

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022124\
 Data File : VY017428.D
 Acq On : 21 Feb 2024 10:27
 Operator : SY/MD
 Sample : VY0221SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0221SBS01

Quant Time: Feb 22 03:22:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 20 06:16:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	145724	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	237829	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	200470	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.440	152	87349	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	60562	48.648	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.300%
35) Dibromofluoromethane	7.734	113	67713	48.639	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.280%
50) Toluene-d8	10.197	98	264017	48.898	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.800%
62) 4-Bromofluorobenzene	12.495	95	75633	42.277	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.560%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.912	85	21585	18.575	ug/l	98
3) Chloromethane	2.119	50	41528	17.511	ug/l	99
4) Vinyl Chloride	2.259	62	57289	18.554	ug/l	100
5) Bromomethane	2.656	94	49432	19.910	ug/l	98
6) Chloroethane	2.802	64	37957	19.298	ug/l	97
7) Trichlorofluoromethane	3.137	101	49665	18.755	ug/l	89
8) Diethyl Ether	3.540	74	14063	18.790	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.912	101	29545	19.303	ug/l	99
10) Methyl Iodide	4.107	142	32157	19.742	ug/l	99
11) Tert butyl alcohol	4.960	59	8420	86.987	ug/l	98
12) 1,1-Dichloroethene	3.881	96	27847	19.357	ug/l	98
13) Acrolein	3.747	56	13402	103.464	ug/l	100
14) Allyl chloride	4.491	41	33559	19.246	ug/l	98
15) Acrylonitrile	5.173	53	26637	89.519	ug/l	99
16) Acetone	3.960	43	24808	92.015	ug/l	94
17) Carbon Disulfide	4.210	76	88178	19.293	ug/l	99
18) Methyl Acetate	4.497	43	10621	17.372	ug/l	99
19) Methyl tert-butyl Ether	5.241	73	58243	17.923	ug/l	98
20) Methylene Chloride	4.735	84	31685	14.868	ug/l	98
21) trans-1,2-Dichloroethene	5.234	96	32369	19.453	ug/l	96
22) Diisopropyl ether	6.137	45	75591	18.848	ug/l	95
23) Vinyl Acetate	6.076	43	217667	91.324	ug/l	99
24) 1,1-Dichloroethane	6.033	63	52283	19.229	ug/l	98
25) 2-Butanone	7.002	43	33923	89.637	ug/l	93
26) 2,2-Dichloropropane	6.996	77	45308	19.366	ug/l	100
27) cis-1,2-Dichloroethene	7.002	96	34829	18.846	ug/l	99
28) Bromochloromethane	7.350	49	21459	21.035	ug/l	99
29) Tetrahydrofuran	7.362	42	19397	87.188	ug/l	98
30) Chloroform	7.521	83	55742	19.420	ug/l	100
31) Cyclohexane	7.801	56	46335	18.801	ug/l	92
32) 1,1,1-Trichloroethane	7.716	97	49003	19.329	ug/l	98
36) 1,1-Dichloropropene	7.935	75	43772	18.826	ug/l	98
37) Ethyl Acetate	7.088	43	15247	18.009	ug/l	99
38) Carbon Tetrachloride	7.911	117	43755	18.901	ug/l	99
39) Methylcyclohexane	9.197	83	52421	18.419	ug/l	99
40) Benzene	8.173	78	125939	18.539	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.362	41	18864	45.624	ug/l #	26
42) 1,2-Dichloroethane	8.252	62	30491	18.491	ug/l	99
43) Isopropyl Acetate	8.283	43	26276	17.174	ug/l	99
44) Trichloroethene	8.953	130	34389	18.676	ug/l	96
45) 1,2-Dichloropropane	9.228	63	28837	18.364	ug/l	99
46) Dibromomethane	9.319	93	15847	17.755	ug/l	99
47) Bromodichloromethane	9.508	83	40176	18.308	ug/l	98
48) Methyl methacrylate	9.307	41	12569	17.510	ug/l	97
49) 1,4-Dioxane	9.319	88	3133	335.613	ug/l #	96
51) 4-Methyl-2-Pentanone	10.087	43	69260	84.014	ug/l	100
52) Toluene	10.258	92	78945	18.615	ug/l	99
53) t-1,3-Dichloropropene	10.484	75	35841	17.638	ug/l	98
54) cis-1,3-Dichloropropene	9.941	75	44650	17.910	ug/l	97
55) 1,1,2-Trichloroethane	10.660	97	21885	17.821	ug/l	96
56) Ethyl methacrylate	10.526	69	23451	17.719	ug/l	97
57) 1,3-Dichloropropane	10.801	76	36050	17.742	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	59486	81.069	ug/l	99
59) 2-Hexanone	10.849	43	49073	86.423	ug/l	98
60) Dibromochloromethane	11.002	129	26245	17.978	ug/l	99
61) 1,2-Dibromoethane	11.105	107	20158	17.545	ug/l	98
64) Tetrachloroethene	10.733	164	30501	19.011	ug/l	97
65) Chlorobenzene	11.532	112	80385	18.613	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	28559	17.758	ug/l	99
67) Ethyl Benzene	11.605	91	143700	18.604	ug/l	100
68) m/p-Xylenes	11.715	106	111703	36.788	ug/l	99
69) o-Xylene	12.044	106	50570	18.154	ug/l	99
70) Styrene	12.056	104	82906	18.121	ug/l	99
71) Bromoform	12.221	173	14674	17.537	ug/l #	97
73) Isopropylbenzene	12.343	105	135094	20.022	ug/l	99
74) N-amyl acetate	12.160	43	20644	17.572	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.599	83	23136	19.186	ug/l	99
76) 1,2,3-Trichloropropane	12.648	75	27680	32.683	ug/l #	100
77) Bromobenzene	12.623	156	30211	19.092	ug/l	98
78) n-propylbenzene	12.684	91	165877	20.325	ug/l	100
79) 2-Chlorotoluene	12.770	91	89677	19.956	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	107770	19.969	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.392	75	6482	17.845	ug/l	94
82) 4-Chlorotoluene	12.867	91	90839	19.589	ug/l	99
83) tert-Butylbenzene	13.087	119	96272	20.429	ug/l	98
84) 1,2,4-Trimethylbenzene	13.135	105	102820	19.231	ug/l	98
85) sec-Butylbenzene	13.270	105	146552	20.247	ug/l	99
86) p-Isopropyltoluene	13.385	119	116630	19.563	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	60215	18.843	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	58959	19.108	ug/l	99
89) n-Butylbenzene	13.709	91	107077	19.748	ug/l	99
90) Hexachloroethane	13.977	117	22909	19.611	ug/l	95
91) 1,2-Dichlorobenzene	13.757	146	49576	18.431	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	2623	17.209	ug/l	95
93) 1,2,4-Trichlorobenzene	15.025	180	23275	16.549	ug/l	98
94) Hexachlorobutadiene	15.129	225	15711	18.367	ug/l	98
95) Naphthalene	15.251	128	35396	16.130	ug/l	98
96) 1,2,3-Trichlorobenzene	15.440	180	18985	16.056	ug/l	100

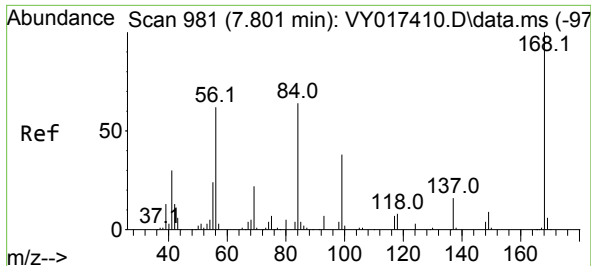
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Quant Title : SW846 8260
QLast Update : Tue Feb 20 06:16:24 2024
Response via : Initial Calibration

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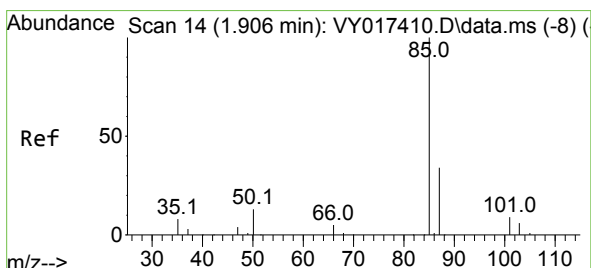
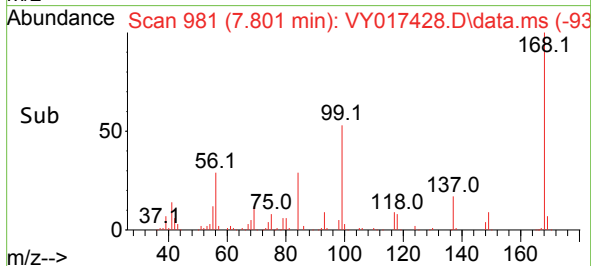
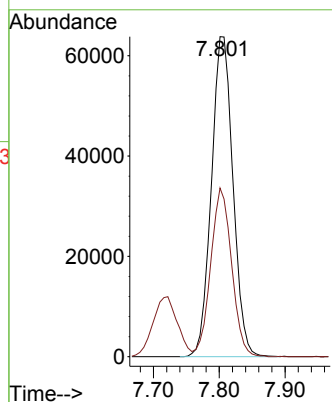
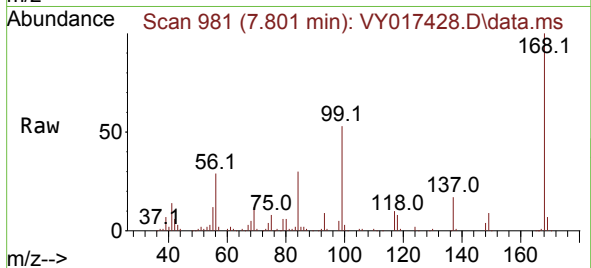
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY017428.D
Acq: 21 Feb 2024 10:27

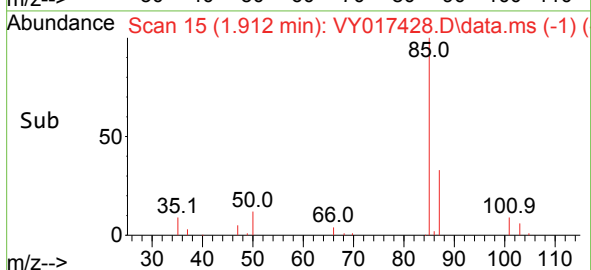
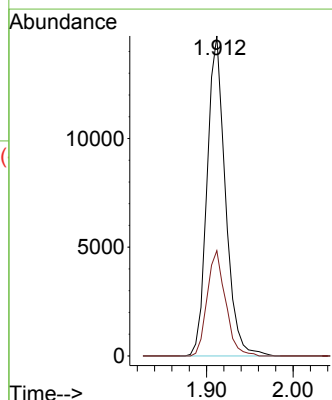
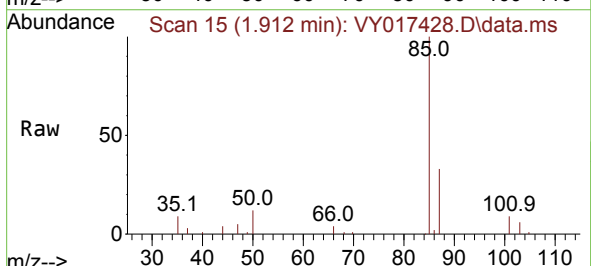
Instrument :
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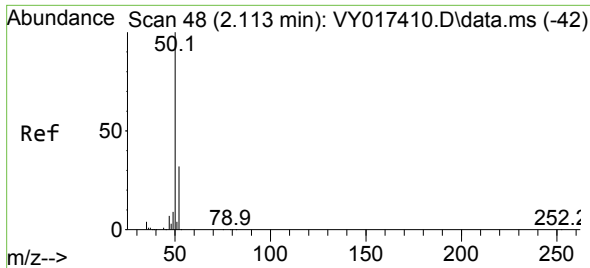
Tgt Ion:168 Resp: 145724
Ion Ratio Lower Upper
168 100
99 52.6 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 18.575 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY017428.D
Acq: 21 Feb 2024 10:27

Tgt Ion: 85 Resp: 21585
Ion Ratio Lower Upper
85 100
87 32.9 16.0 48.0

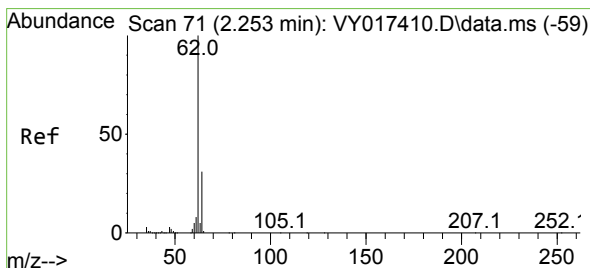
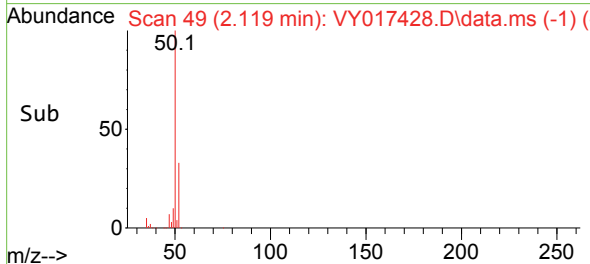
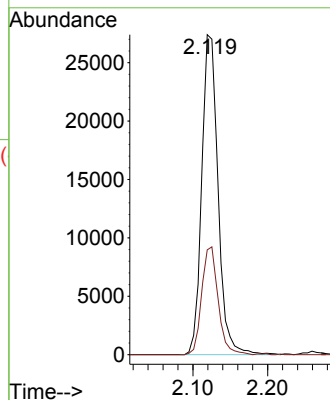
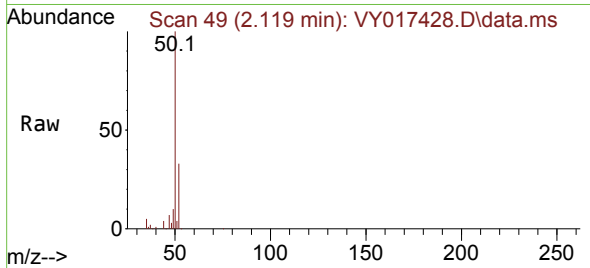




#3
Chloromethane
Concen: 17.511 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY017428.D
Acq: 21 Feb 2024 10:27

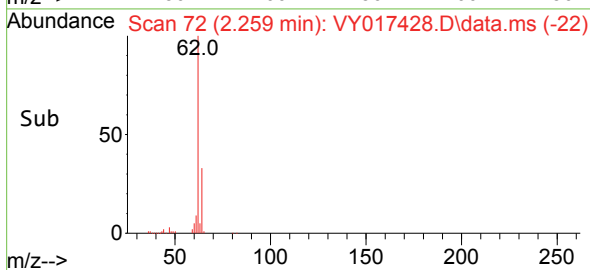
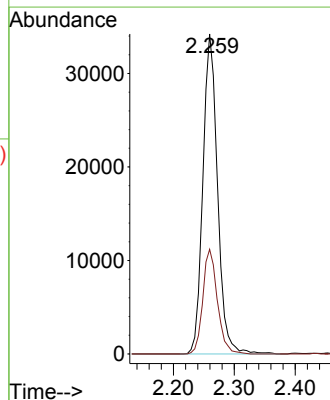
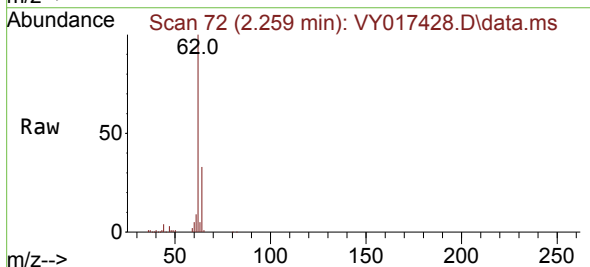
Instrument :
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ClientSampleId :
VY0221SBS01

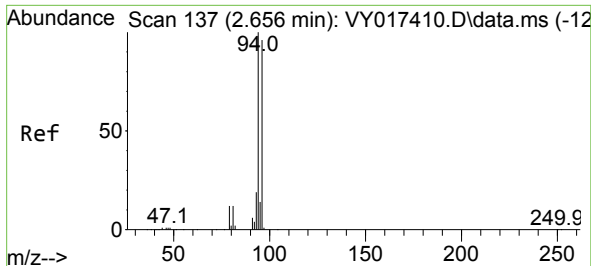
Tgt Ion: 50 Resp: 41528
Ion Ratio Lower Upper
50 100
52 32.7 25.6 38.4



#4
Vinyl Chloride
Concen: 18.554 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY017428.D
Acq: 21 Feb 2024 10:27

Tgt Ion: 62 Resp: 57289
Ion Ratio Lower Upper
62 100
64 32.7 26.1 39.1

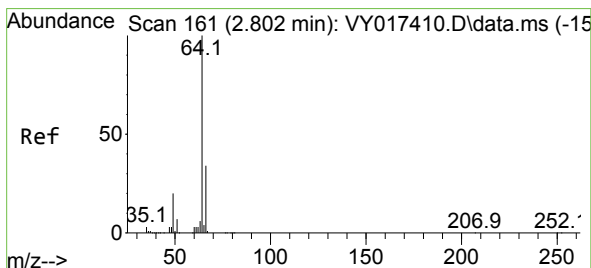
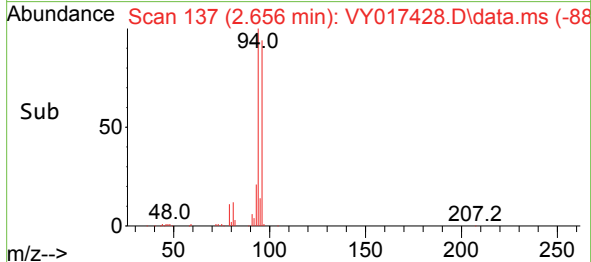
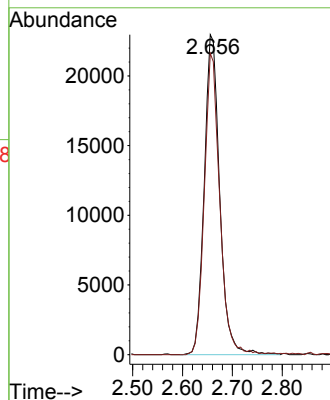
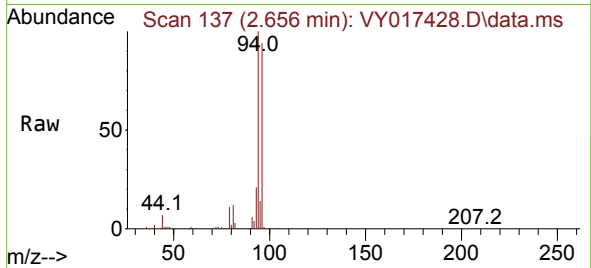




#5
Bromomethane
Concen: 19.910 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017428.D
Acq: 21 Feb 2024 10:27

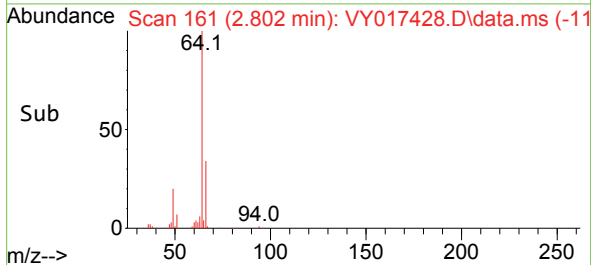
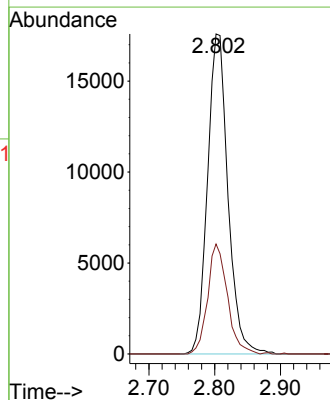
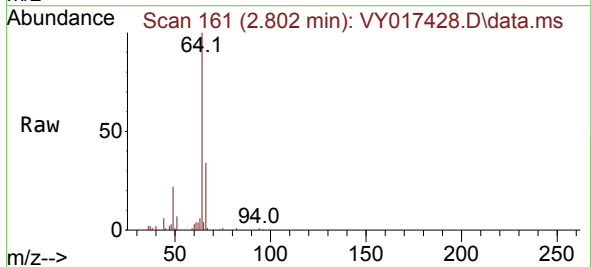
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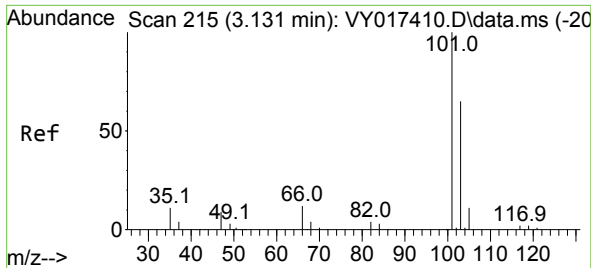
Tgt Ion: 94 Resp: 49432
Ion Ratio Lower Upper
94 100
96 94.1 74.1 111.1



#6
Chloroethane
Concen: 19.298 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
Lab File: VY017428.D
Acq: 21 Feb 2024 10:27

Tgt Ion: 64 Resp: 37957
Ion Ratio Lower Upper
64 100
66 34.4 26.1 39.1

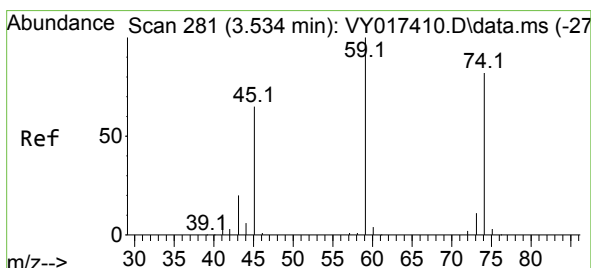
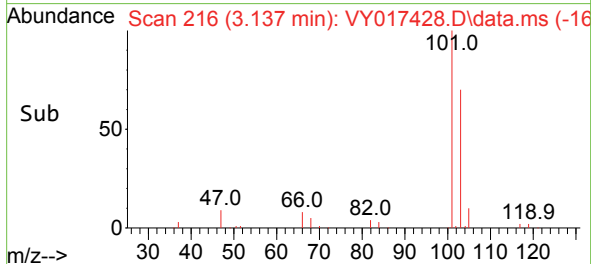
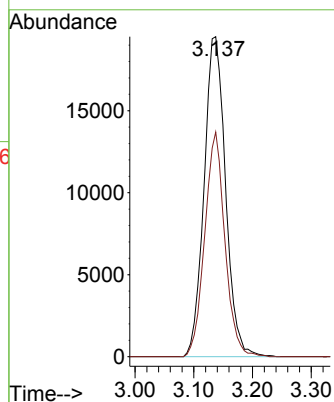
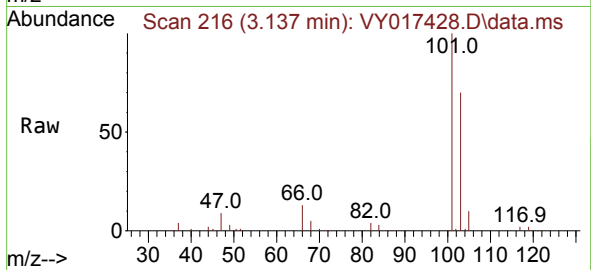




#7
 Trichlorofluoromethane
 Concen: 18.755 ug/l
 RT: 3.137 min Scan# 215
 Delta R.T. 0.006 min
 Lab File: VY017428.D
 Acq: 21 Feb 2024 10:27

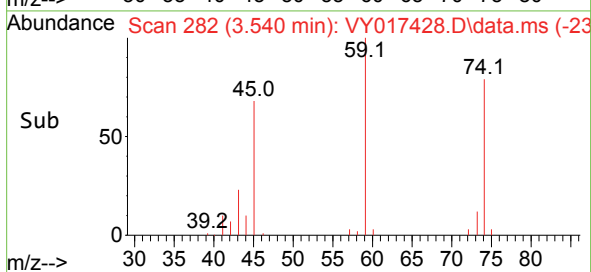
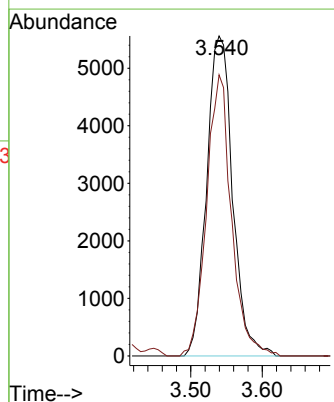
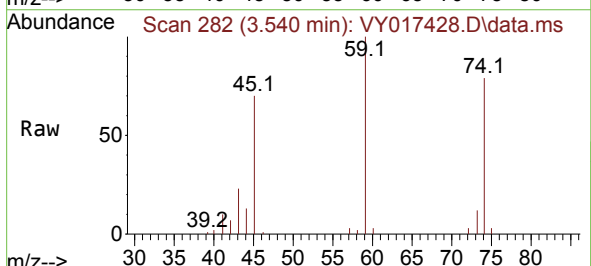
Instrument :
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 VY0221SBS01

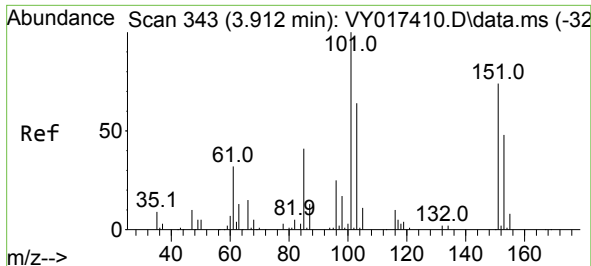
Tgt Ion:101 Resp: 49665
 Ion Ratio Lower Upper
 101 100
 103 70.2 49.3 73.9



#8
 Diethyl Ether
 Concen: 18.790 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. 0.006 min
 Lab File: VY017428.D
 Acq: 21 Feb 2024 10:27

