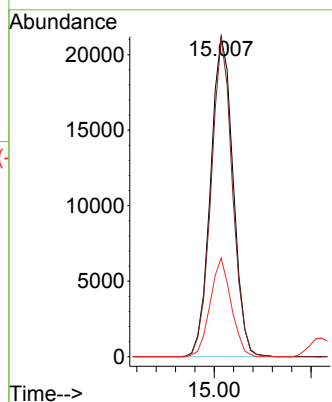
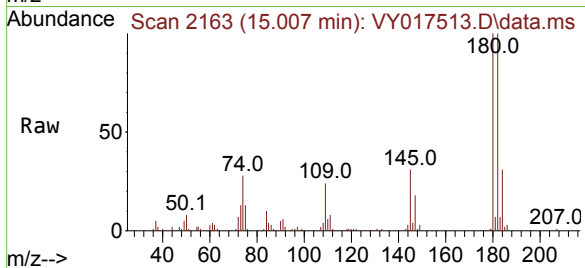
Tgt Ion:180 Resp: 34262

Ion Ratio Lower Upper

180 100

182 94.2 47.9 143.8

145 28.7 14.2 42.6



#94

Hexachlorobutadiene

Concen: 22.748 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.006 min

Lab File: VY017513.D

Acq: 28 Feb 2024 11:45

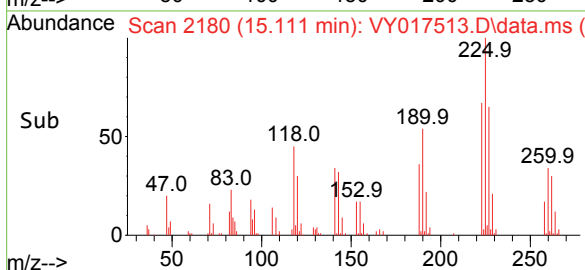
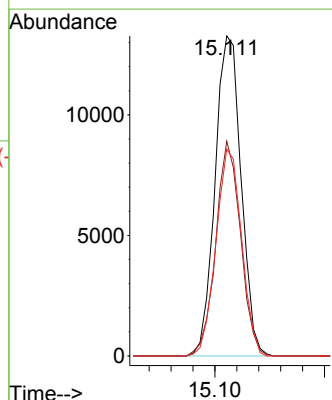
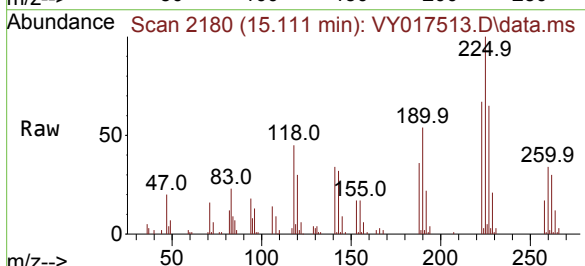
Tgt Ion:225 Resp: 21885

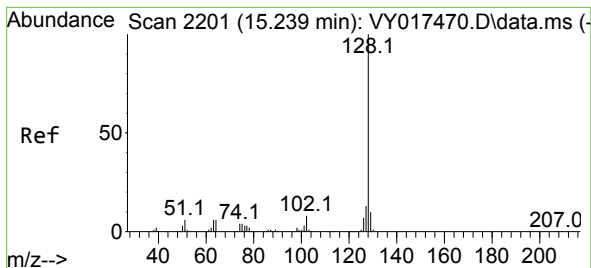
Ion Ratio Lower Upper

225 100

223 63.8 30.4 91.2

227 63.6 31.9 95.9





#95

Naphthalene

Concen: 20.013 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY017513.D

Acq: 28 Feb 2024 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

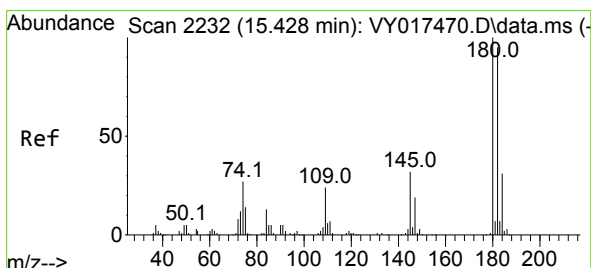
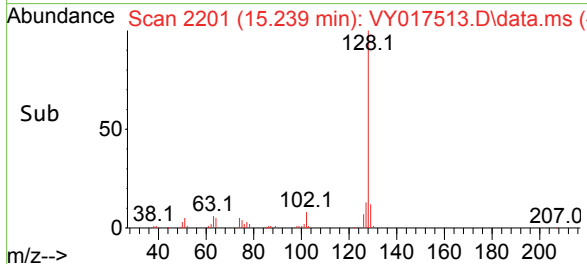
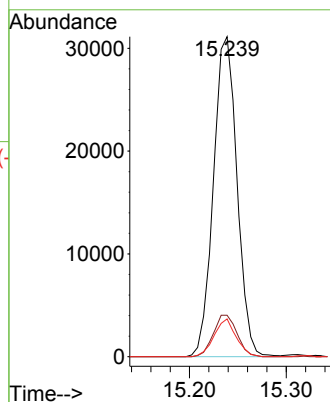
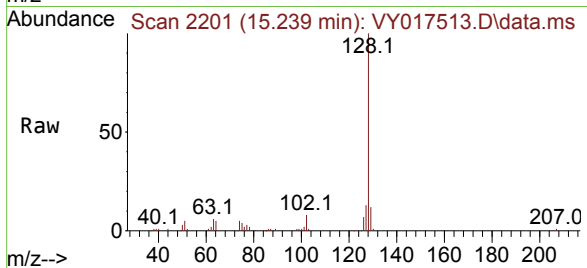
Tgt Ion:128 Resp: 52735

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 22.129 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY017513.D

Acq: 28 Feb 2024 11:45

Tgt Ion:180 Resp: 29581

Ion Ratio Lower Upper

180 100

182 92.6 47.6 142.9

145 29.3 15.4 46.1