Tgt Ion: 74 Resp: 14063
 Ion Ratio Lower Upper
 74 100
 45 83.7 41.3 124.1

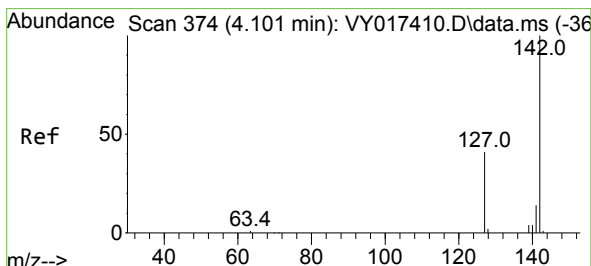
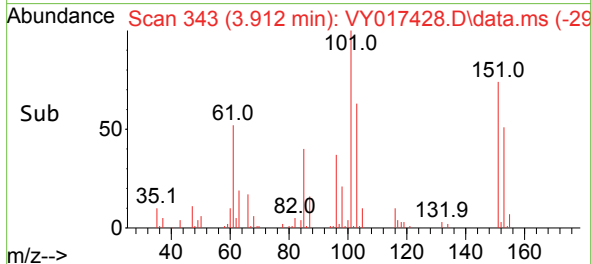
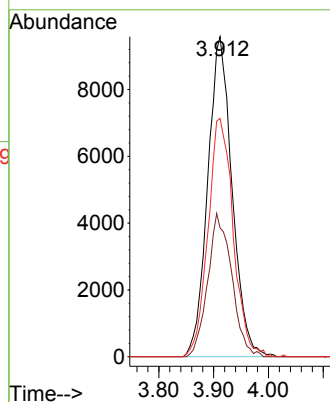
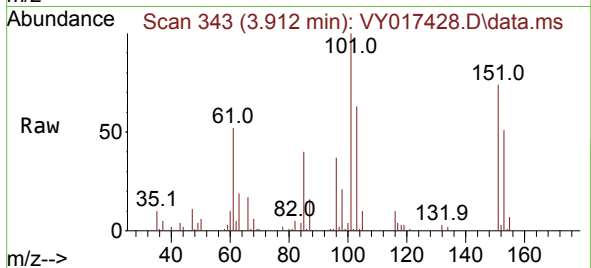




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.303 ug/l
RT: 3.912 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY017428.D
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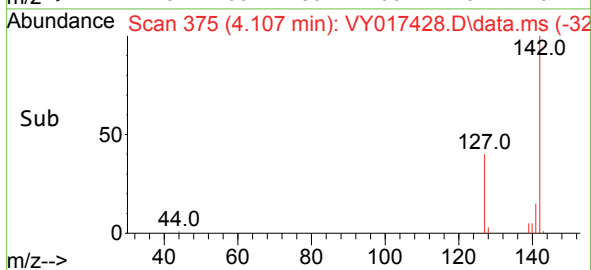
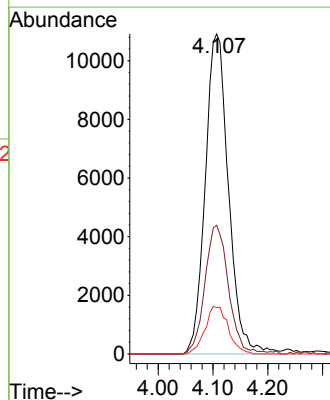
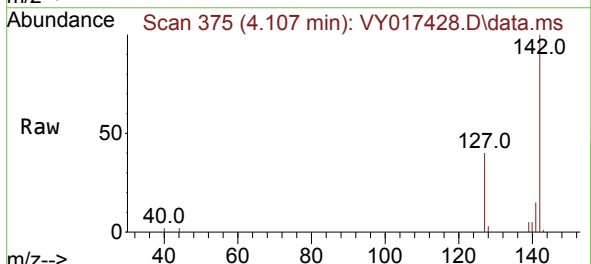
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

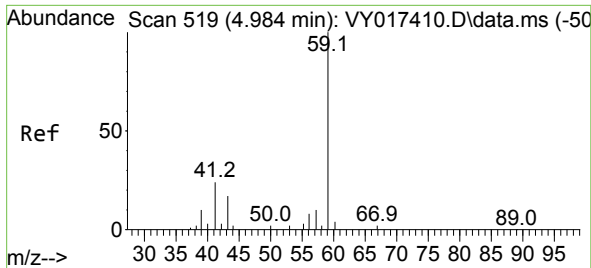
Tgt Ion:	101	Resp:	29545
Ion	Ratio	Lower	Upper
101	100		
85	44.0	34.5	51.7
151	77.0	61.7	92.5



#10
Methyl Iodide
Concen: 19.742 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY017428.D
Acq: 21 Feb 2024 10:27

Tgt Ion:	142	Resp:	32157
Ion	Ratio	Lower	Upper
142	100		
127	40.7	32.8	49.2
141	14.8	11.4	17.2

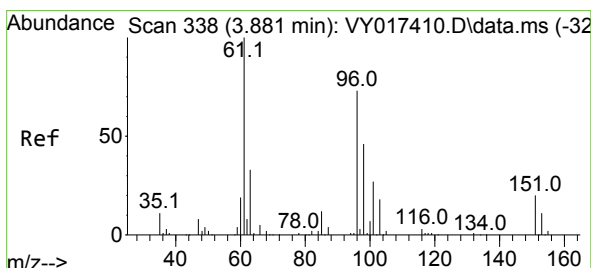
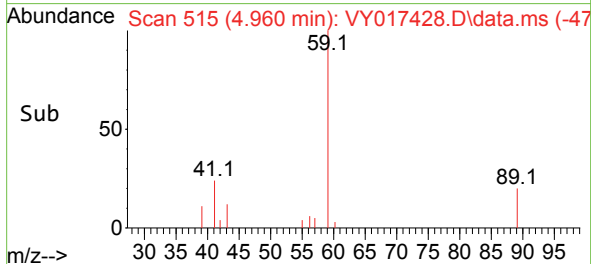
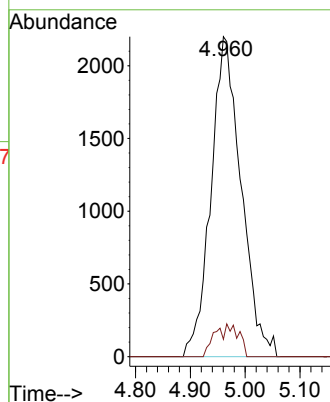
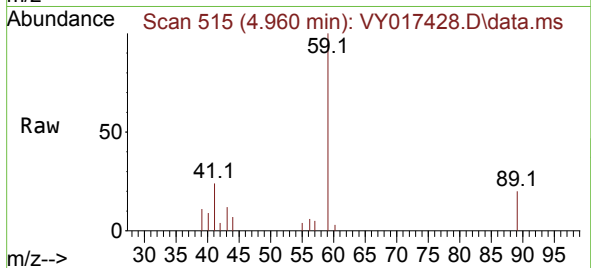




#11
Tert butyl alcohol
Concen: 86.987 ug/l
RT: 4.960 min Scan# 519
Delta R.T. -0.024 min
Lab File: VY017428.D
Acq: 21 Feb 2024 10:27

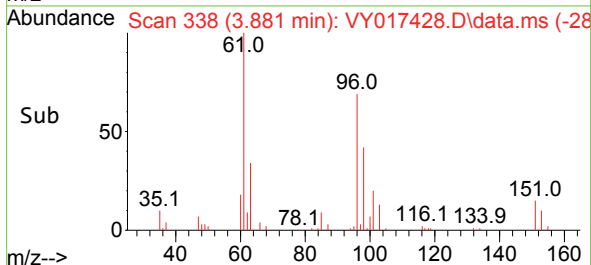
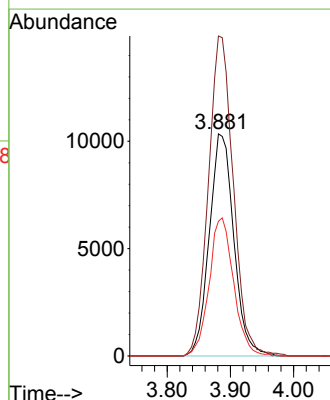
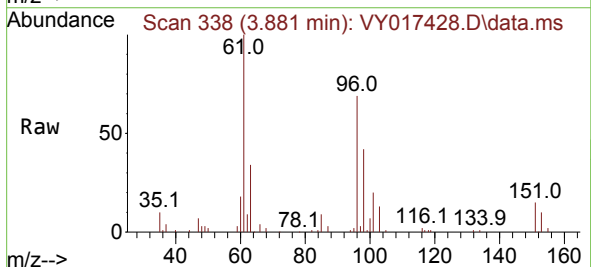
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

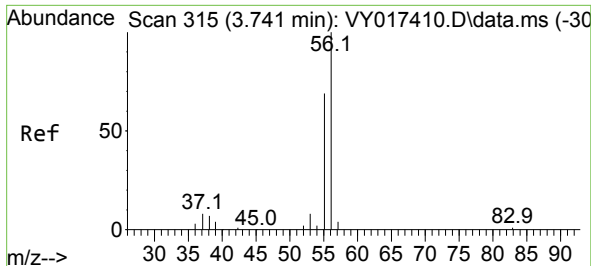
Tgt Ion: 59 Resp: 8420
Ion Ratio Lower Upper
59 100
57 4.5 3.0 4.6



#12
1,1-Dichloroethene
Concen: 19.357 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.000 min
Lab File: VY017428.D
Acq: 21 Feb 2024 10:27

Tgt Ion: 96 Resp: 27847
Ion Ratio Lower Upper
96 100
61 144.1 114.6 171.8
98 60.6 50.8 76.2





#13

Acrolein

Concen: 103.464 ug/l

RT: 3.747 min Scan# 315

Delta R.T. 0.006 min

Lab File: VY017428.D

Acq: 21 Feb 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

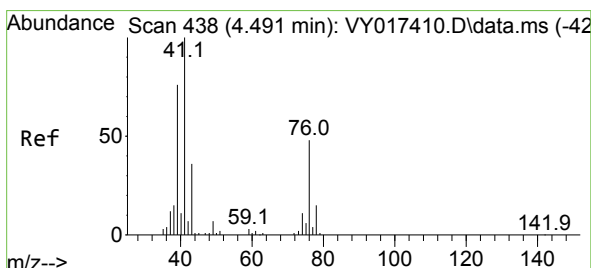
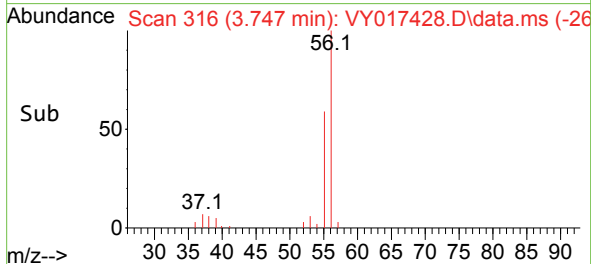
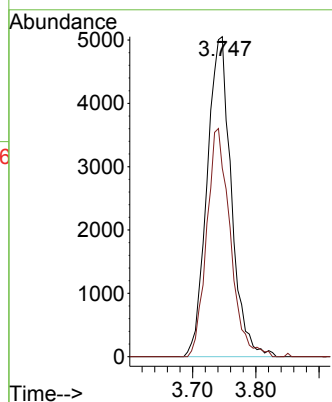
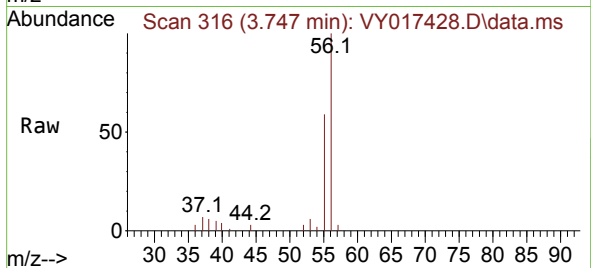
VY0221SBS01

Tgt Ion: 56 Resp: 13402

Ion Ratio Lower Upper

56 100

55 69.3 55.7 83.5



#14

Allyl chloride

Concen: 19.246 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.000 min

Lab File: VY017428.D

Acq: 21 Feb 2024 10:27

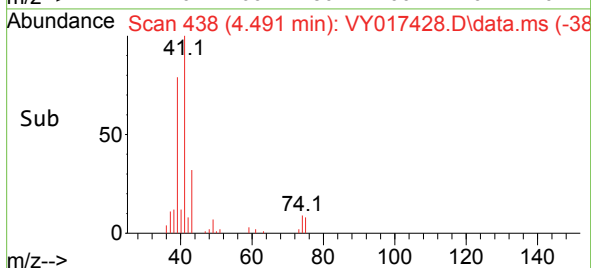
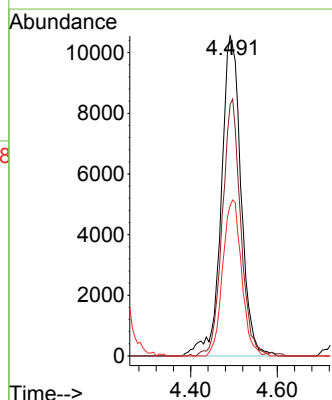
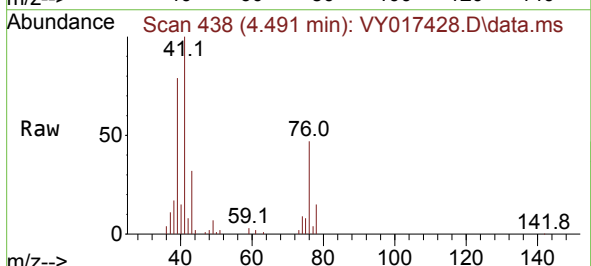
Tgt Ion: 41 Resp: 33559

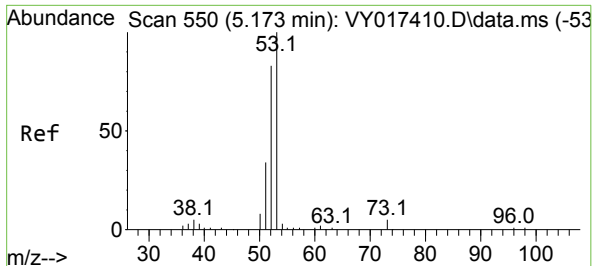
Ion Ratio Lower Upper

41 100

39 74.3 58.3 87.5

76 46.6 39.0 58.6





#15

Acrylonitrile

Concen: 89.519 ug/l

RT: 5.173 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY017428.D

Acq: 21 Feb 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0221SBS01

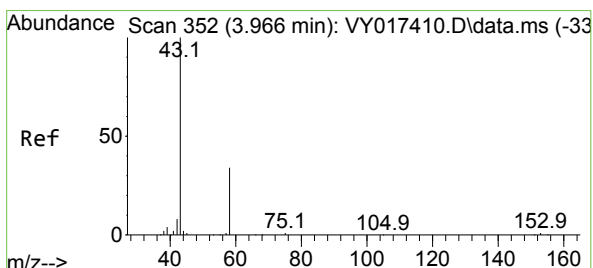
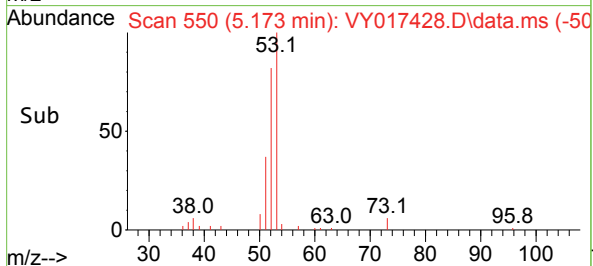
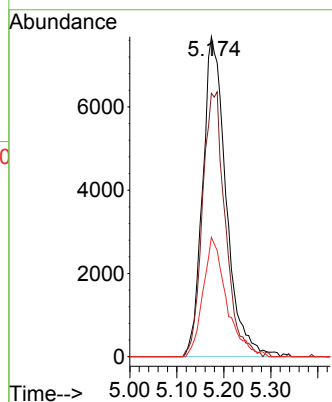
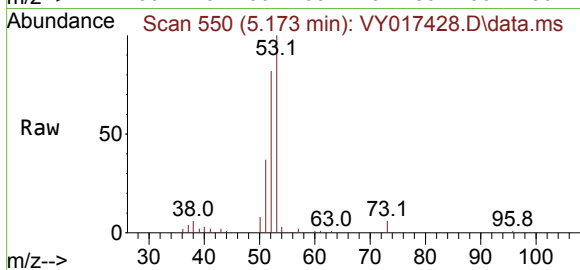
Tgt Ion: 53 Resp: 26637

Ion Ratio Lower Upper

53 100

52 80.6 64.7 97.1

51 37.4 28.4 42.6



#16

Acetone

Concen: 92.015 ug/l

RT: 3.960 min Scan# 351

Delta R.T. -0.006 min

Lab File: VY017428.D

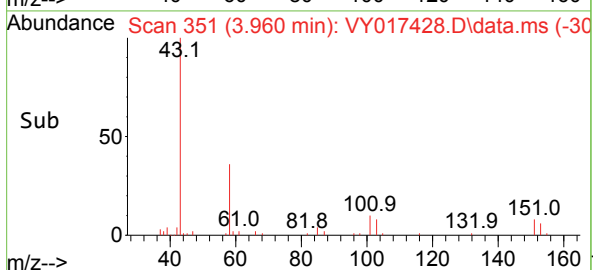
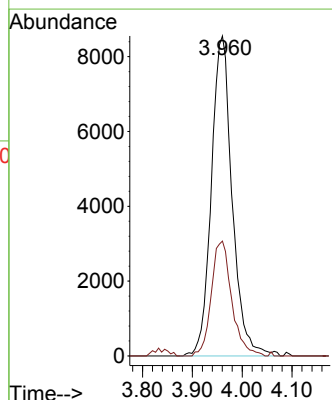
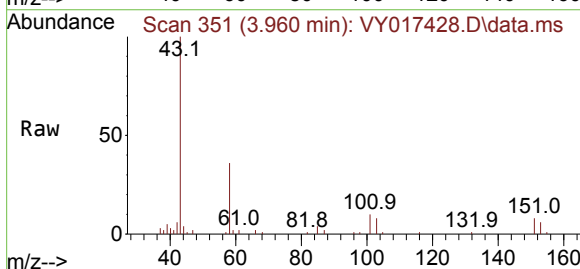
Acq: 21 Feb 2024 10:27

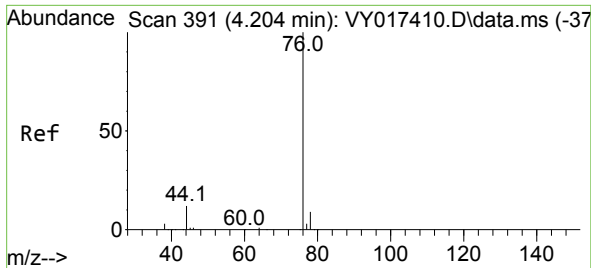
Tgt Ion: 43 Resp: 24808

Ion Ratio Lower Upper

43 100

58 35.9 31.7 47.5

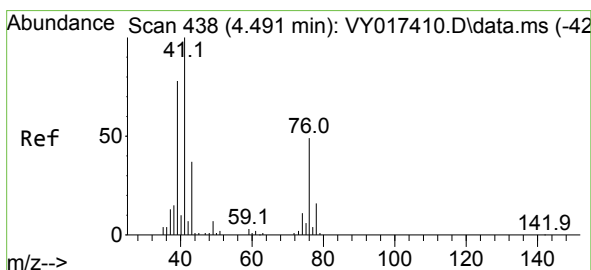
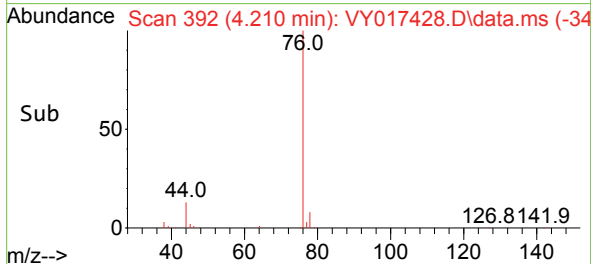
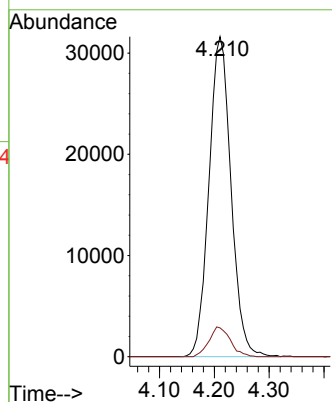
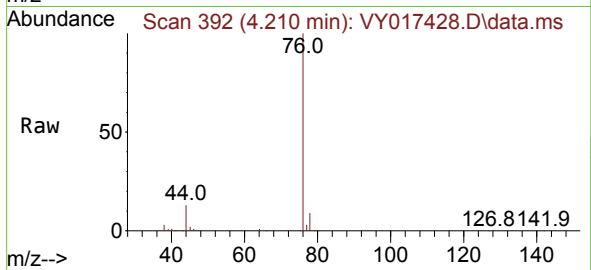




#17
Carbon Disulfide
Concen: 19.293 ug/l
RT: 4.210 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY017428.D
Acq: 21 Feb 2024 10:27

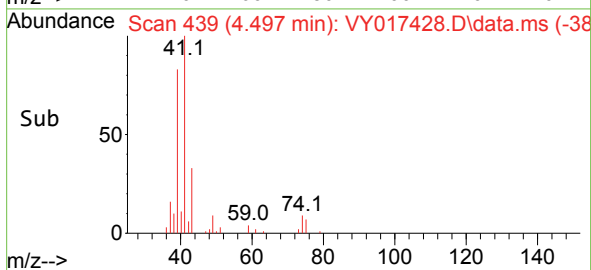
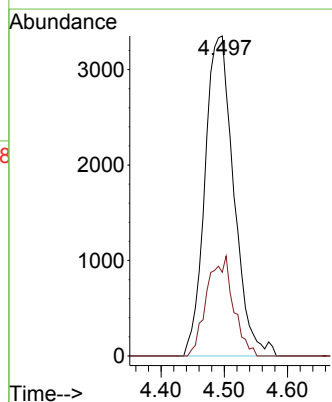
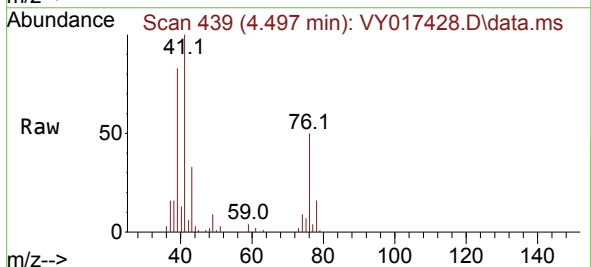
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

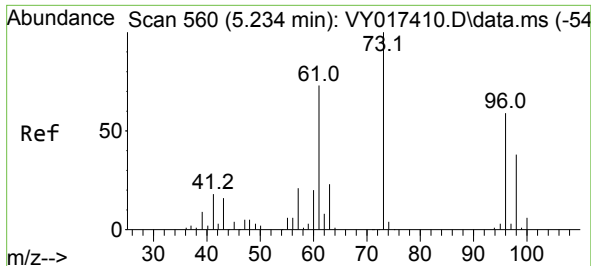
Tgt Ion: 76 Resp: 88178
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2



#18
Methyl Acetate
Concen: 17.372 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY017428.D
Acq: 21 Feb 2024 10:27

Tgt Ion: 43 Resp: 10621
Ion Ratio Lower Upper
43 100
74 28.5 23.3 34.9

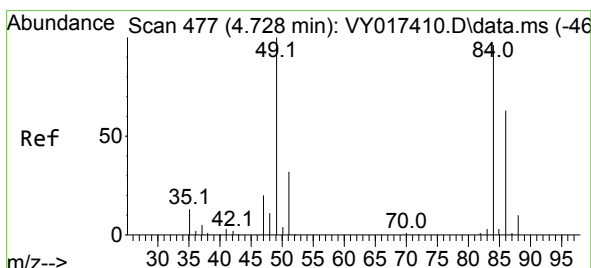
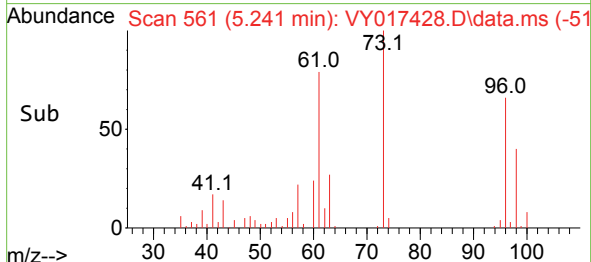
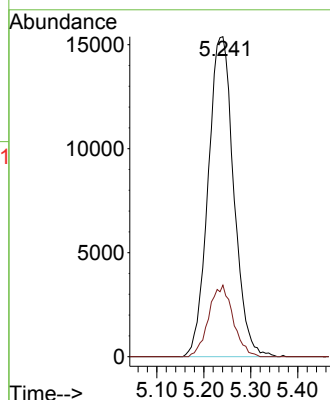
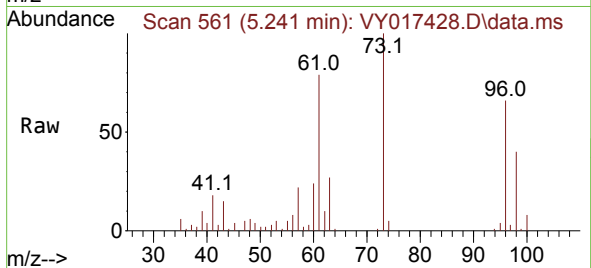




#19
Methyl tert-butyl Ether
Concen: 17.923 ug/l
RT: 5.241 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY017428.D
Acq: 21 Feb 2024 10:27

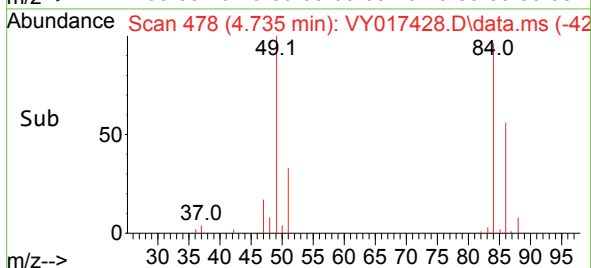
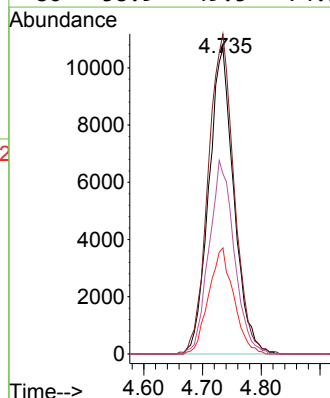
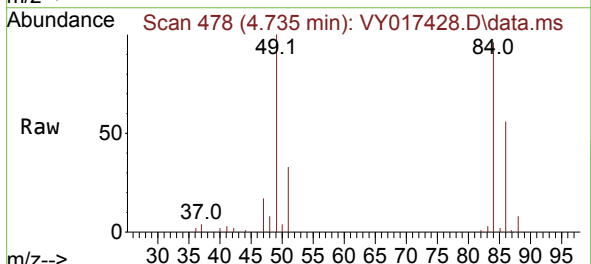
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

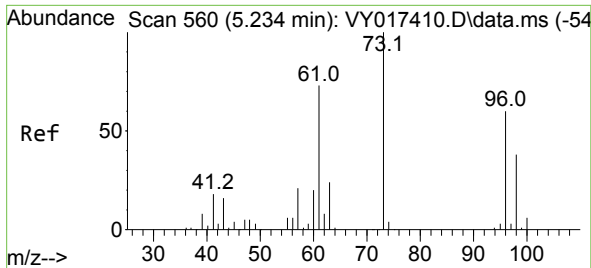
Tgt Ion: 73 Resp: 58243
Ion Ratio Lower Upper
73 100
57 22.4 17.3 25.9



#20
Methylene Chloride
Concen: 14.868 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.007 min
Lab File: VY017428.D
Acq: 21 Feb 2024 10:27

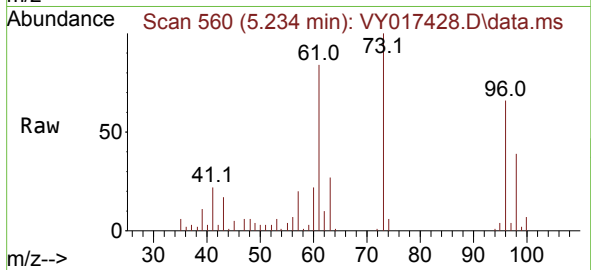
Tgt Ion: 84 Resp: 31685
Ion Ratio Lower Upper
84 100
49 104.7 84.4 126.6
51 34.7 26.0 39.0
86 58.9 49.5 74.3





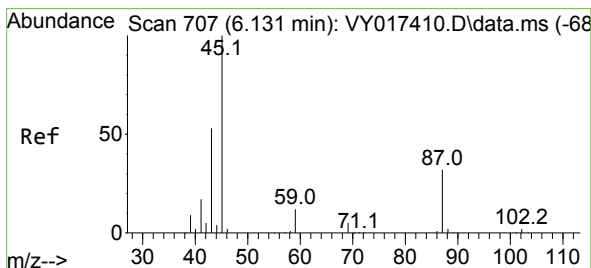
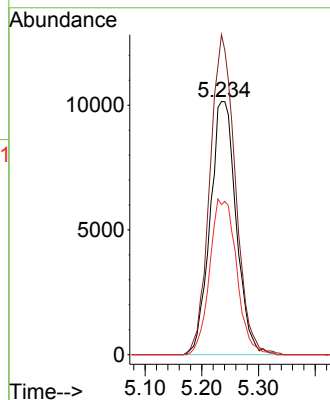
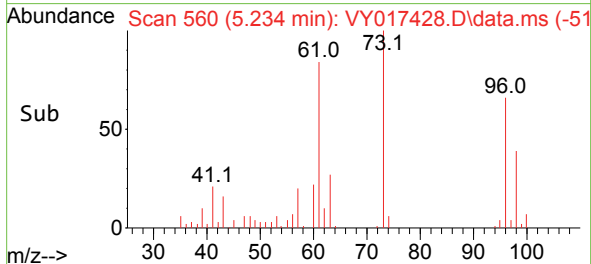
#21
trans-1,2-Dichloroethene
Concen: 19.453 ug/l
RT: 5.234 min Scan# 501
Delta R.T. 0.000 min
Lab File: VY017428.D
Acq: 21 Feb 2024 10:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

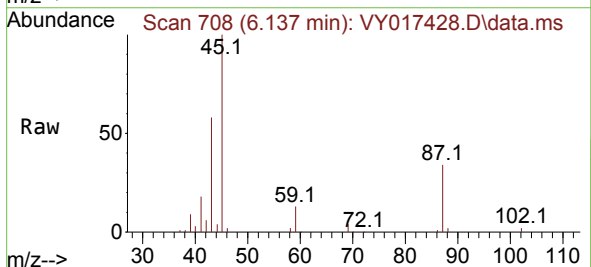


Tgt Ion: 96 Resp: 32369

Ion	Ratio	Lower	Upper
96	100		
61	126.4	97.5	146.3
98	59.3	50.5	75.7

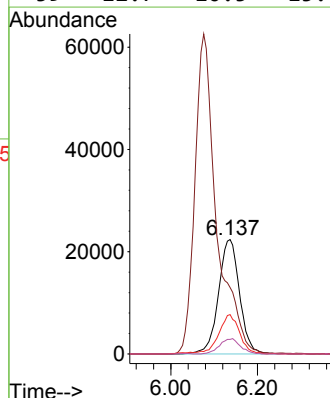
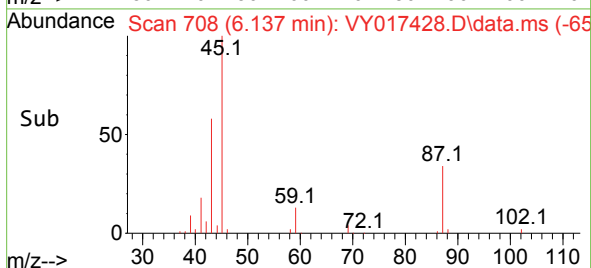


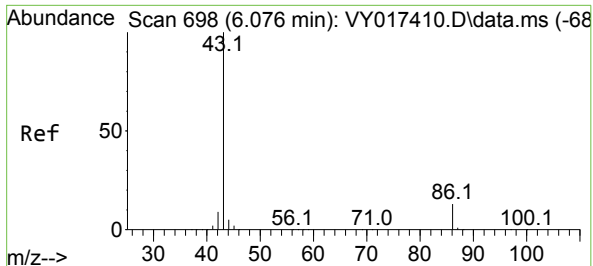
#22
Diisopropyl ether
Concen: 18.848 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.006 min
Lab File: VY017428.D
Acq: 21 Feb 2024 10:27



Tgt Ion: 45 Resp: 75591

Ion	Ratio	Lower	Upper
45	100		
43	57.2	42.2	63.2
87	34.4	25.0	37.6
59	12.7	10.5	15.7

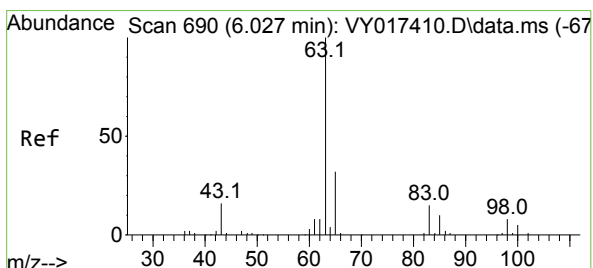
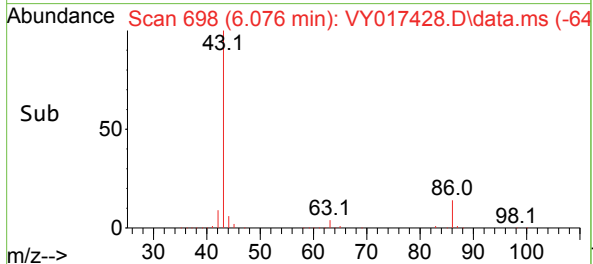
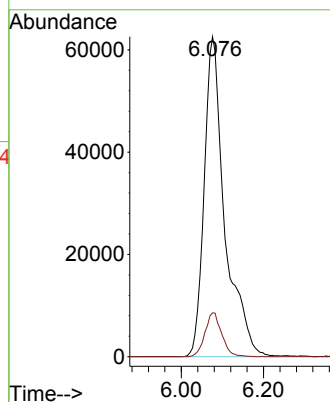
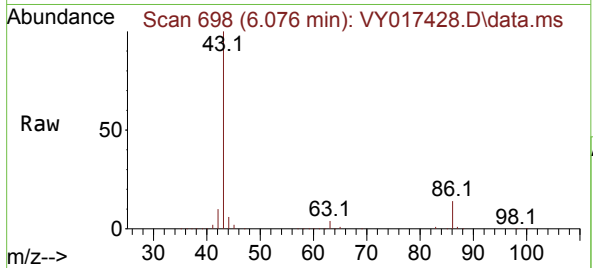




#23
 Vinyl Acetate
 Concen: 91.324 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. 0.000 min
 Lab File: VY017428.D
 Acq: 21 Feb 2024 10:27

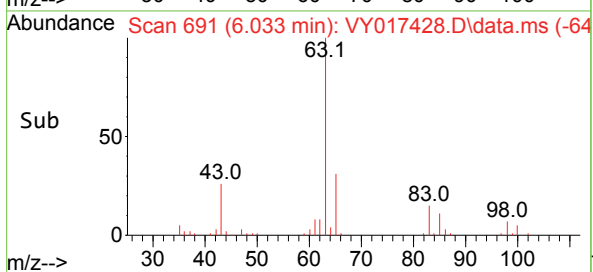
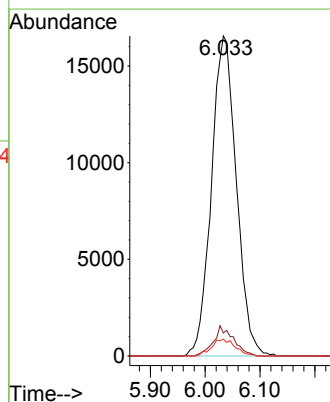
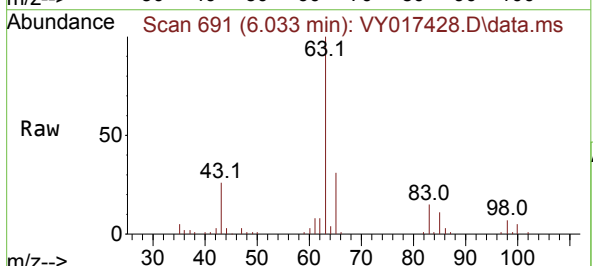
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0221SBS01

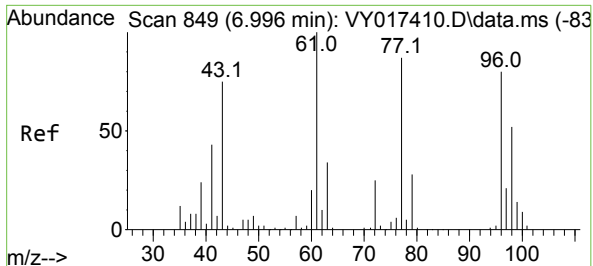
Tgt Ion: 43 Resp: 217667
 Ion Ratio Lower Upper
 43 100
 86 13.7 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 19.229 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.006 min
 Lab File: VY017428.D
 Acq: 21 Feb 2024 10:27

Tgt Ion: 63 Resp: 52283
 Ion Ratio Lower Upper
 63 100
 98 7.2 4.0 12.2
 100 5.2 2.6 8.0





#25

2-Butanone

Concen: 89.637 ug/l

RT: 7.002 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY017428.D

Acq: 21 Feb 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

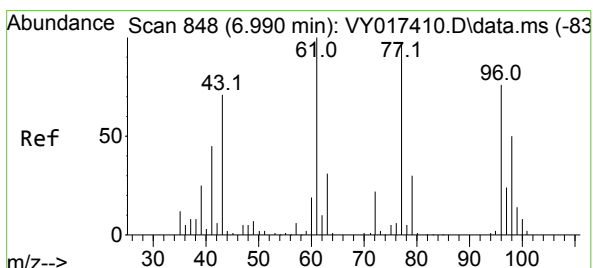
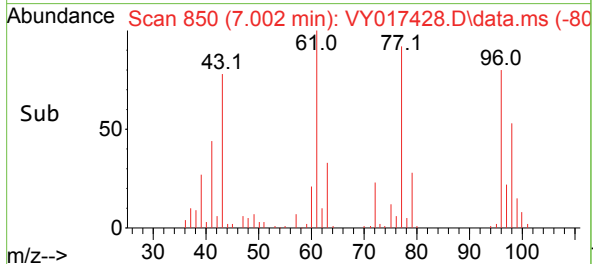
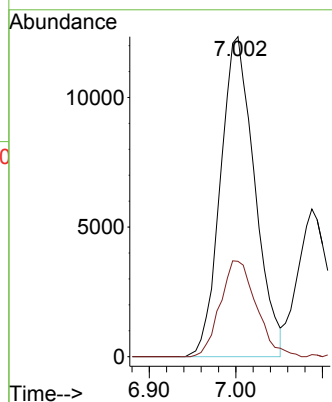
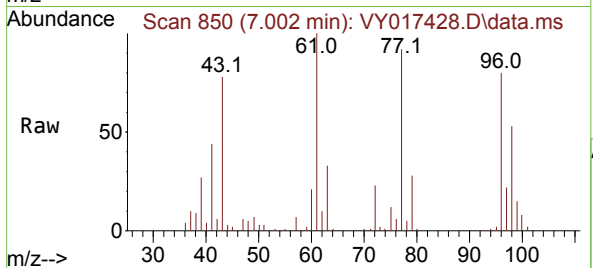
VY0221SBS01

Tgt Ion: 43 Resp: 33923

Ion Ratio Lower Upper

43 100

72 29.8 27.3 40.9



#26

2,2-Dichloropropane

Concen: 19.366 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY017428.D

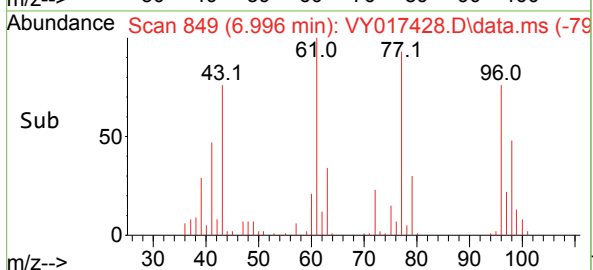
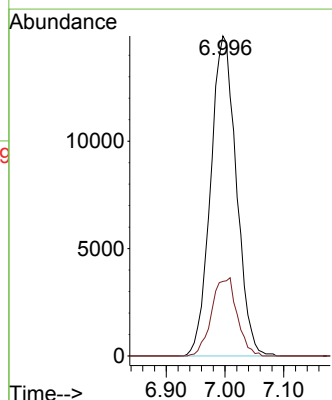
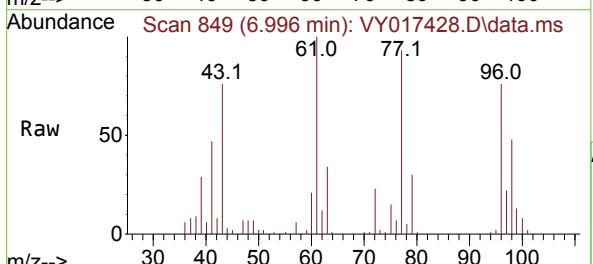
Acq: 21 Feb 2024 10:27

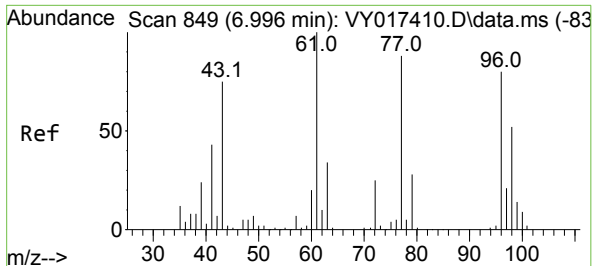
Tgt Ion: 77 Resp: 45308

Ion Ratio Lower Upper

77 100

97 24.2 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 18.846 ug/l

RT: 7.002 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY017428.D

Acq: 21 Feb 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0221SBS01

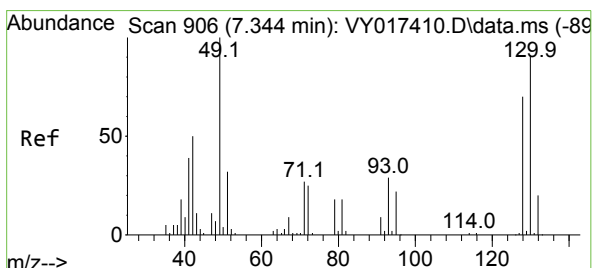
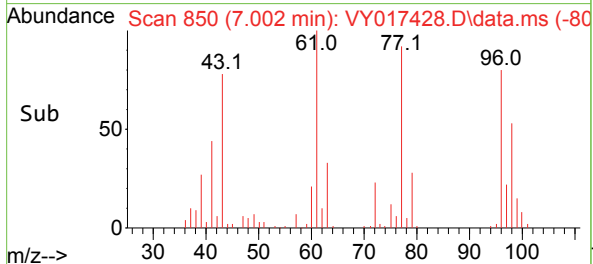
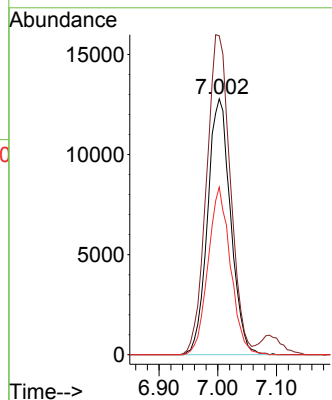
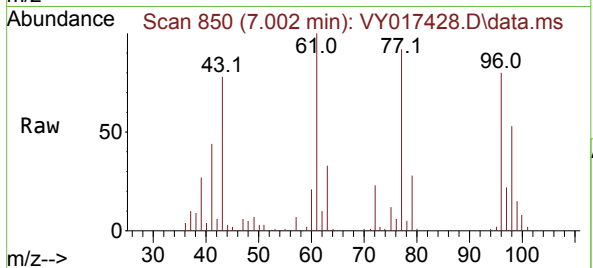
Tgt Ion: 96 Resp: 34829

Ion Ratio Lower Upper

96 100

61 129.3 0.0 256.2

98 63.7 0.0 130.0



#28

Bromochloromethane

Concen: 21.035 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY017428.D

Acq: 21 Feb 2024 10:27

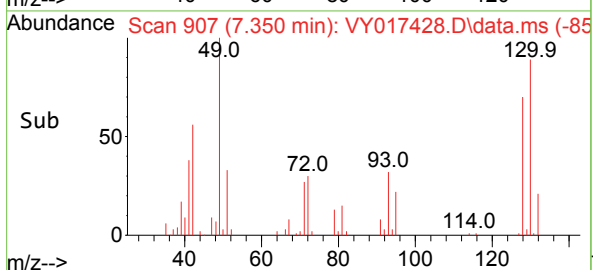
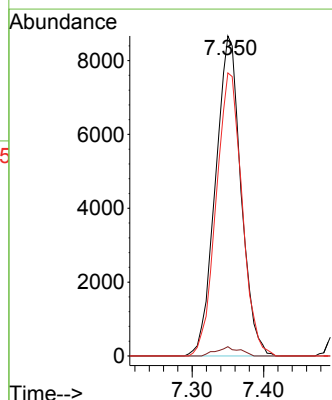
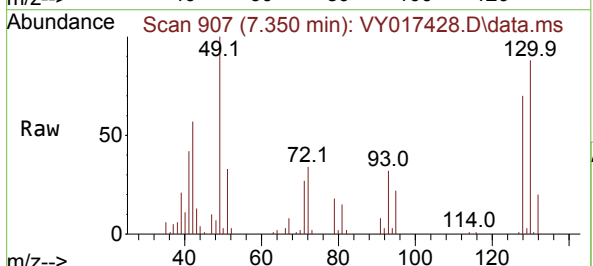
Tgt Ion: 49 Resp: 21459

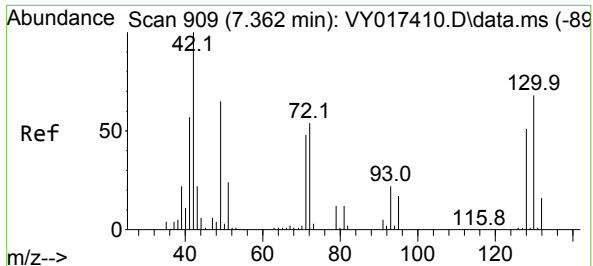
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.6

130 89.8 72.7 109.1





#29

Tetrahydrofuran

Concen: 87.188 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY017428.D

Acq: 21 Feb 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0221SBS01

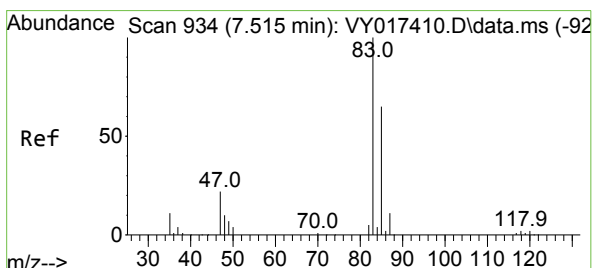
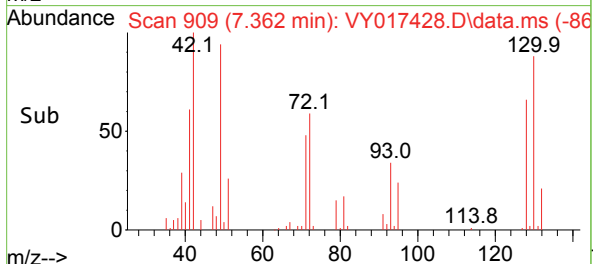
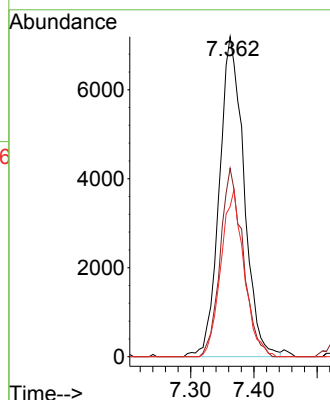
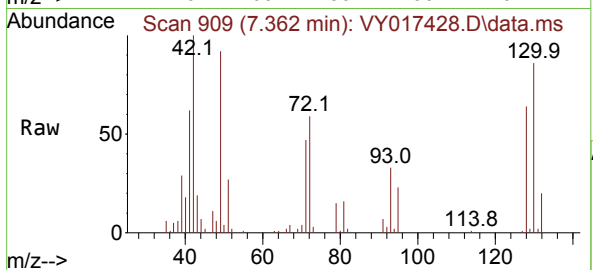
Tgt Ion: 42 Resp: 19397

Ion Ratio Lower Upper

42 100

72 54.6 43.0 64.4

71 49.0 40.8 61.2



#30

Chloroform

Concen: 19.420 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY017428.D

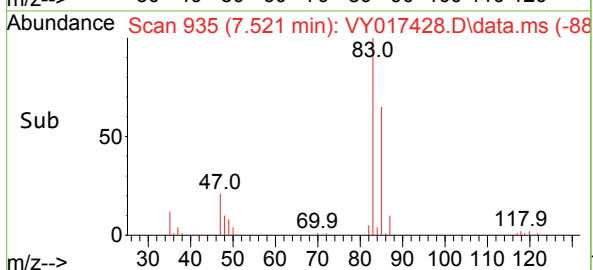
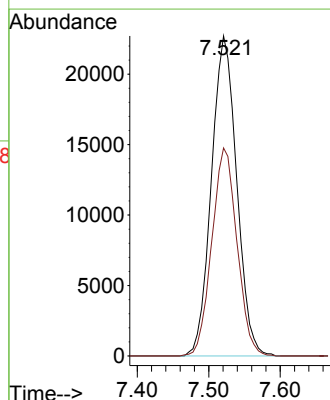
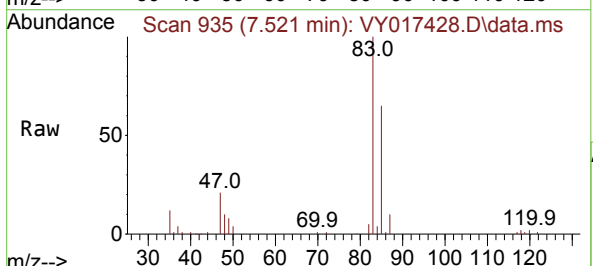
Acq: 21 Feb 2024 10:27

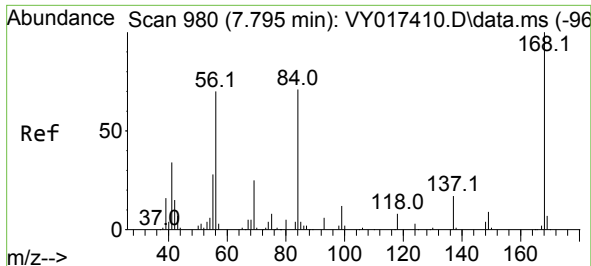
Tgt Ion: 83 Resp: 55742

Ion Ratio Lower Upper

83 100

85 65.0 52.2 78.4

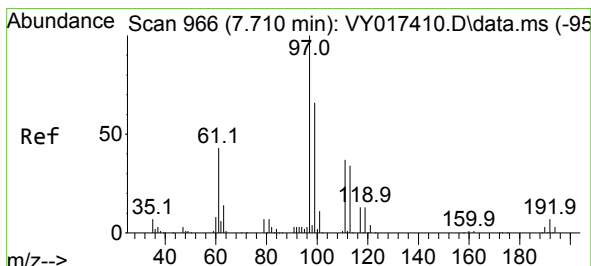
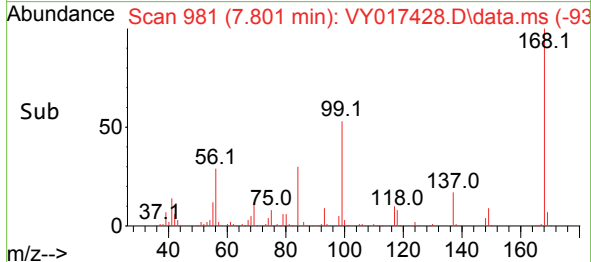
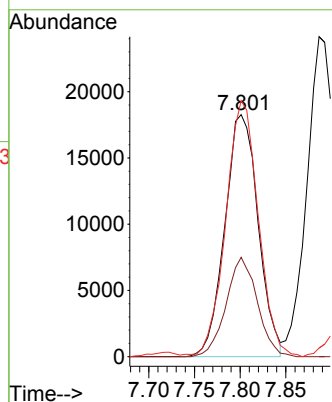
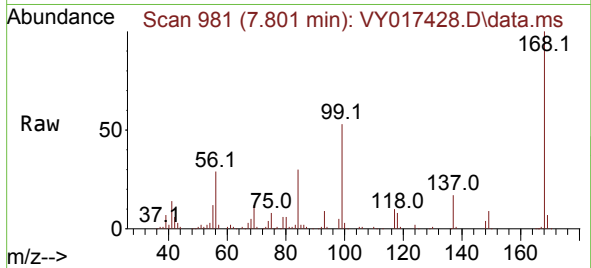




#31
Cyclohexane
Concen: 18.801 ug/l
RT: 7.801 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY017428.D
Acq: 21 Feb 2024 10:27

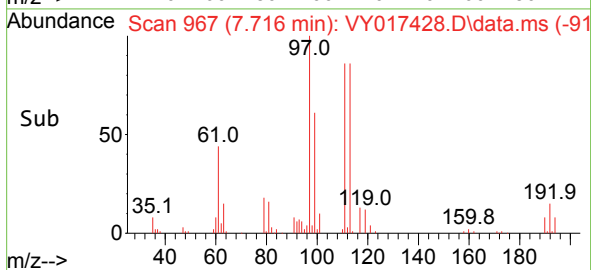
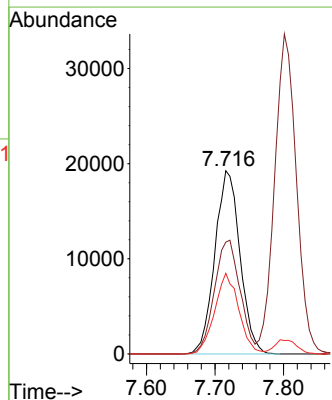
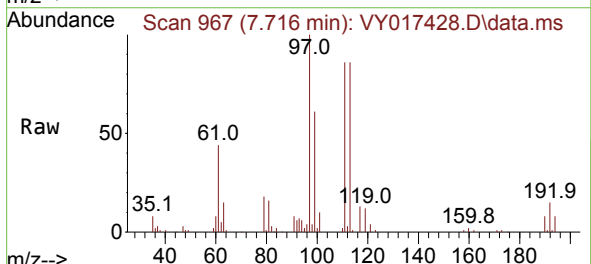
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

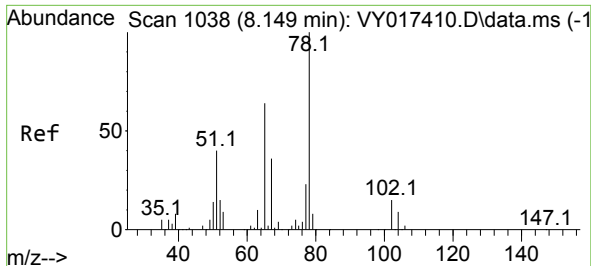
Tgt Ion: 56 Resp: 46335
Ion Ratio Lower Upper
56 100
69 41.0 28.7 43.1
84 105.1 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 19.329 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY017428.D
Acq: 21 Feb 2024 10:27

Tgt Ion: 97 Resp: 49003
Ion Ratio Lower Upper
97 100
99 63.5 50.3 75.5
61 42.3 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 48.648 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY017428.D

Acq: 21 Feb 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

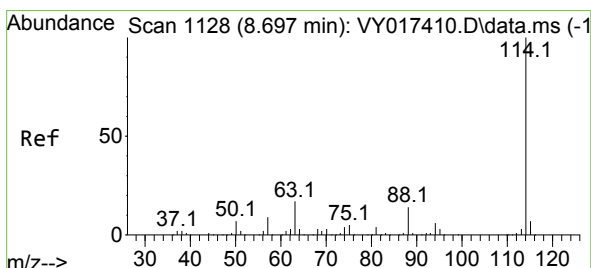
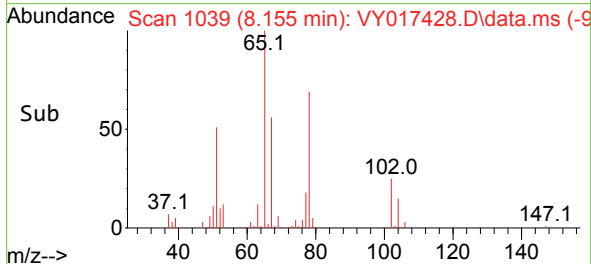
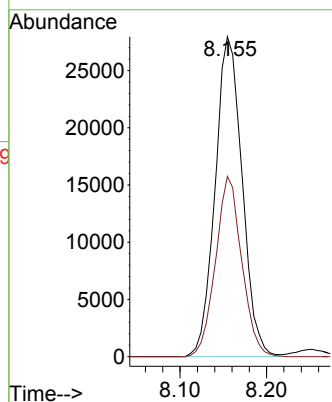
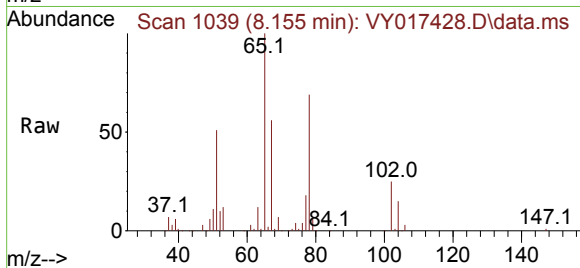
VY0221SBS01

Tgt Ion: 65 Resp: 60562

Ion Ratio Lower Upper

65 100

67 54.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY017428.D

Acq: 21 Feb 2024 10:27

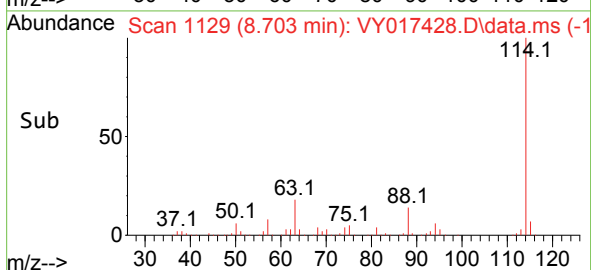
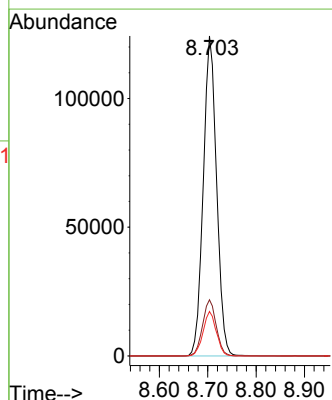
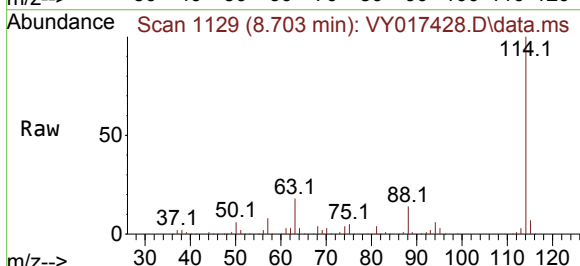
Tgt Ion: 114 Resp: 237829

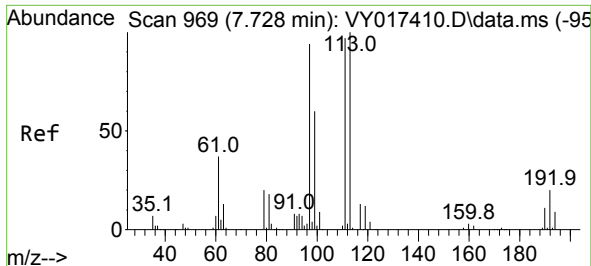
Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.0

88 13.9 0.0 27.2

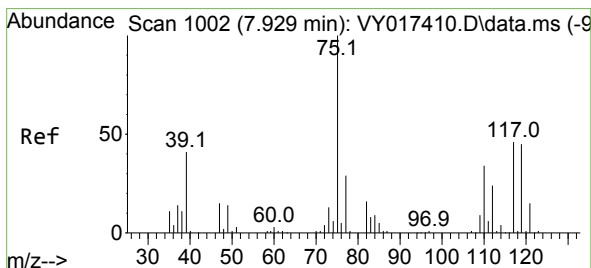
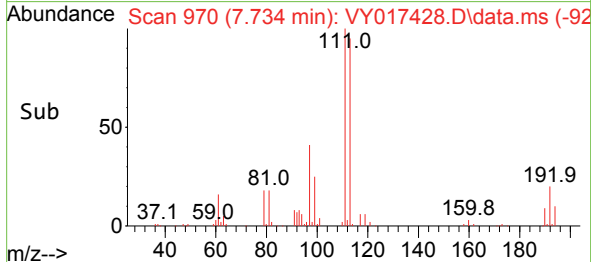
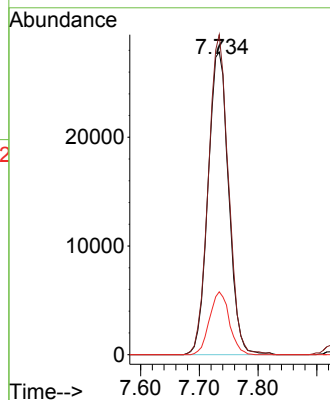
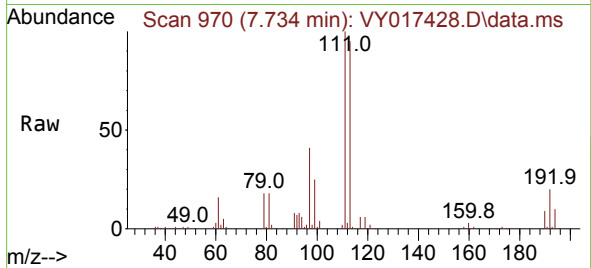




#35
Dibromofluoromethane
Concen: 48.639 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017428.D
Acq: 21 Feb 2024 10:27

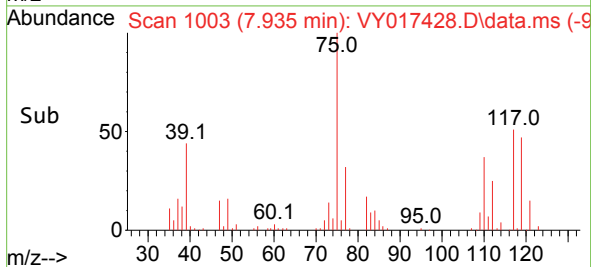
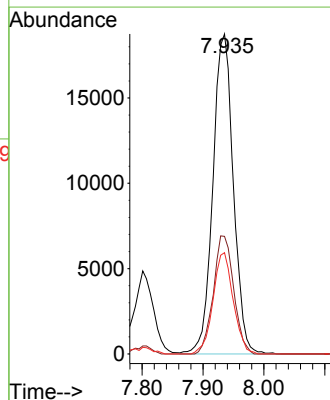
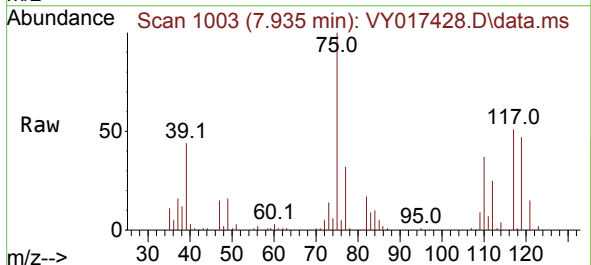
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

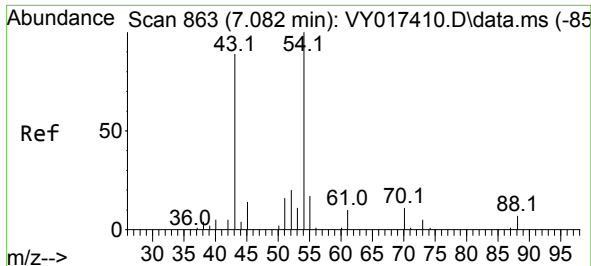
Tgt Ion:113 Resp: 67713
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 20.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 18.826 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY017428.D
Acq: 21 Feb 2024 10:27

Tgt Ion: 75 Resp: 43772
Ion Ratio Lower Upper
75 100
110 36.6 19.0 57.0
77 31.2 25.3 37.9

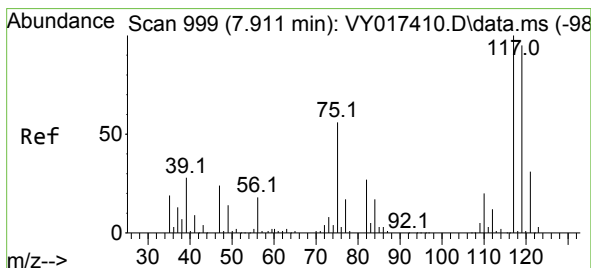
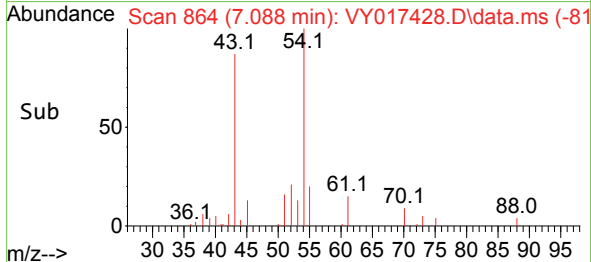
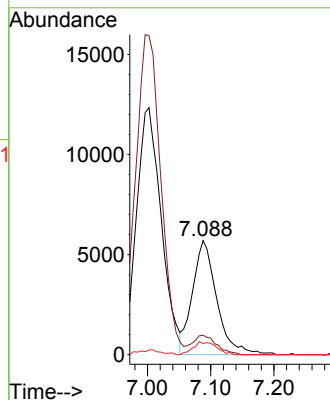
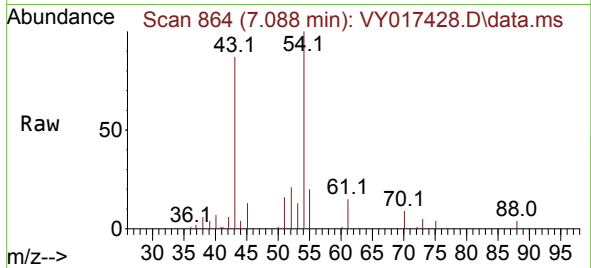




#37
Ethyl Acetate
Concen: 18.009 ug/l
RT: 7.088 min Scan# 864
Delta R.T. 0.006 min
Lab File: VY017428.D
Acq: 21 Feb 2024 10:27

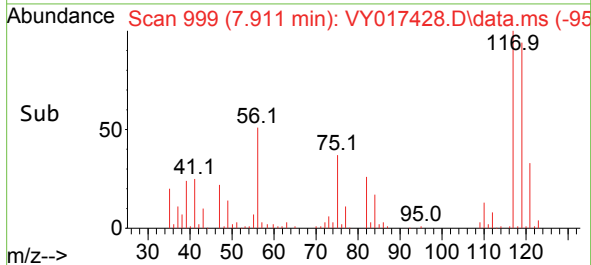
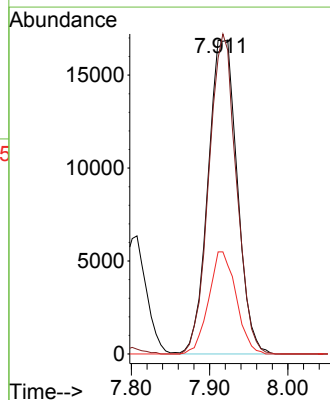
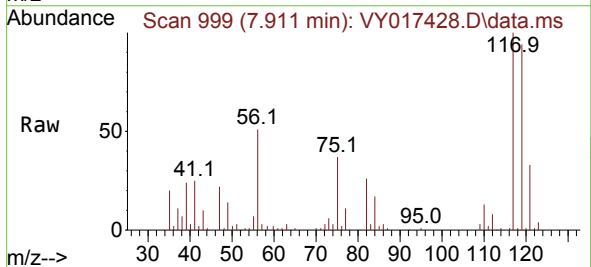
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

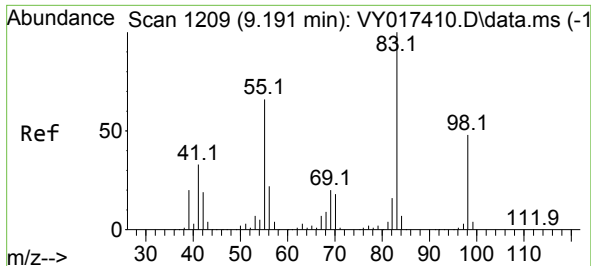
Tgt Ion: 43 Resp: 15247
Ion Ratio Lower Upper
43 100
61 16.0 12.6 19.0
70 10.7 7.8 11.8



#38
Carbon Tetrachloride
Concen: 18.901 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY017428.D
Acq: 21 Feb 2024 10:27

Tgt Ion: 117 Resp: 43755
Ion Ratio Lower Upper
117 100
119 94.4 75.8 113.6
121 32.5 24.0 36.0





#39

Methylcyclohexane

Concen: 18.419 ug/l

RT: 9.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017428.D

Acq: 21 Feb 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0221SBS01

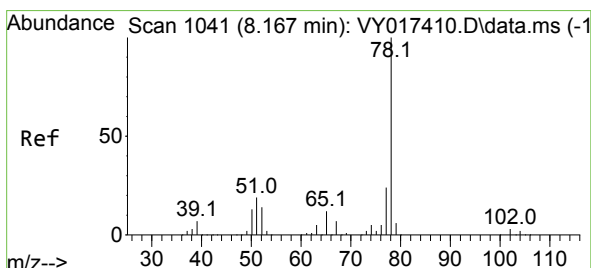
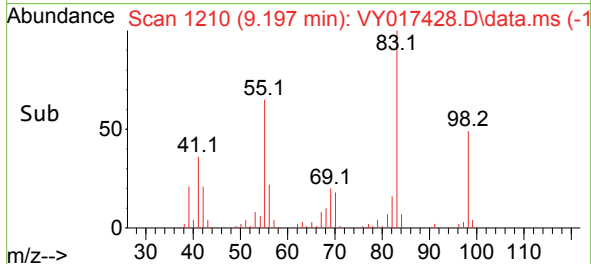
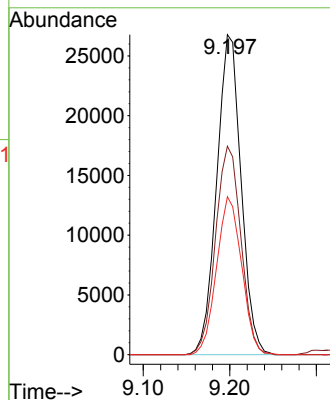
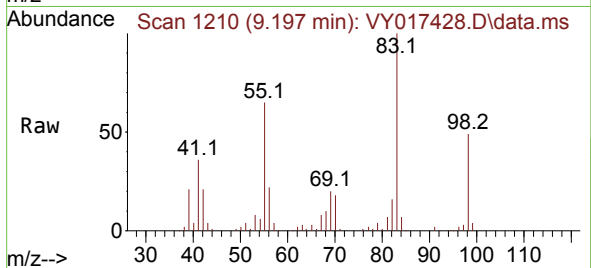
Tgt Ion: 83 Resp: 52421

Ion Ratio Lower Upper

83 100

55 65.2 51.5 77.3

98 49.3 40.5 60.7



#40

Benzene

Concen: 18.539 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VY017428.D

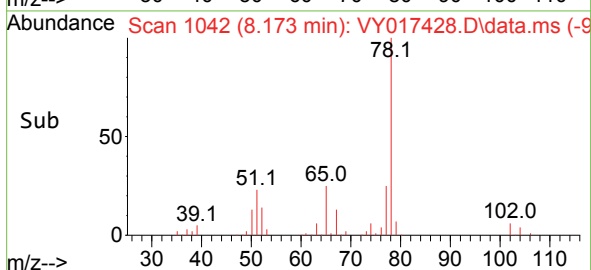
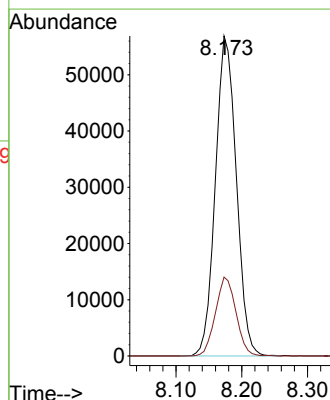
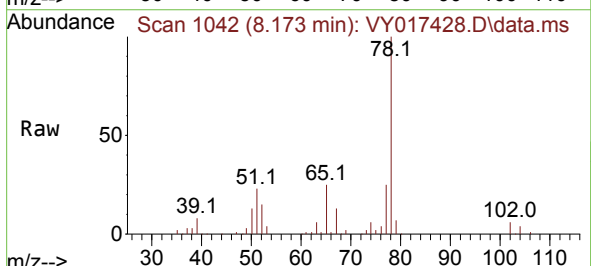
Acq: 21 Feb 2024 10:27

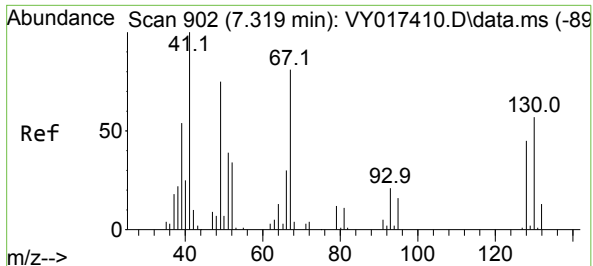
Tgt Ion: 78 Resp: 125939

Ion Ratio Lower Upper

78 100

77 24.7 19.5 29.3

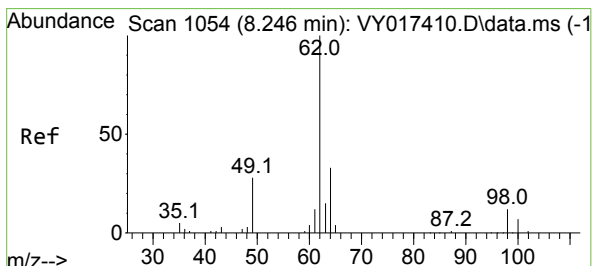
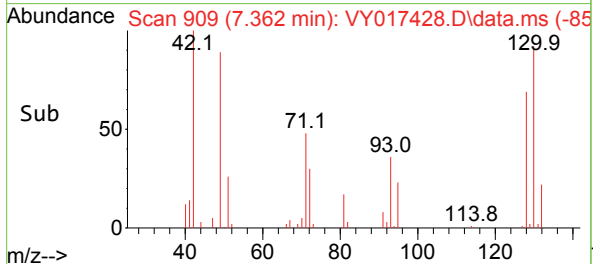
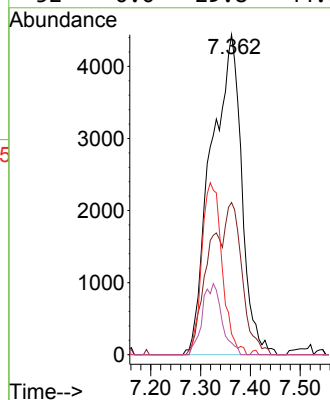
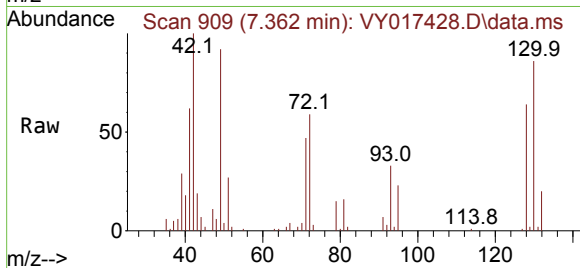




#41
Methacrylonitrile
Concen: 45.624 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.043 min
Lab File: VY017428.D
Acq: 21 Feb 2024 10:27

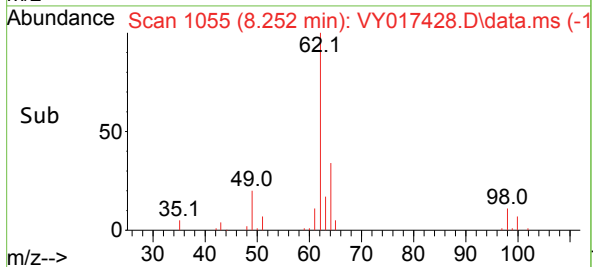
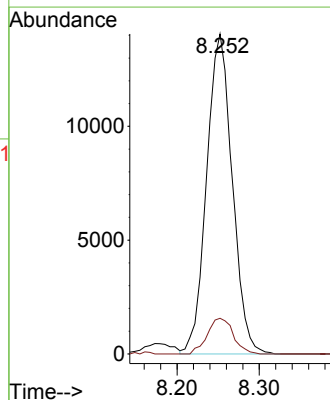
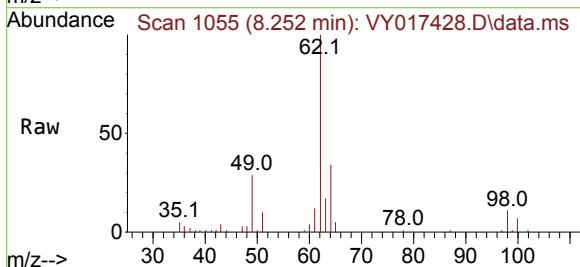
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

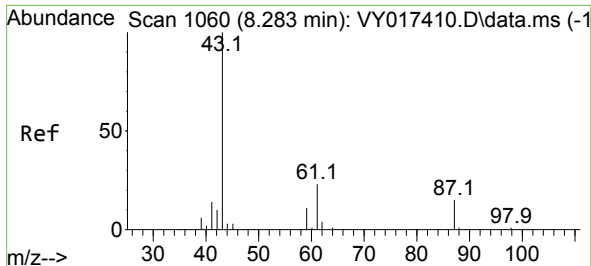
Tgt Ion:	41	Resp:	18864
Ion	Ratio	Lower	Upper
41	100		
39	26.7	48.0	72.0#
67	0.0	75.1	112.7#
52	0.0	29.8	44.6#



#42
1,2-Dichloroethane
Concen: 18.491 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY017428.D
Acq: 21 Feb 2024 10:27

Tgt Ion:	62	Resp:	30491
Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	22.0





#43

Isopropyl Acetate

Concen: 17.174 ug/l

RT: 8.283 min Scan# 1170

Delta R.T. 0.000 min

Lab File: VY017428.D

Acq: 21 Feb 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0221SBS01

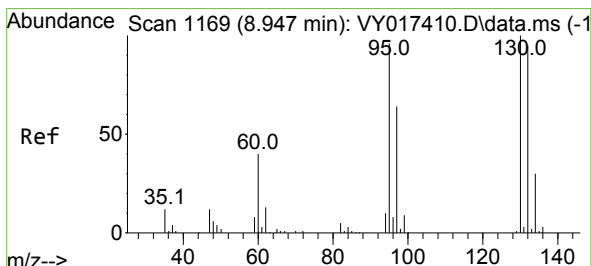
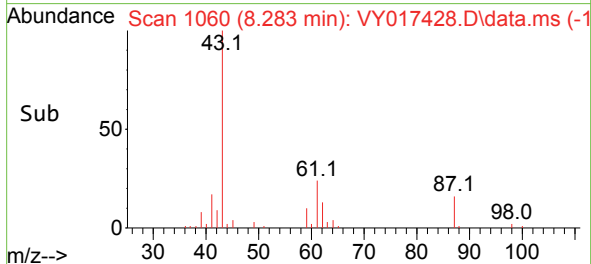
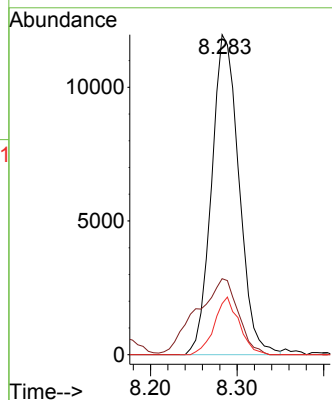
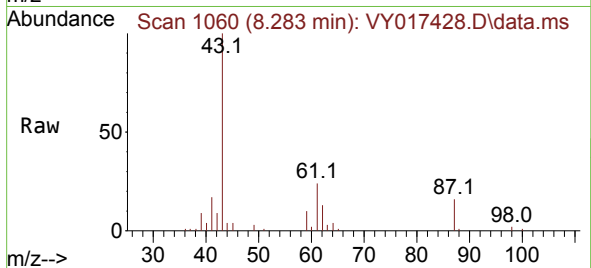
Tgt Ion: 43 Resp: 26276

Ion Ratio Lower Upper

43 100

61 35.9 27.9 41.9

87 16.3 13.1 19.7



#44

Trichloroethene

Concen: 18.676 ug/l

RT: 8.953 min Scan# 1170

Delta R.T. 0.006 min

Lab File: VY017428.D

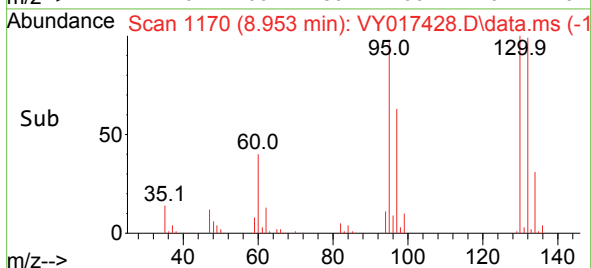
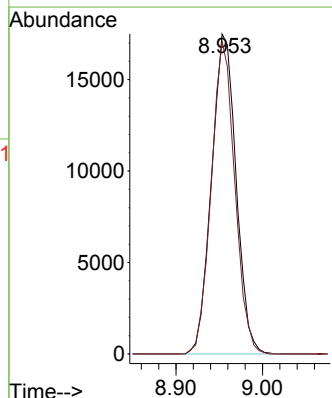
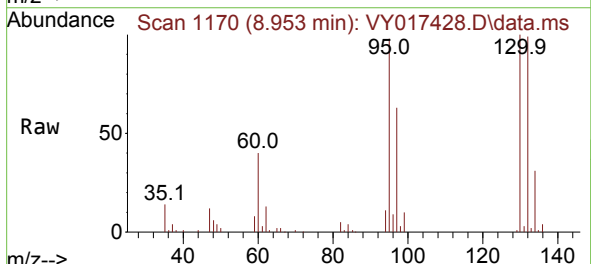
Acq: 21 Feb 2024 10:27

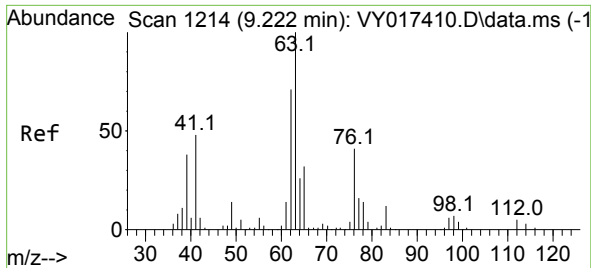
Tgt Ion:130 Resp: 34389

Ion Ratio Lower Upper

130 100

95 97.6 0.0 188.0

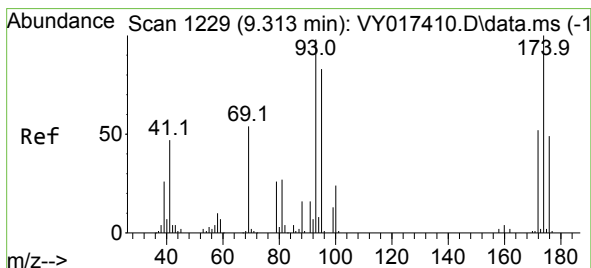
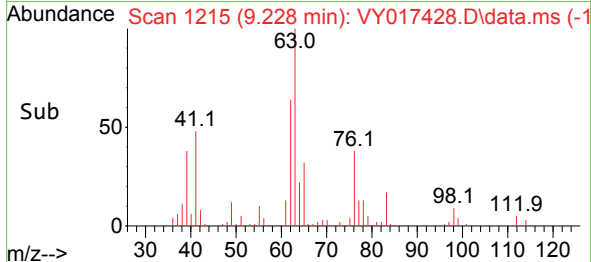
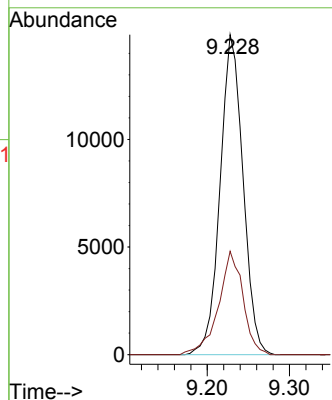
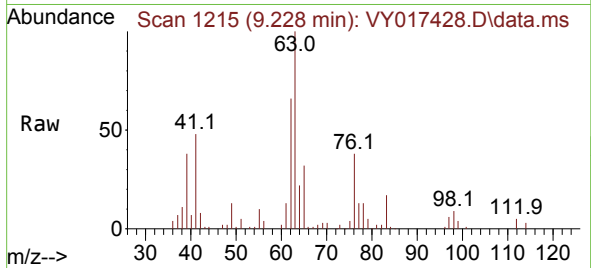




#45
1,2-Dichloropropane
Concen: 18.364 ug/l
RT: 9.228 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017428.D
Acq: 21 Feb 2024 10:27

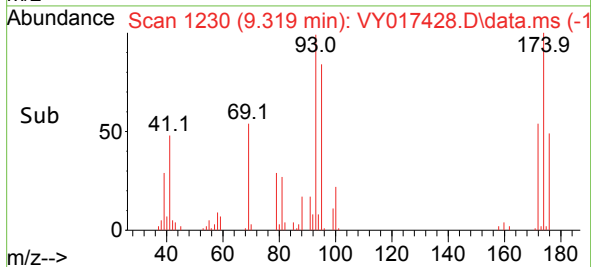
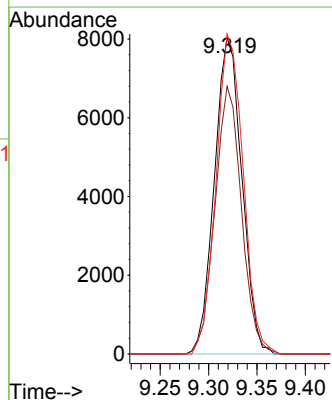
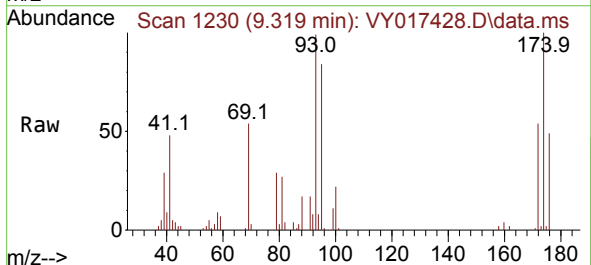
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

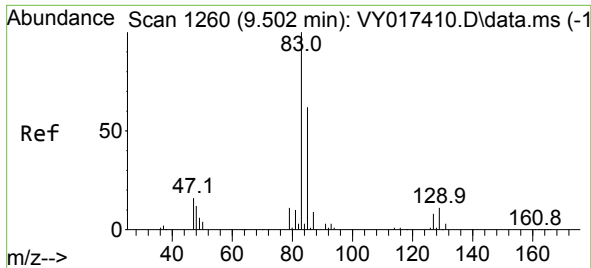
Tgt Ion: 63 Resp: 28837
Ion Ratio Lower Upper
63 100
65 32.3 25.4 38.2



#46
Dibromomethane
Concen: 17.755 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY017428.D
Acq: 21 Feb 2024 10:27

Tgt Ion: 93 Resp: 15847
Ion Ratio Lower Upper
93 100
95 81.9 66.2 99.4
174 100.0 80.9 121.3

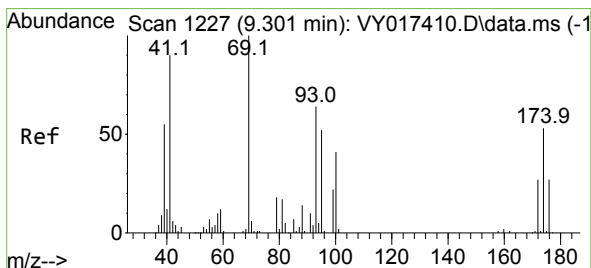
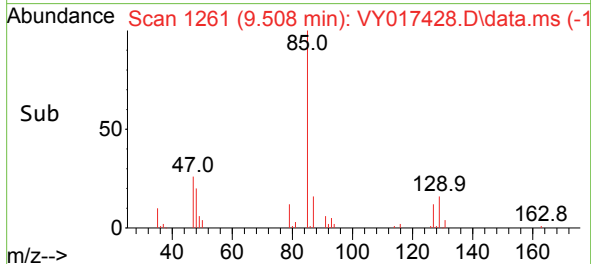
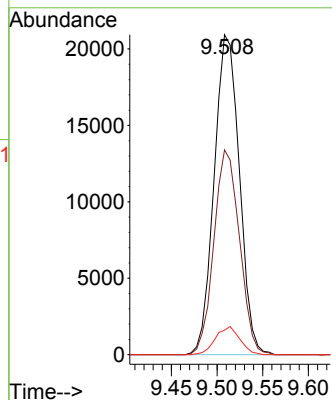
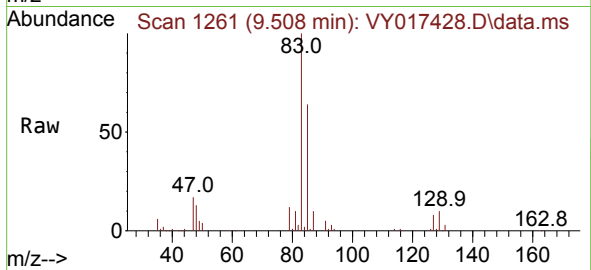




#47
Bromodichloromethane
Concen: 18.308 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VY017428.D
Acq: 21 Feb 2024 10:27

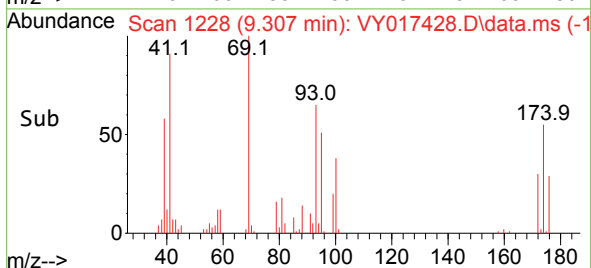
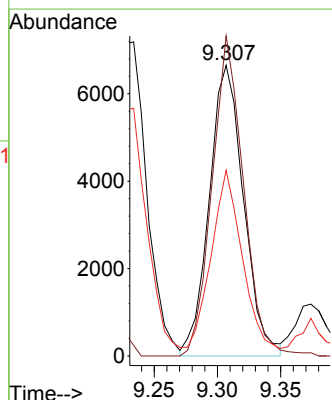
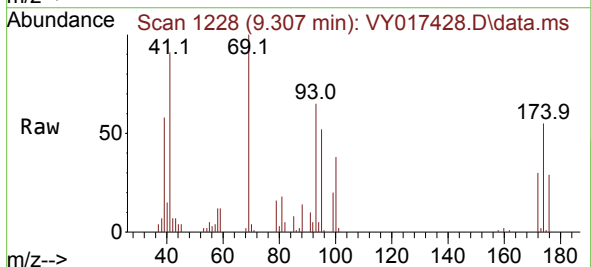
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

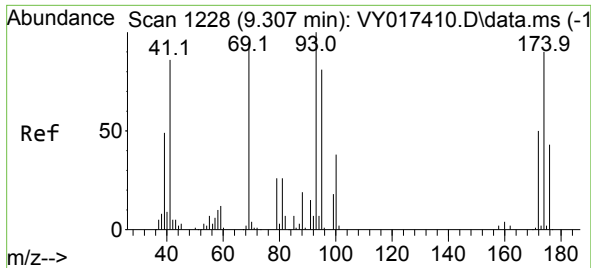
Tgt Ion: 83 Resp: 40176
Ion Ratio Lower Upper
83 100
85 64.0 50.1 75.1
127 7.6 7.4 11.0



#48
Methyl methacrylate
Concen: 17.510 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY017428.D
Acq: 21 Feb 2024 10:27

Tgt Ion: 41 Resp: 12569
Ion Ratio Lower Upper
41 100
69 100.7 84.1 126.1
39 55.2 43.6 65.4

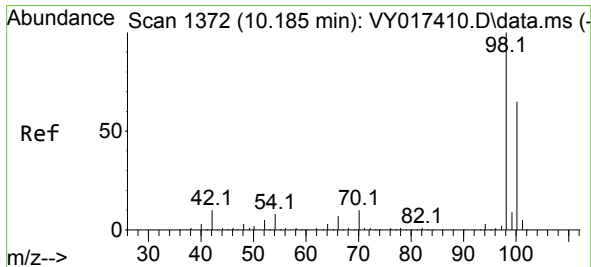
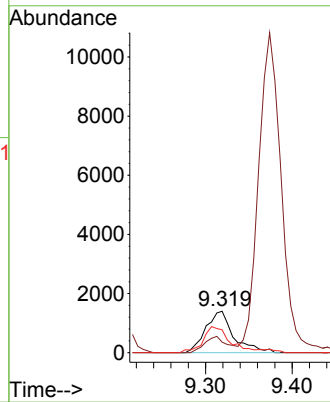
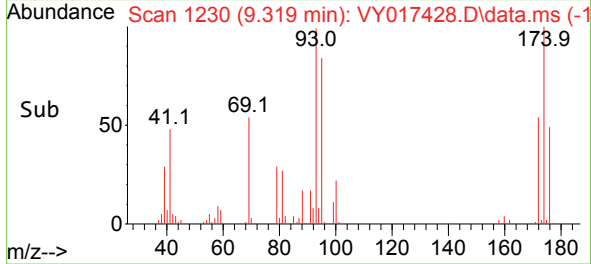
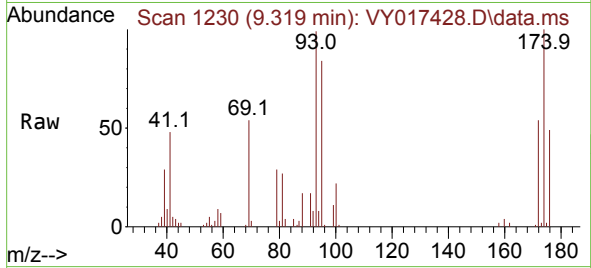




#49
1,4-Dioxane
Concen: 335.613 ug/l
RT: 9.319 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017428.D
Acq: 21 Feb 2024 10:27

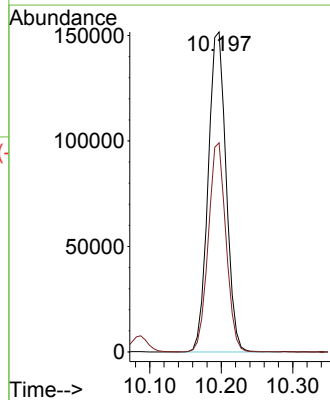
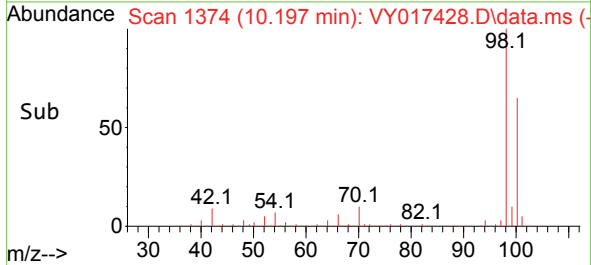
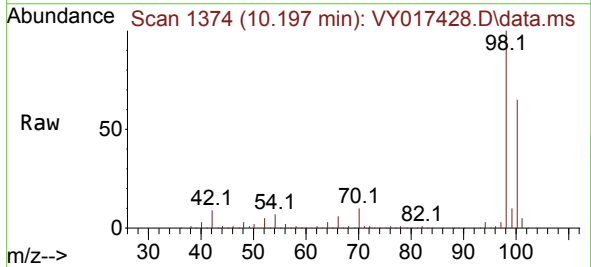
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

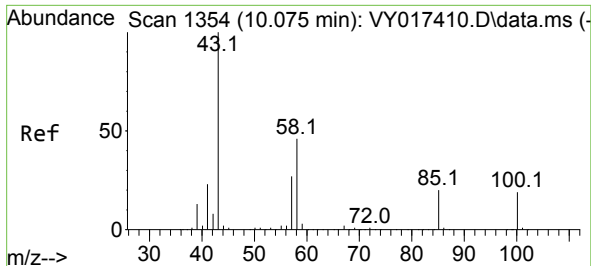
Tgt Ion: 88 Resp: 3133
Ion Ratio Lower Upper
88 100
43 32.5 0.0 0.0#
58 64.5 49.3 73.9



#50
Toluene-d8
Concen: 48.898 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.012 min
Lab File: VY017428.D
Acq: 21 Feb 2024 10:27

Tgt Ion: 98 Resp: 264017
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0

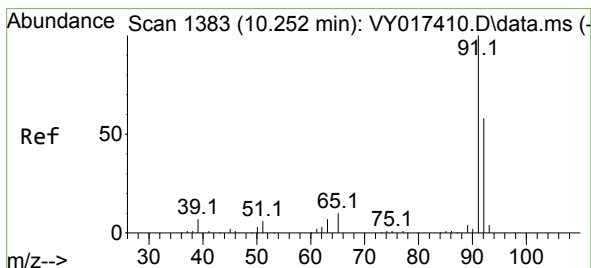
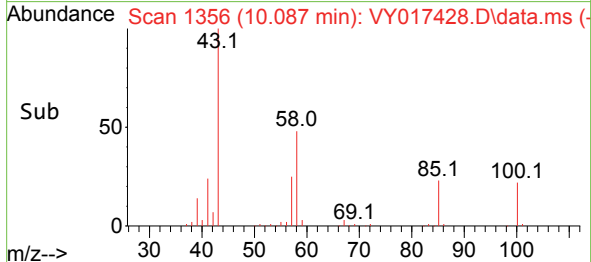
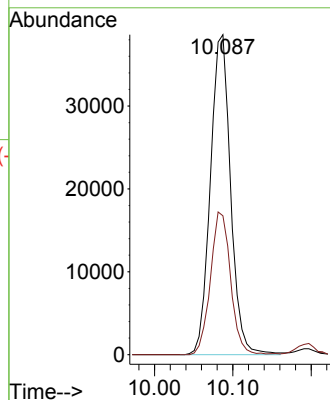
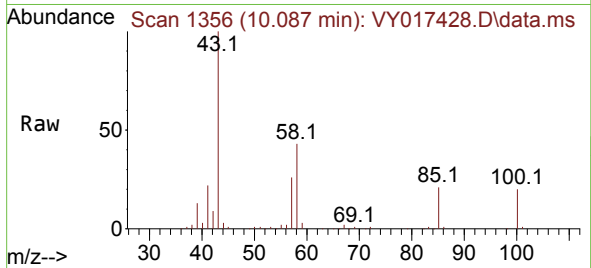




#51
4-Methyl-2-Pentanone
Concen: 84.014 ug/l
RT: 10.087 min Scan# 1355
Delta R.T. 0.012 min
Lab File: VY017428.D
Acq: 21 Feb 2024 10:27

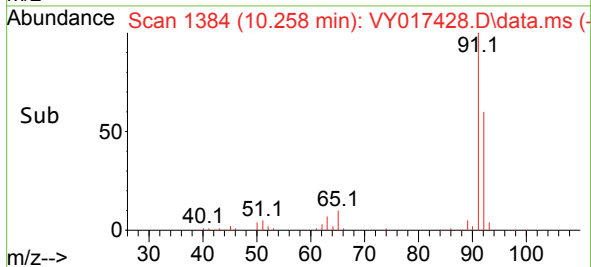
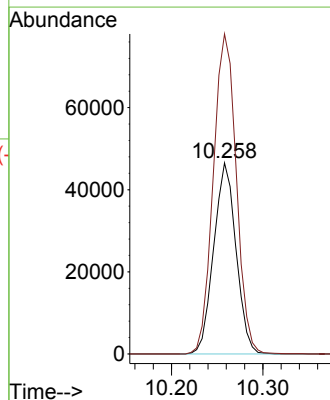
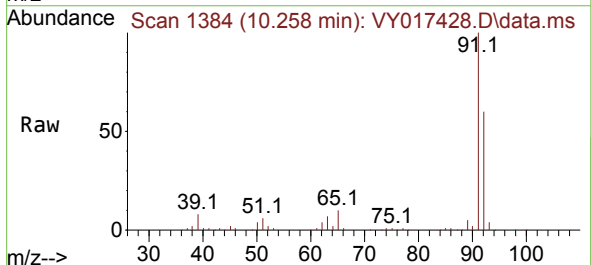
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

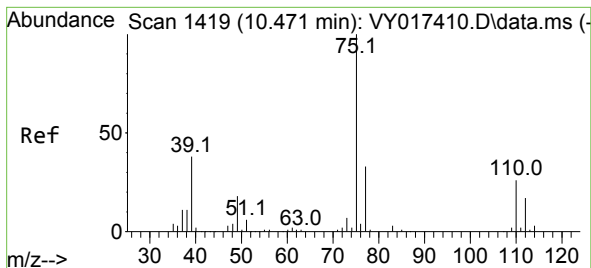
Tgt Ion: 43 Resp: 69260
Ion Ratio Lower Upper
43 100
58 44.4 35.7 53.5



#52
Toluene
Concen: 18.615 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY017428.D
Acq: 21 Feb 2024 10:27

Tgt Ion: 92 Resp: 78945
Ion Ratio Lower Upper
92 100
91 172.7 139.0 208.6

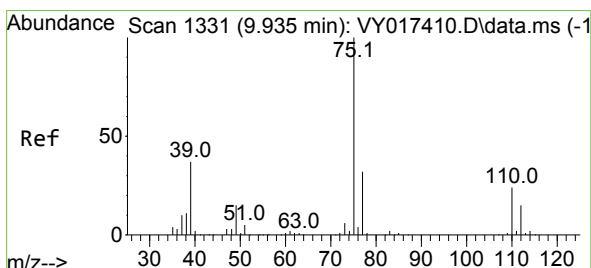
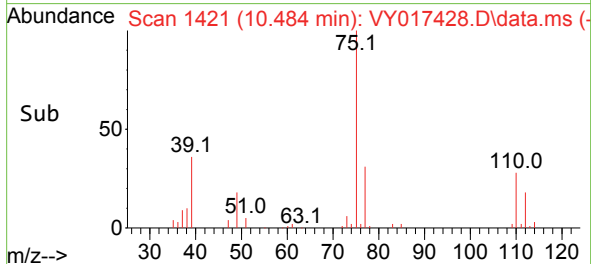
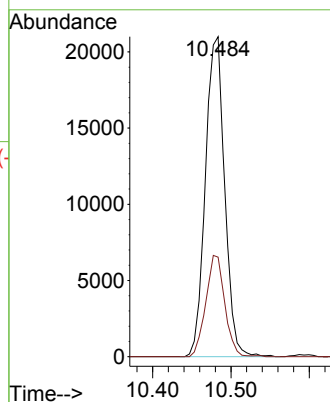
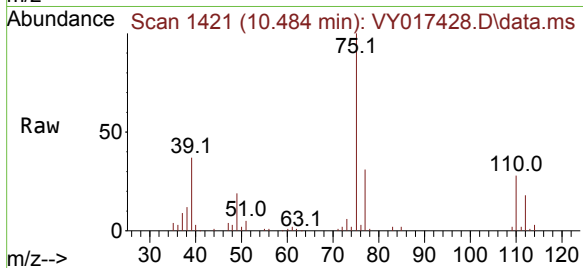




#53
 t-1,3-Dichloropropene
 Concen: 17.638 ug/l
 RT: 10.484 min Scan# 1419
 Delta R.T. 0.012 min
 Lab File: VY017428.D
 Acq: 21 Feb 2024 10:27

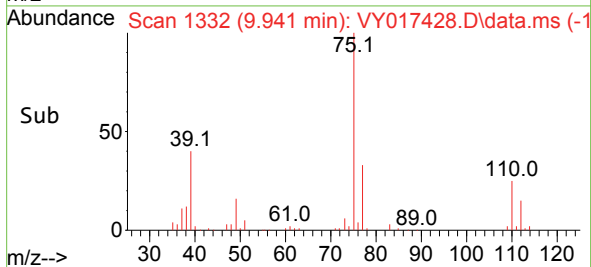
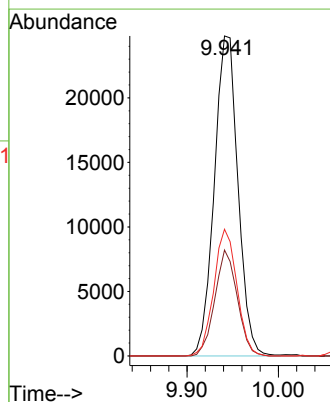
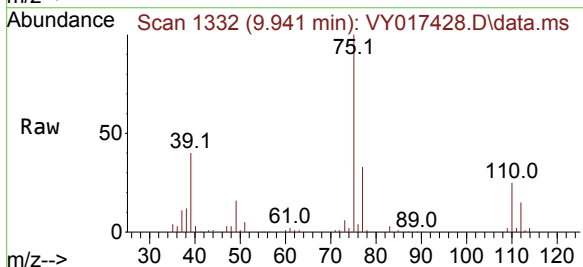
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0221SBS01

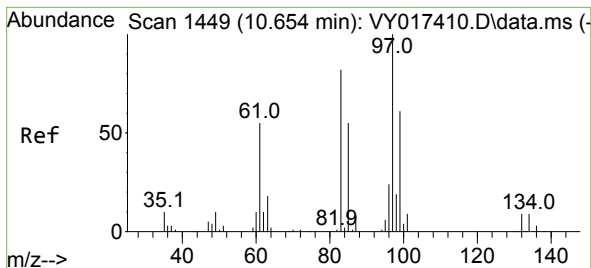
Tgt Ion: 75 Resp: 35841
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 17.910 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. 0.006 min
 Lab File: VY017428.D
 Acq: 21 Feb 2024 10:27

Tgt Ion: 75 Resp: 44650
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.4 38.0
 39 39.6 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 17.821 ug/l

RT: 10.660 min Scan# 1449

Delta R.T. 0.006 min

Lab File: VY017428.D

Acq: 21 Feb 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0221SBS01

Tgt Ion: 97 Resp: 21885

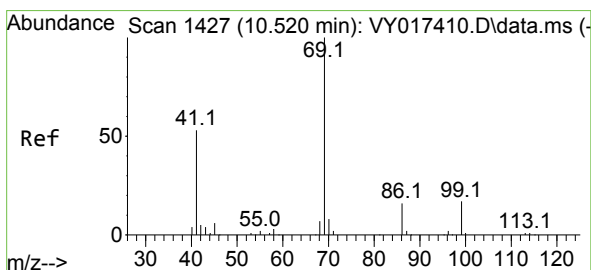
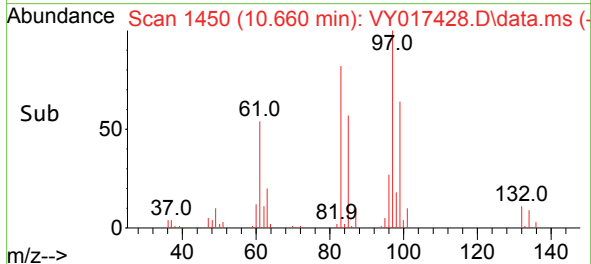
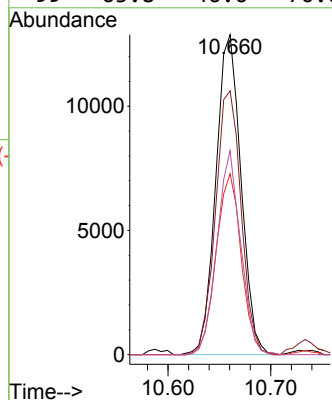
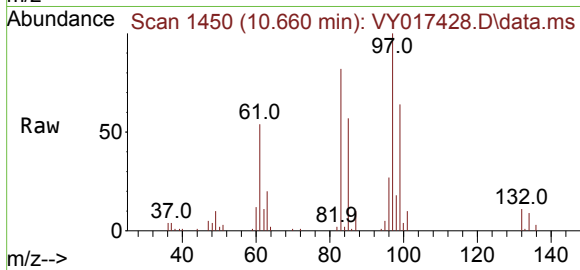
Ion Ratio Lower Upper

97 100

83 82.5 67.5 101.3

85 56.5 42.9 64.3

99 63.8 46.6 70.0



#56

Ethyl methacrylate

Concen: 17.719 ug/l

RT: 10.526 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VY017428.D

Acq: 21 Feb 2024 10:27

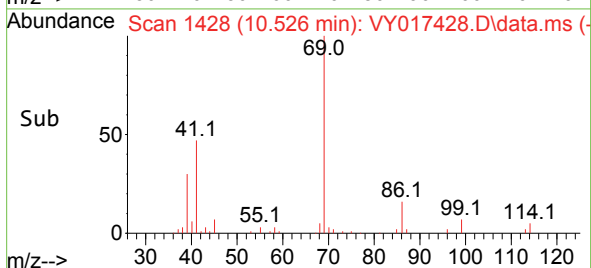
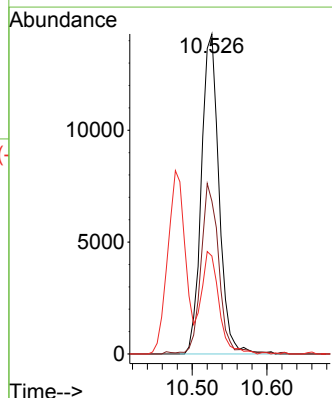
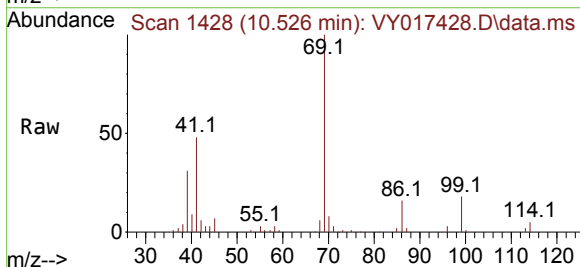
Tgt Ion: 69 Resp: 23451

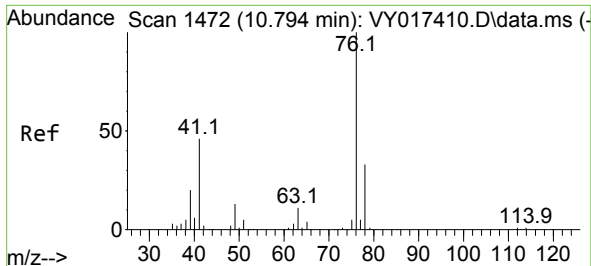
Ion Ratio Lower Upper

69 100

41 53.8 42.3 63.5

39 32.1 22.9 34.3

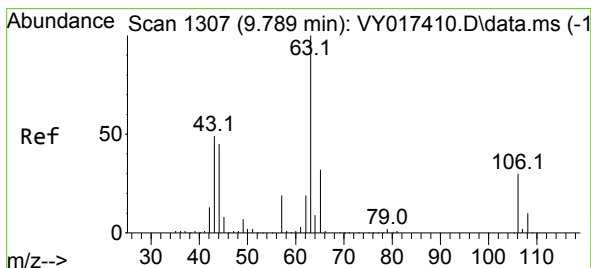
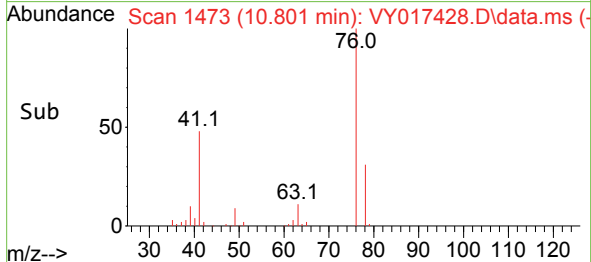
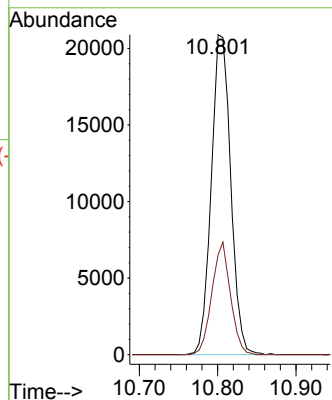
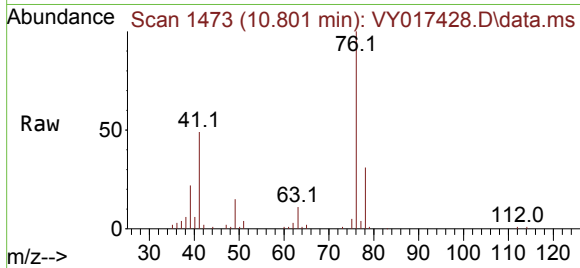




#57
1,3-Dichloropropane
Concen: 17.742 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VY017428.D
Acq: 21 Feb 2024 10:27

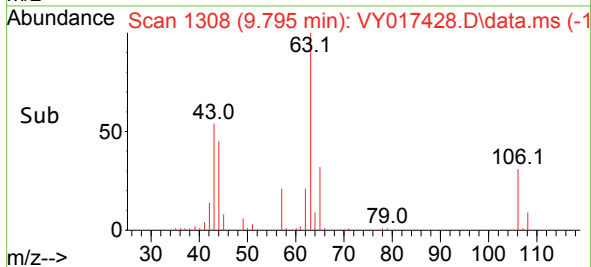
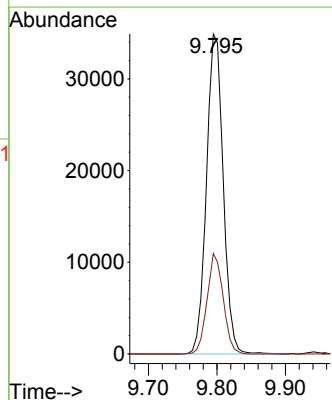
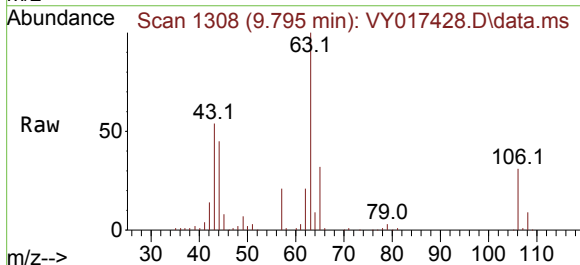
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

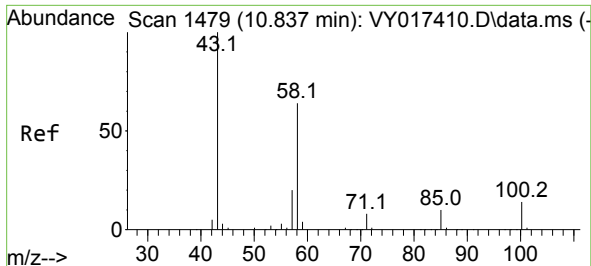
Tgt Ion: 76 Resp: 36050
Ion Ratio Lower Upper
76 100
78 33.5 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 81.069 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. 0.006 min
Lab File: VY017428.D
Acq: 21 Feb 2024 10:27

Tgt Ion: 63 Resp: 59486
Ion Ratio Lower Upper
63 100
106 30.2 23.7 35.5

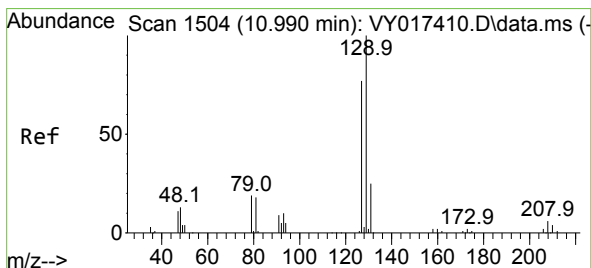
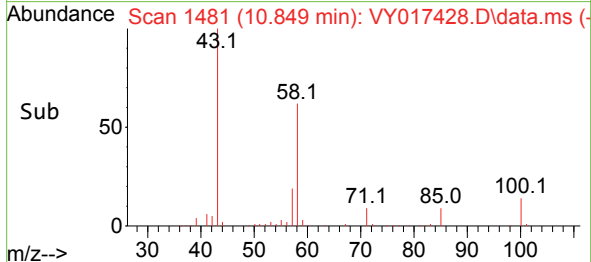
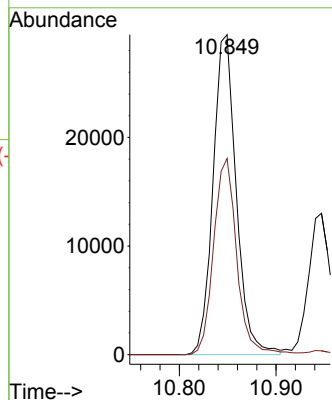
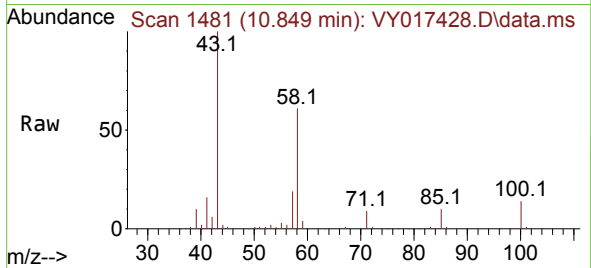




#59
2-Hexanone
Concen: 86.423 ug/l
RT: 10.849 min Scan# 1479
Delta R.T. 0.012 min
Lab File: VY017428.D
Acq: 21 Feb 2024 10:27

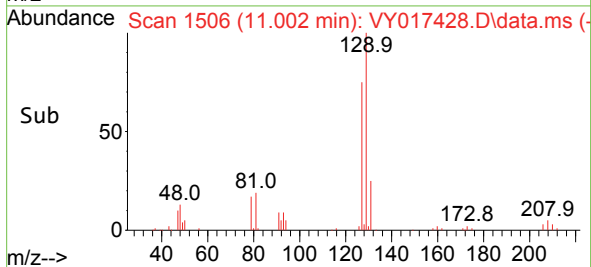
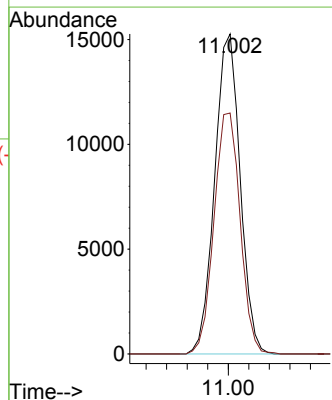
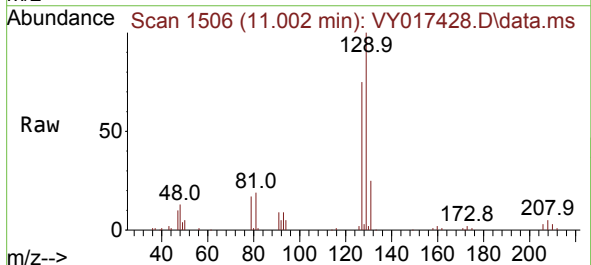
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

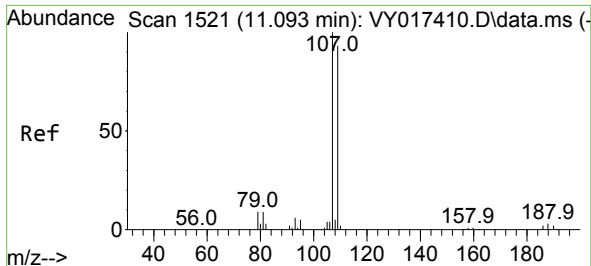
Tgt Ion: 43 Resp: 49073
Ion Ratio Lower Upper
43 100
58 61.2 31.4 94.0



#60
Dibromochloromethane
Concen: 17.978 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.012 min
Lab File: VY017428.D
Acq: 21 Feb 2024 10:27

Tgt Ion: 129 Resp: 26245
Ion Ratio Lower Upper
129 100
127 77.2 39.0 117.0

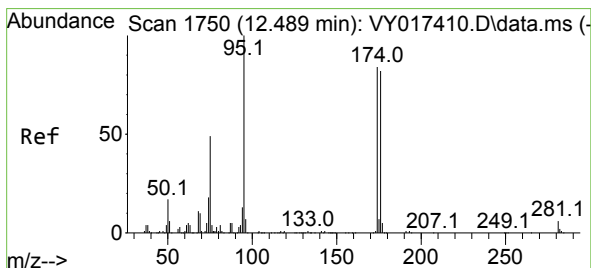
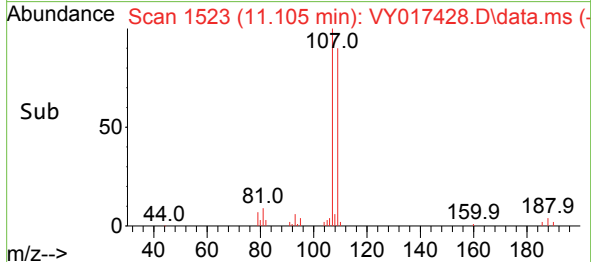
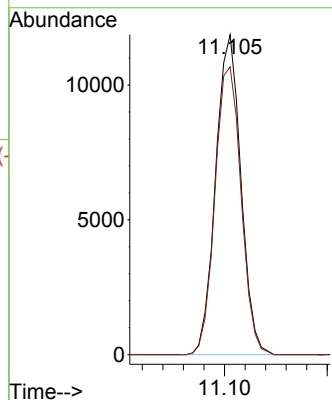
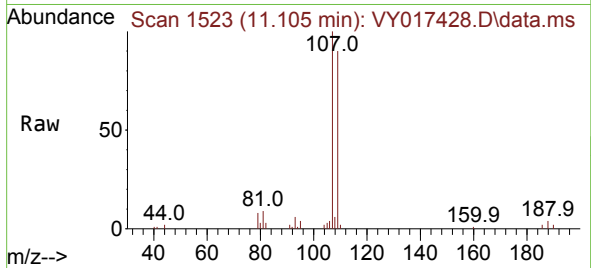




#61
1,2-Dibromoethane
Concen: 17.545 ug/l
RT: 11.105 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017428.D
Acq: 21 Feb 2024 10:27

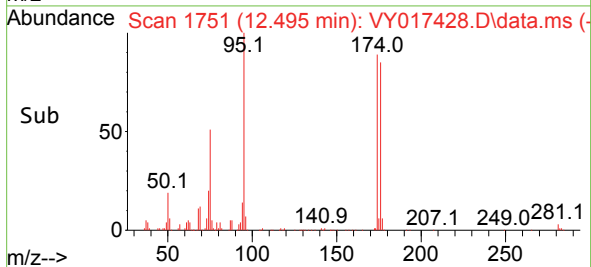
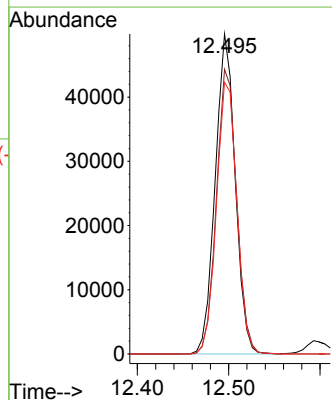
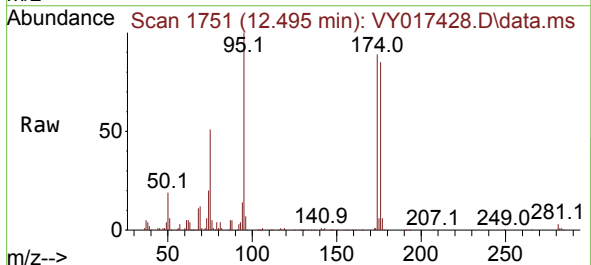
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

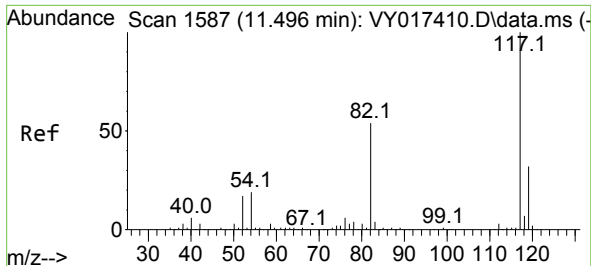
Tgt Ion:107 Resp: 20158
Ion Ratio Lower Upper
107 100
109 93.1 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 42.277 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017428.D
Acq: 21 Feb 2024 10:27

Tgt Ion: 95 Resp: 75633
Ion Ratio Lower Upper
95 100
174 90.0 0.0 175.6
176 87.0 0.0 171.4

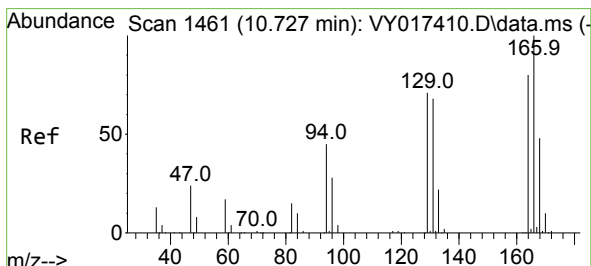
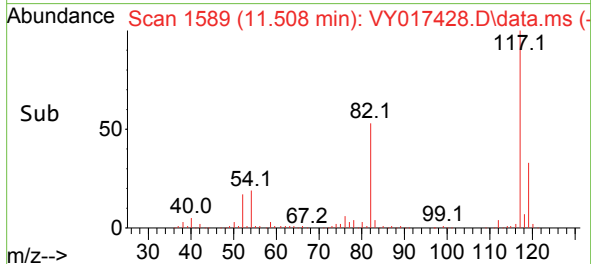
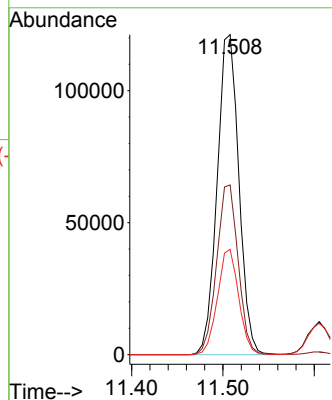
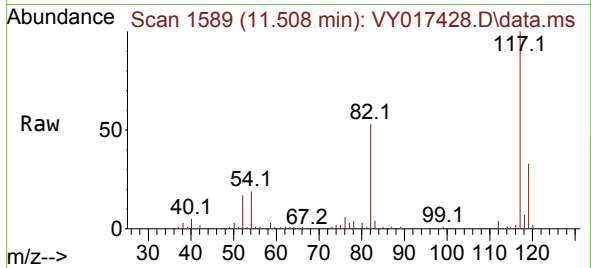




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017428.D
Acq: 21 Feb 2024 10:27

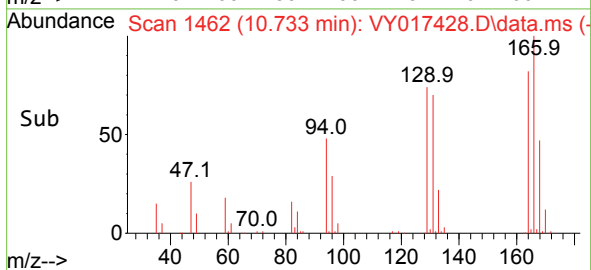
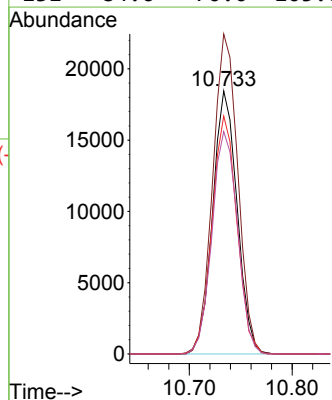
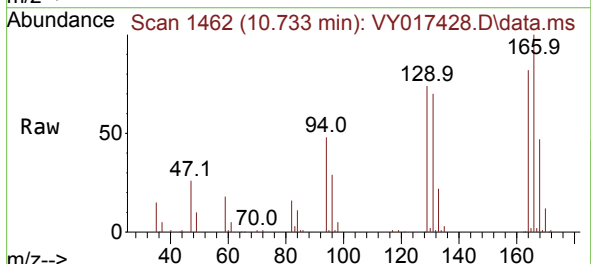
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

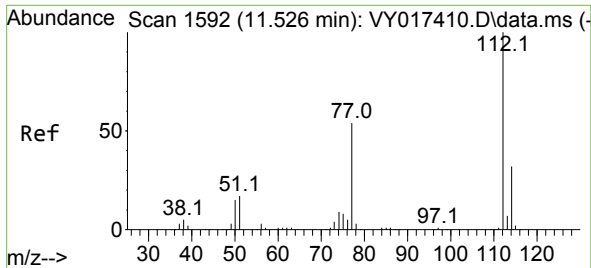
Tgt Ion:117 Resp: 200470
Ion Ratio Lower Upper
117 100
82 53.1 42.4 63.6
119 32.9 25.9 38.9



#64
Tetrachloroethene
Concen: 19.011 ug/l
RT: 10.733 min Scan# 1462
Delta R.T. 0.006 min
Lab File: VY017428.D
Acq: 21 Feb 2024 10:27

Tgt Ion:164 Resp: 30501
Ion Ratio Lower Upper
164 100
166 121.6 102.6 154.0
129 90.5 72.0 108.0
131 84.6 70.0 105.0

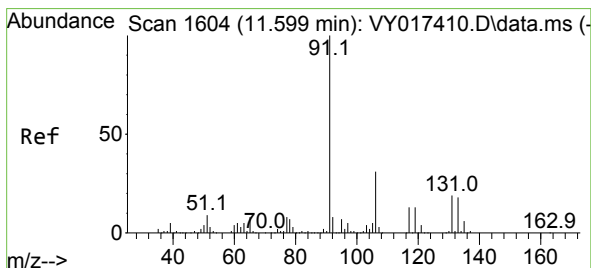
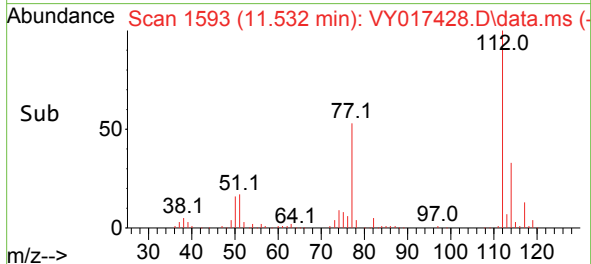
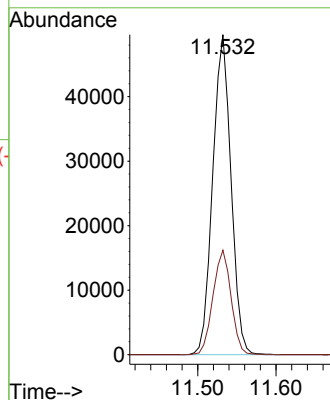
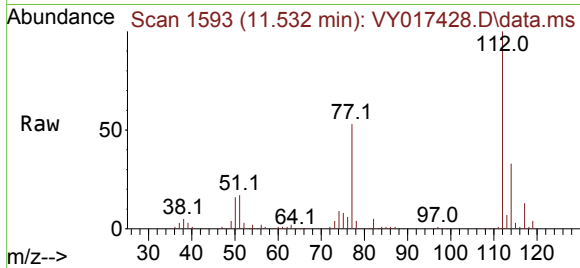




#65
Chlorobenzene
Concen: 18.613 ug/l
RT: 11.532 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017428.D
Acq: 21 Feb 2024 10:27

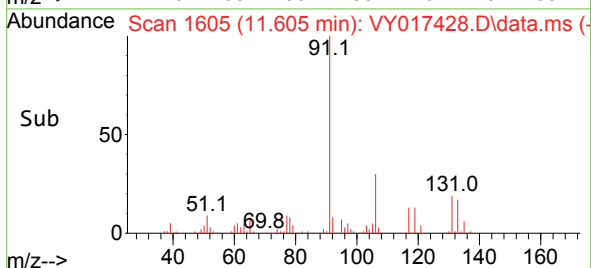
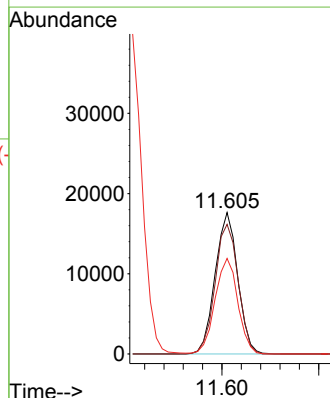
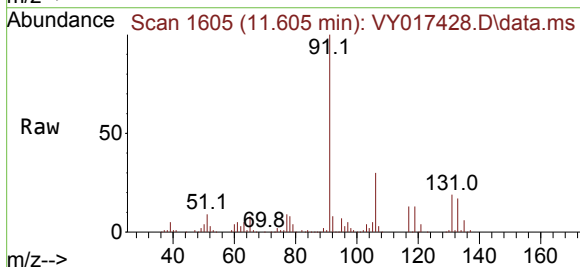
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

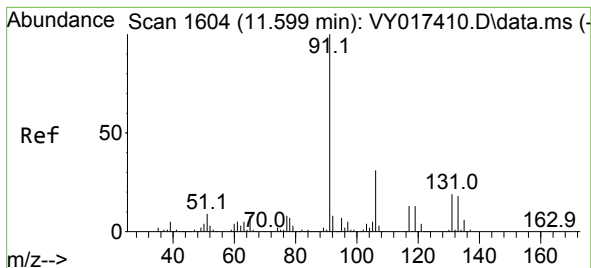
Tgt Ion:112 Resp: 80385
Ion Ratio Lower Upper
112 100
114 32.6 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 17.758 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY017428.D
Acq: 21 Feb 2024 10:27

Tgt Ion:131 Resp: 28559
Ion Ratio Lower Upper
131 100
133 93.7 47.8 143.3
119 68.2 34.1 102.2





#67

Ethyl Benzene

Concen: 18.604 ug/l

RT: 11.605 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017428.D

Acq: 21 Feb 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

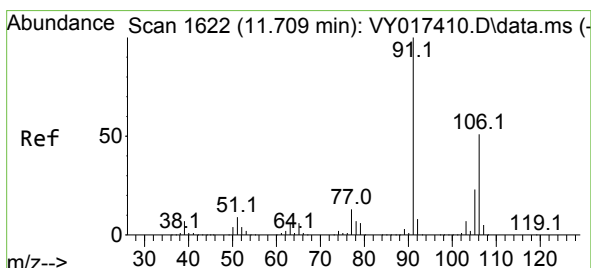
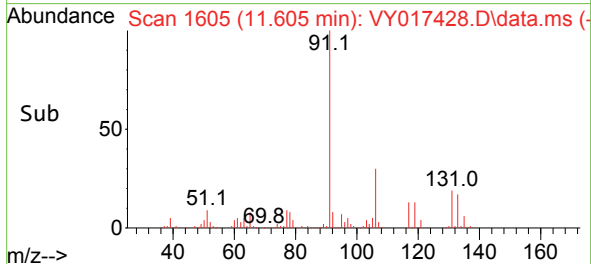
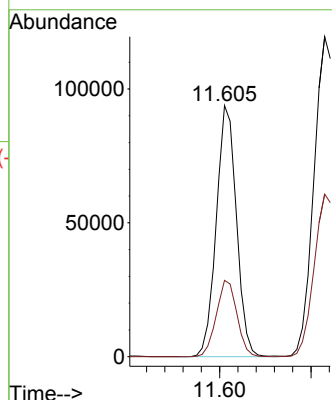
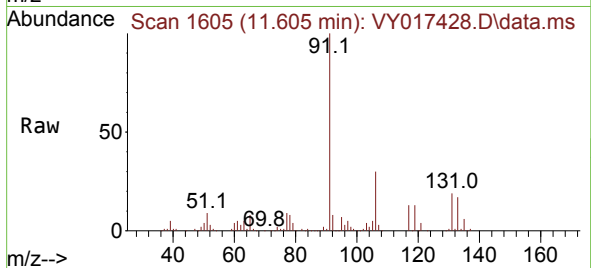
VY0221SBS01

Tgt Ion: 91 Resp: 143700

Ion Ratio Lower Upper

91 100

106 30.4 24.5 36.7



#68

m/p-Xylenes

Concen: 36.788 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY017428.D

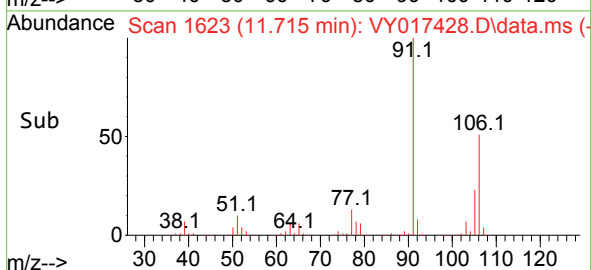
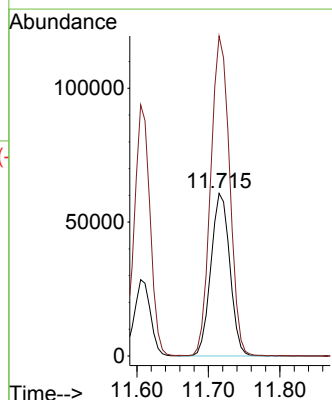
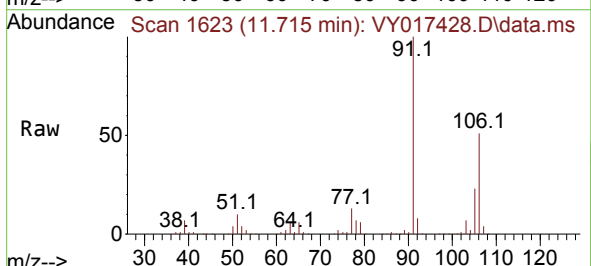
Acq: 21 Feb 2024 10:27

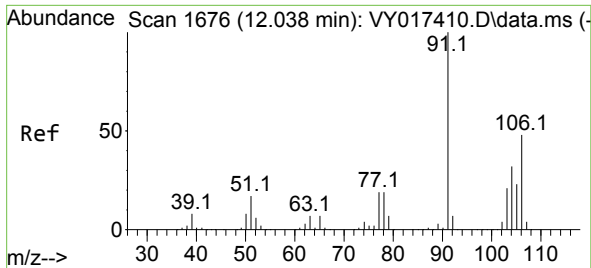
Tgt Ion:106 Resp: 111703

Ion Ratio Lower Upper

106 100

91 196.5 156.0 234.0

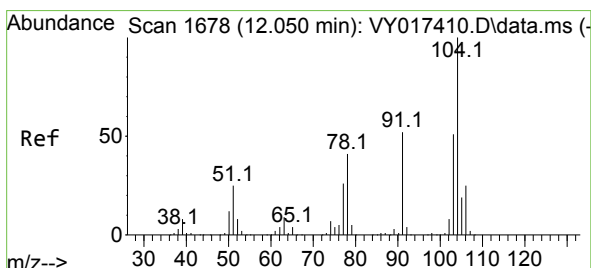
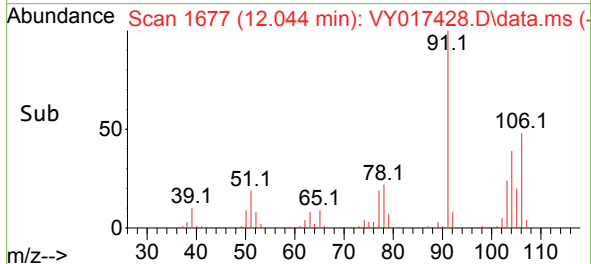
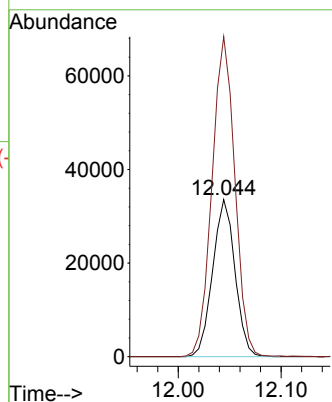
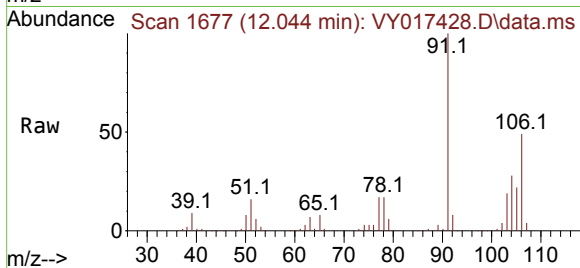




#69
o-Xylene
Concen: 18.154 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY017428.D
Acq: 21 Feb 2024 10:27

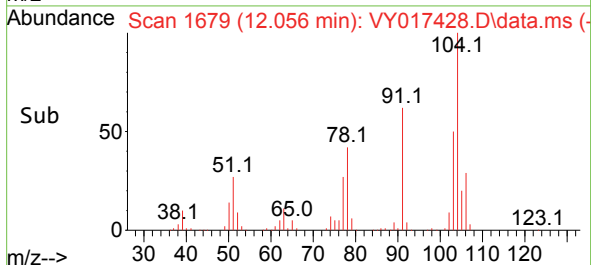
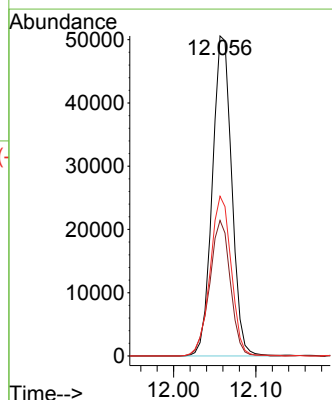
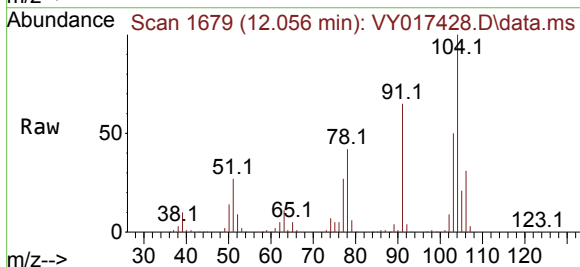
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

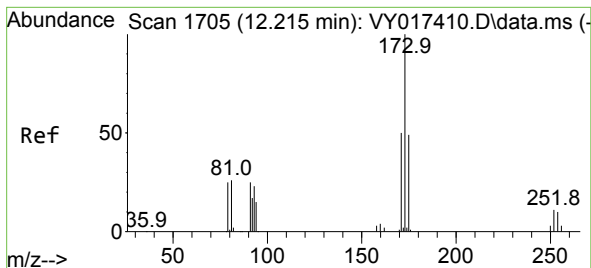
Tgt Ion:106 Resp: 50570
Ion Ratio Lower Upper
106 100
91 208.6 103.6 310.8



#70
Styrene
Concen: 18.121 ug/l
RT: 12.056 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY017428.D
Acq: 21 Feb 2024 10:27

Tgt Ion:104 Resp: 82906
Ion Ratio Lower Upper
104 100
78 45.3 37.0 55.4
103 54.3 44.2 66.2





#71

Bromoform

Concen: 17.537 ug/l

RT: 12.221 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017428.D

Acq: 21 Feb 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0221SBS01

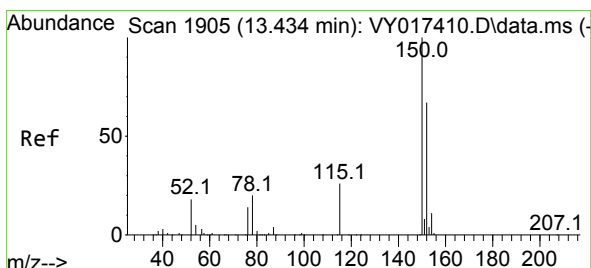
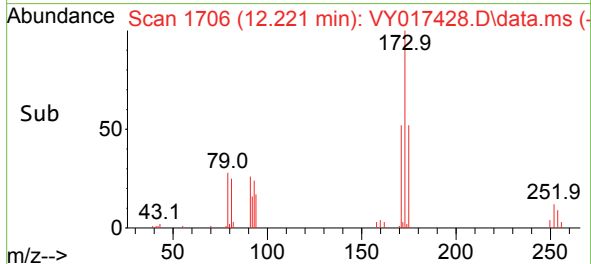
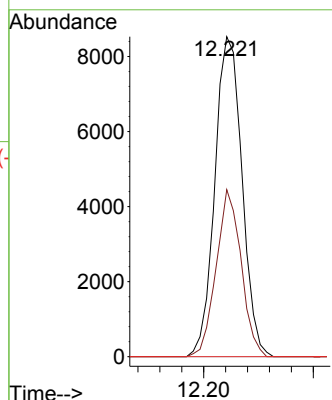
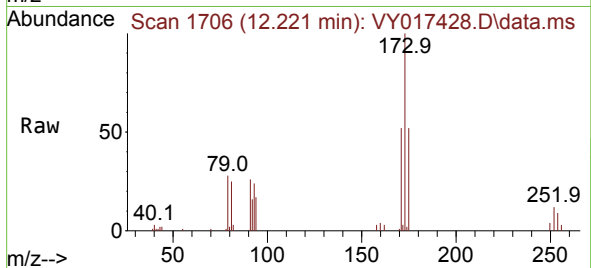
Tgt Ion:173 Resp: 14674

Ion Ratio Lower Upper

173 100

175 48.0 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY017428.D

Acq: 21 Feb 2024 10:27

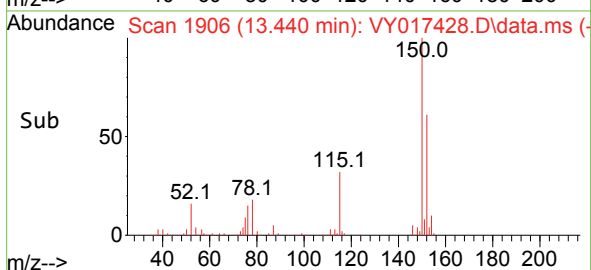
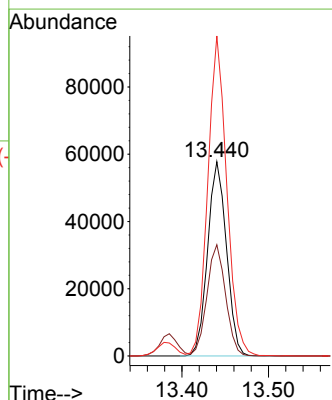
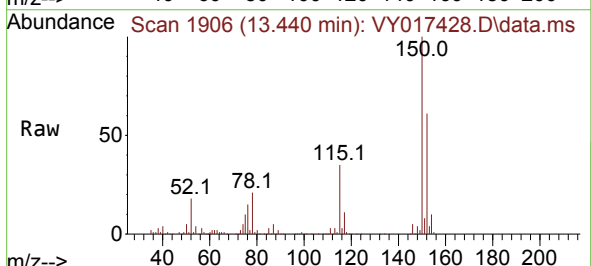
Tgt Ion:152 Resp: 87349

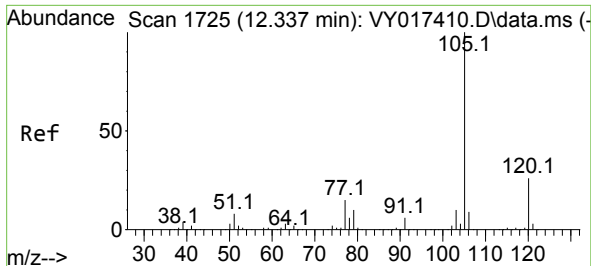
Ion Ratio Lower Upper

152 100

115 56.7 28.2 84.7

150 165.6 0.0 345.6

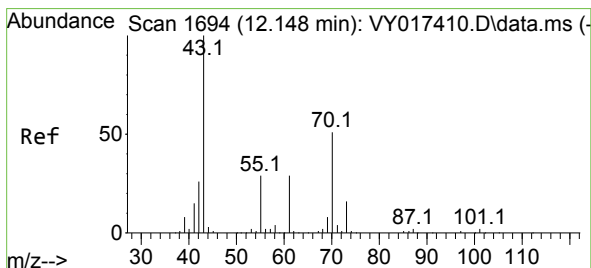
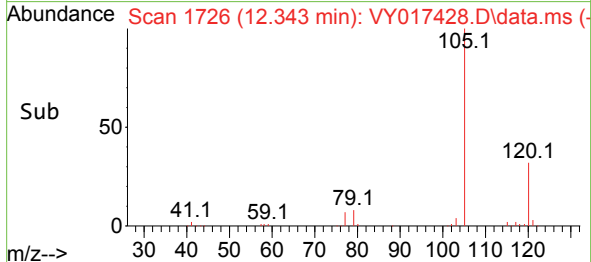
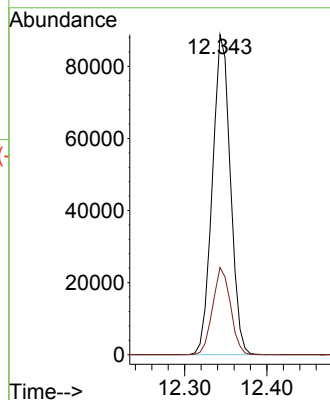
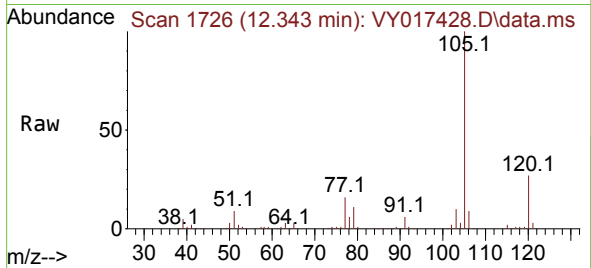




#73
Isopropylbenzene
Concen: 20.022 ug/l
RT: 12.343 min Scan# 1725
Delta R.T. 0.006 min
Lab File: VY017428.D
Acq: 21 Feb 2024 10:27

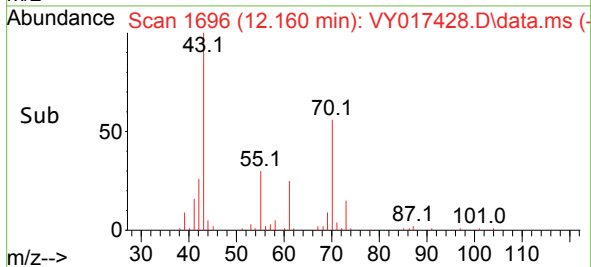
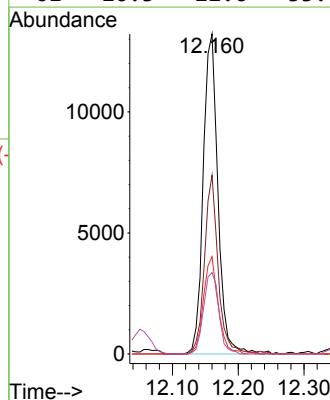
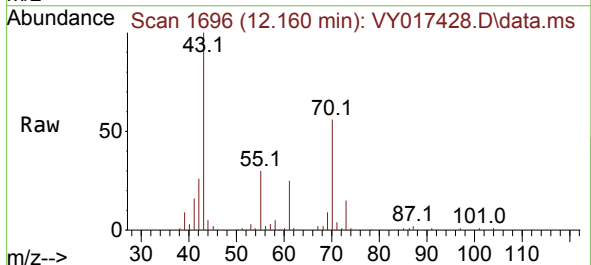
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

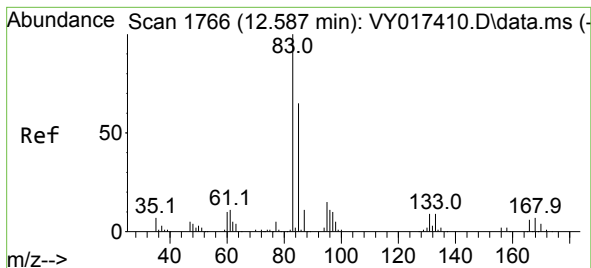
Tgt Ion:105 Resp: 135094
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.1



#74
N-ethyl acetate
Concen: 17.572 ug/l
RT: 12.160 min Scan# 1696
Delta R.T. 0.012 min
Lab File: VY017428.D
Acq: 21 Feb 2024 10:27

Tgt Ion: 43 Resp: 20644
Ion Ratio Lower Upper
43 100
70 51.7 41.4 62.2
55 30.3 23.3 34.9
61 26.3 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.186 ug/l

RT: 12.599 min Scan# 1768

Delta R.T. 0.012 min

Lab File: VY017428.D

Acq: 21 Feb 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0221SBS01

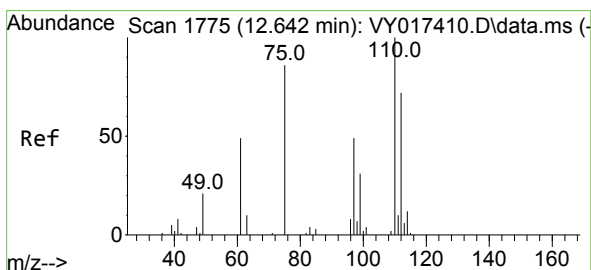
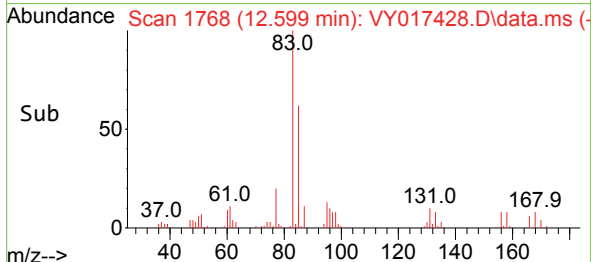
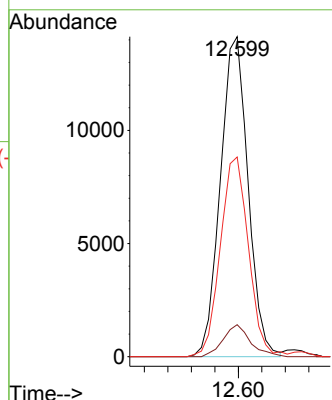
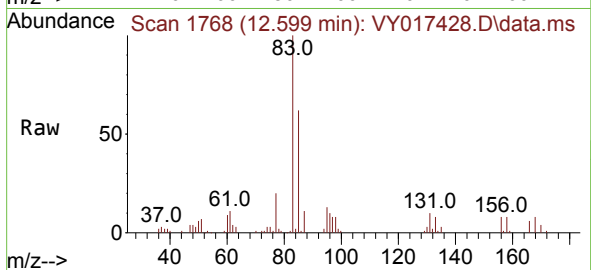
Tgt Ion: 83 Resp: 23136

Ion Ratio Lower Upper

83 100

131 9.8 5.0 14.9

85 63.5 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 32.683 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VY017428.D

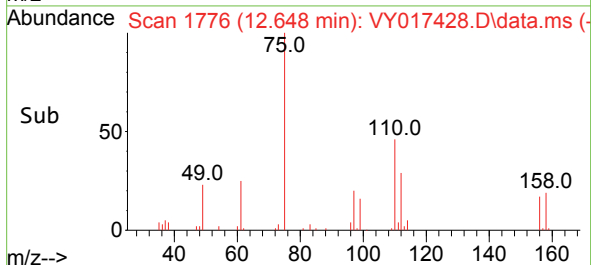
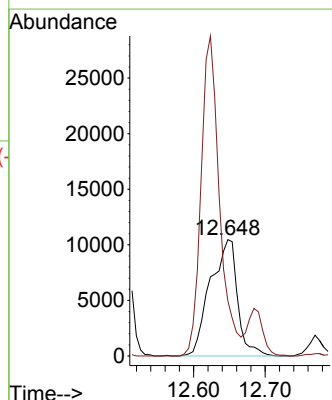
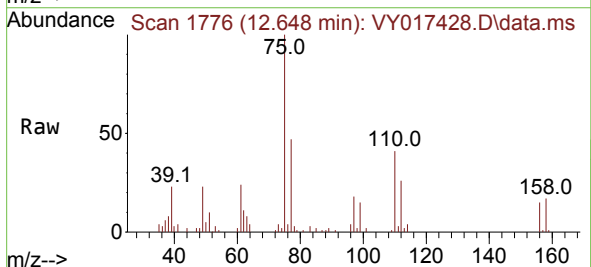
Acq: 21 Feb 2024 10:27

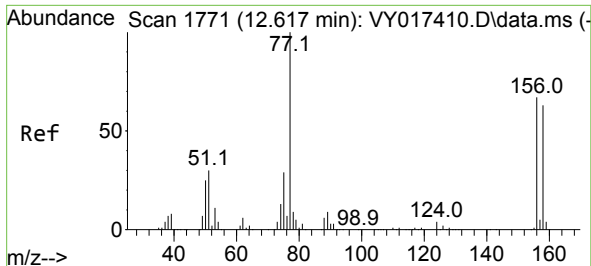
Tgt Ion: 75 Resp: 27680

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

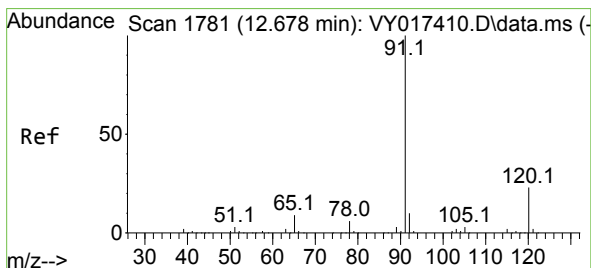
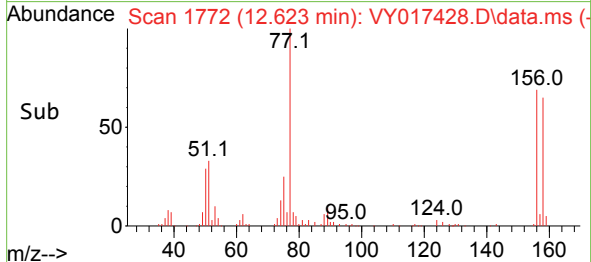
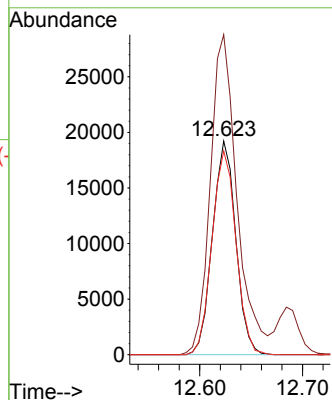
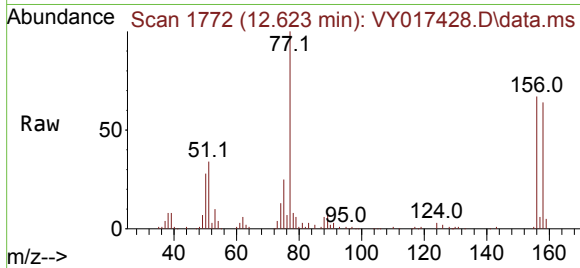




#77
Bromobenzene
Concen: 19.092 ug/l
RT: 12.623 min Scan# 1772
Delta R.T. 0.006 min
Lab File: VY017428.D
Acq: 21 Feb 2024 10:27

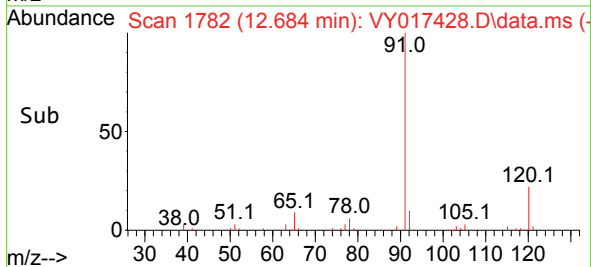
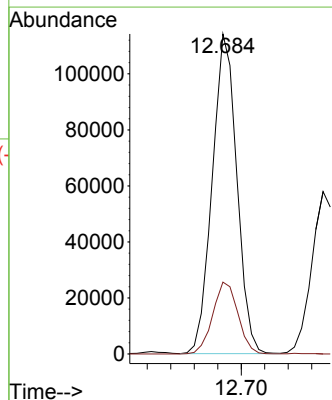
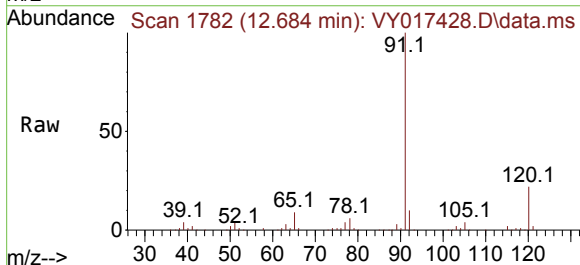
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

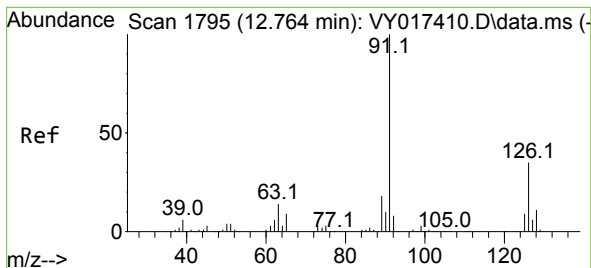
Tgt Ion:156 Resp: 30211
Ion Ratio Lower Upper
156 100
77 171.4 87.1 261.3
158 98.4 48.6 145.9



#78
n-propylbenzene
Concen: 20.325 ug/l
RT: 12.684 min Scan# 1782
Delta R.T. 0.006 min
Lab File: VY017428.D
Acq: 21 Feb 2024 10:27

Tgt Ion: 91 Resp: 165877
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.956 ug/l

RT: 12.770 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017428.D

Acq: 21 Feb 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

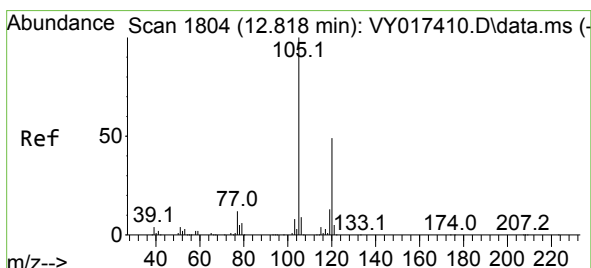
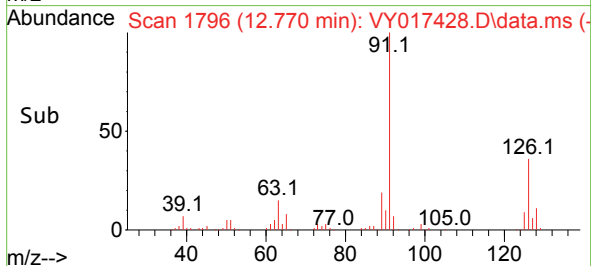
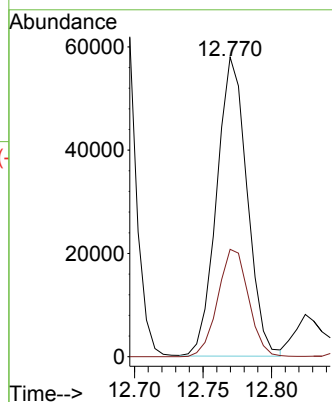
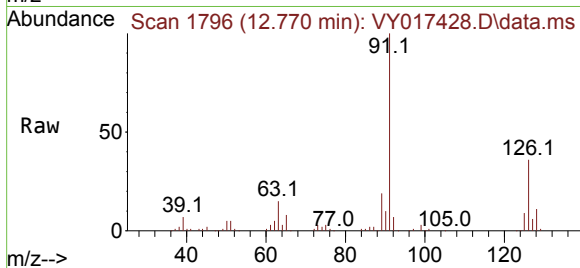
VY0221SBS01

Tgt Ion: 91 Resp: 89677

Ion Ratio Lower Upper

91 100

126 36.2 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 19.969 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VY017428.D

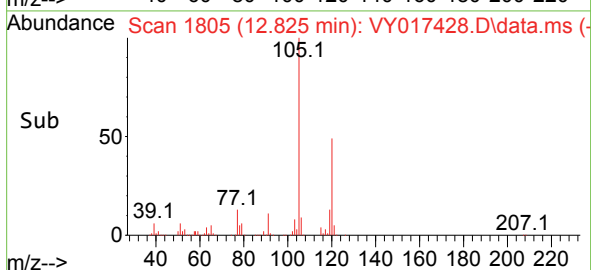
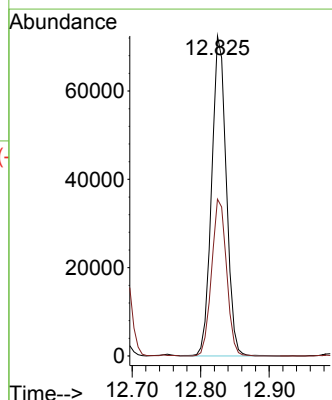
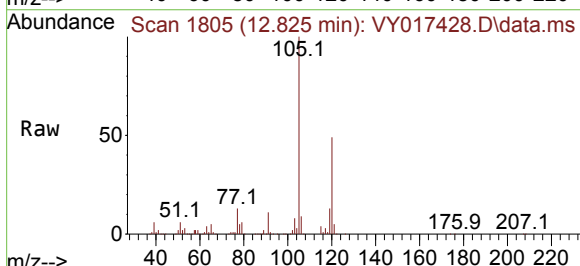
Acq: 21 Feb 2024 10:27

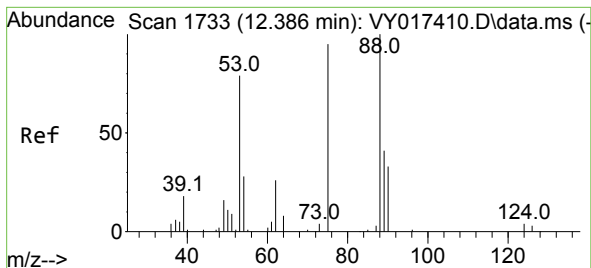
Tgt Ion:105 Resp: 107770

Ion Ratio Lower Upper

105 100

120 50.0 25.1 75.2

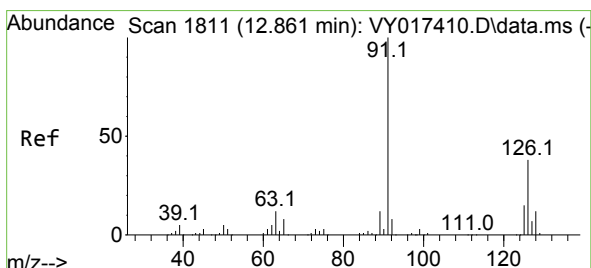
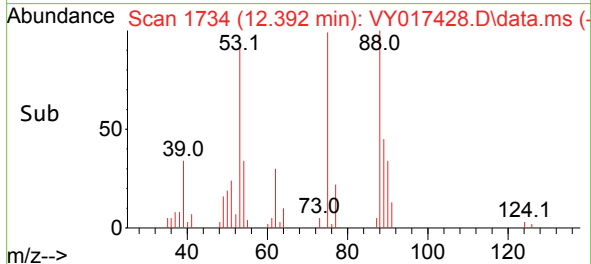
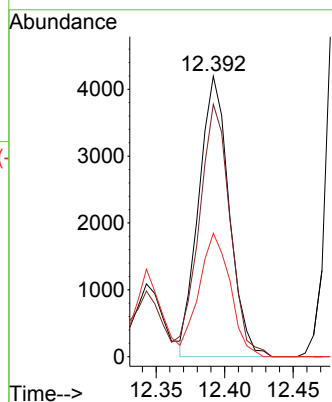
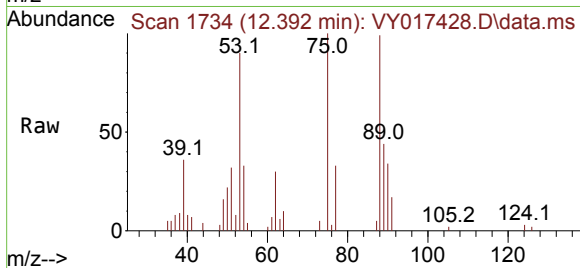




#81
trans-1,4-Dichloro-2-butene
Concen: 17.845 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. 0.006 min
Lab File: VY017428.D
Acq: 21 Feb 2024 10:27

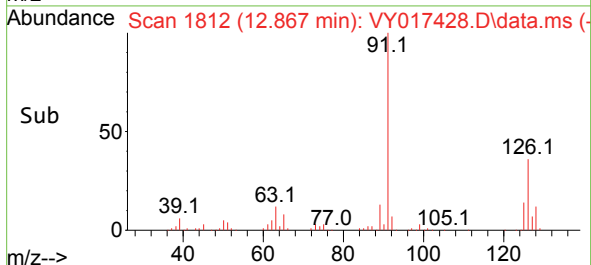
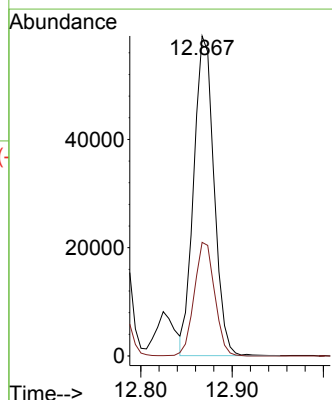
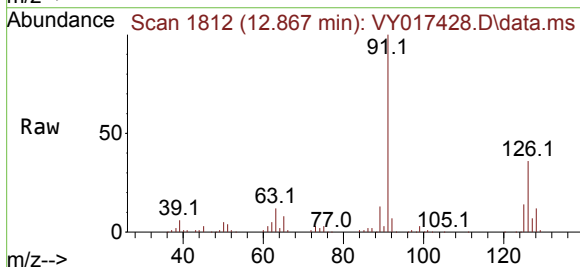
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

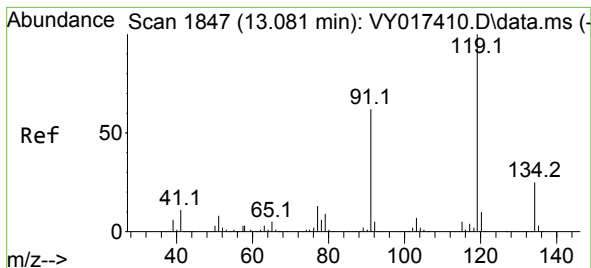
Tgt Ion: 75 Resp: 6482
Ion Ratio Lower Upper
75 100
53 92.0 66.8 100.2
89 45.0 35.8 53.6



#82
4-Chlorotoluene
Concen: 19.589 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY017428.D
Acq: 21 Feb 2024 10:27

Tgt Ion: 91 Resp: 90839
Ion Ratio Lower Upper
91 100
126 36.0 17.6 52.9

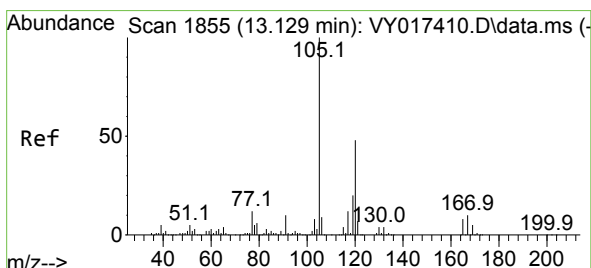
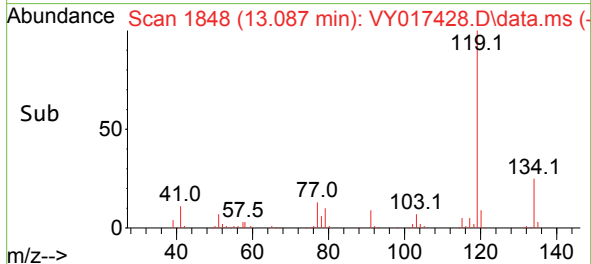
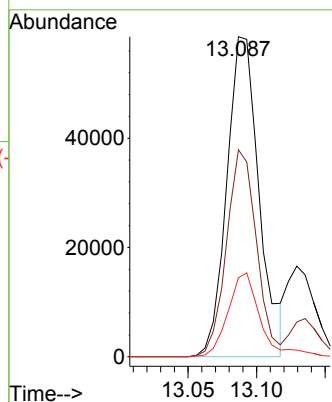
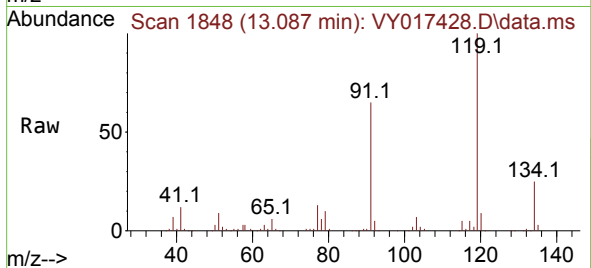




#83
tert-Butylbenzene
Concen: 20.429 ug/l
RT: 13.087 min Scan# 1848
Delta R.T. 0.006 min
Lab File: VY017428.D
Acq: 21 Feb 2024 10:27

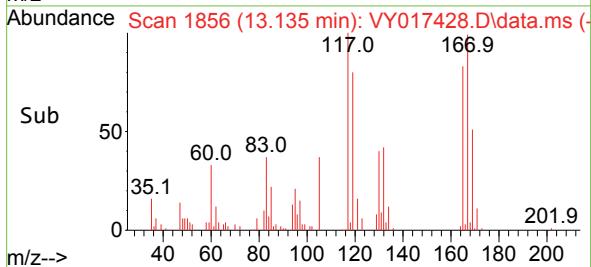
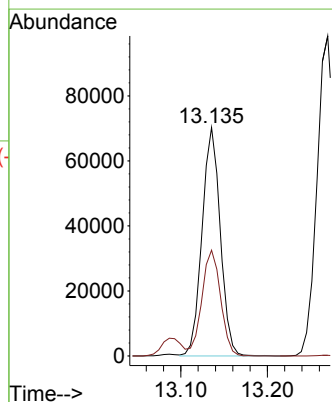
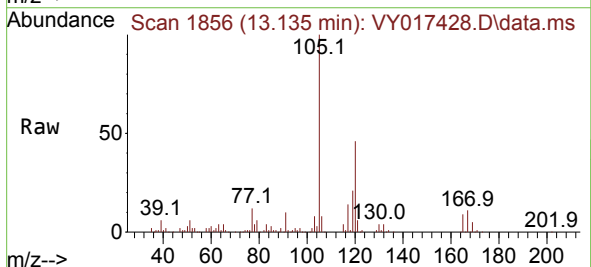
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

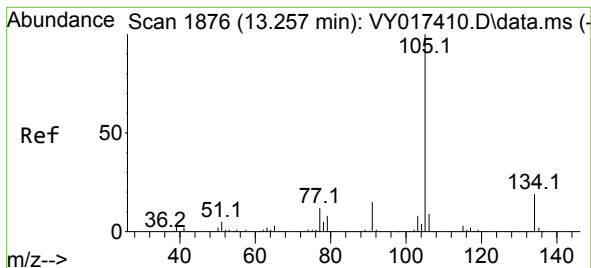
Tgt Ion:119 Resp: 96272
Ion Ratio Lower Upper
119 100
91 60.2 31.3 93.8
134 26.1 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 19.231 ug/l
RT: 13.135 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VY017428.D
Acq: 21 Feb 2024 10:27

Tgt Ion:105 Resp: 102820
Ion Ratio Lower Upper
105 100
120 47.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 20.247 ug/l

RT: 13.270 min Scan# 1876

Delta R.T. 0.012 min

Lab File: VY017428.D

Acq: 21 Feb 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

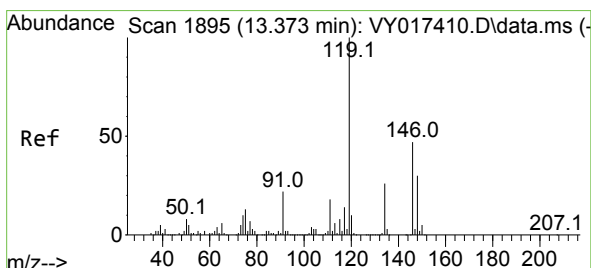
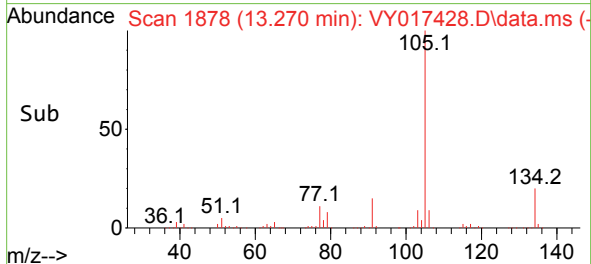
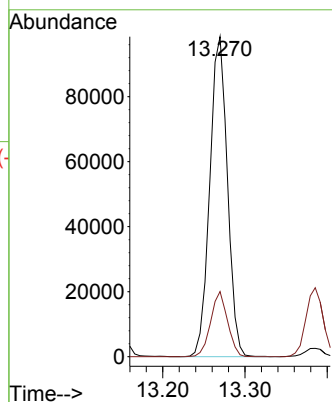
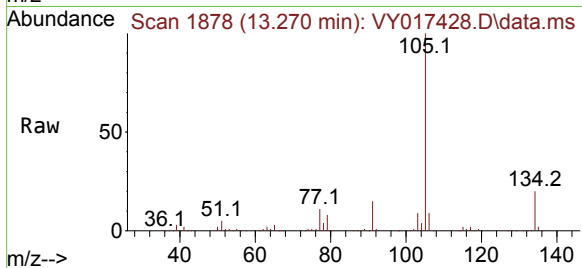
VY0221SBS01

Tgt Ion:105 Resp: 146552

Ion Ratio Lower Upper

105 100

134 19.5 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.563 ug/l

RT: 13.385 min Scan# 1897

Delta R.T. 0.012 min

Lab File: VY017428.D

Acq: 21 Feb 2024 10:27

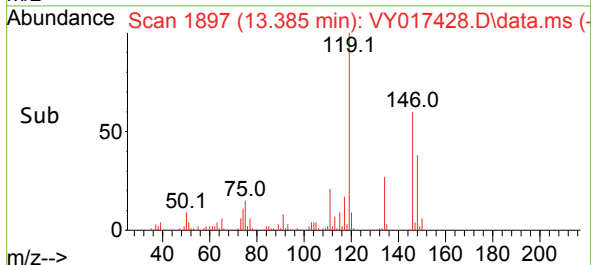
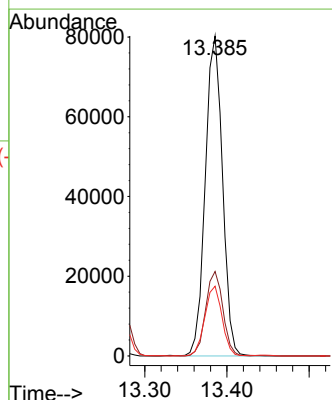
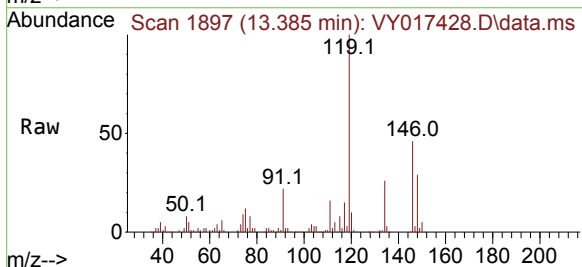
Tgt Ion:119 Resp: 116630

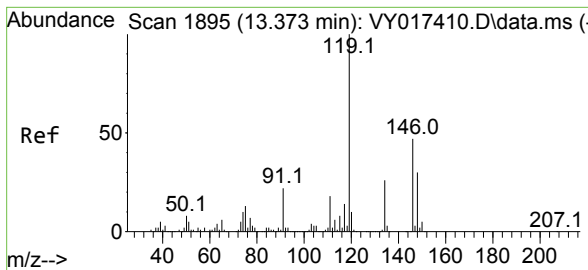
Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

91 22.0 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 18.843 ug/l

RT: 13.379 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY017428.D

Acq: 21 Feb 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0221SBS01

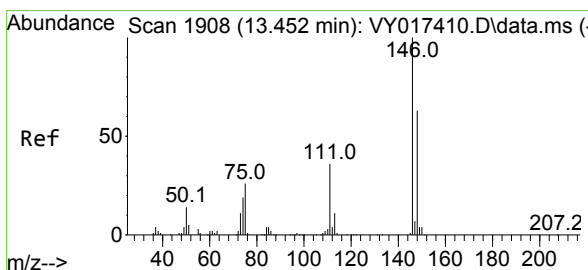
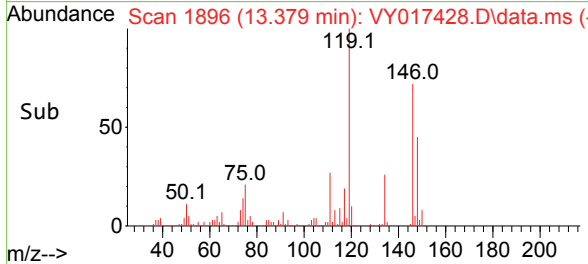
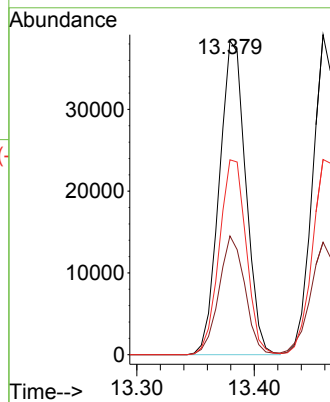
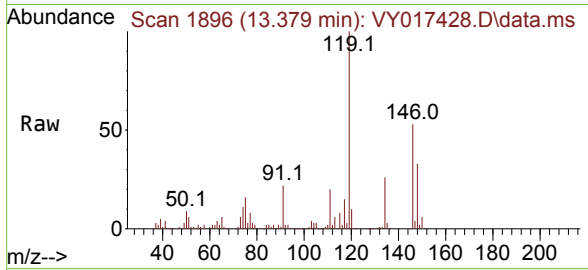
Tgt Ion:146 Resp: 60215

Ion Ratio Lower Upper

146 100

111 37.0 19.0 57.0

148 63.0 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 19.108 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY017428.D

Acq: 21 Feb 2024 10:27

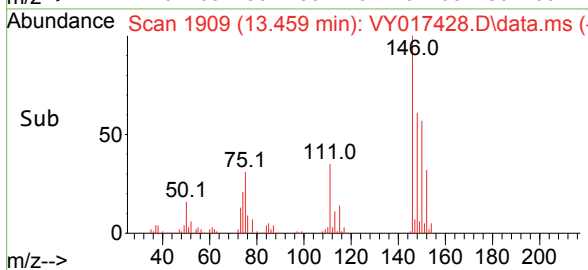
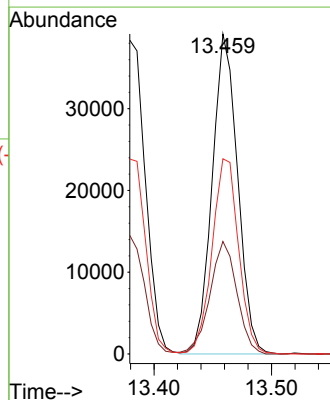
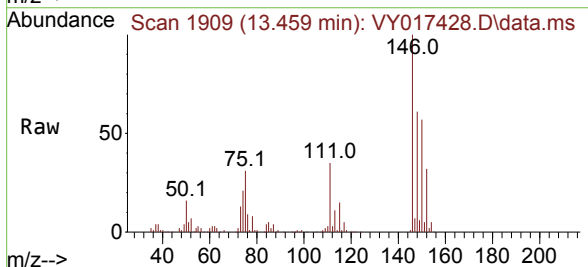
Tgt Ion:146 Resp: 58959

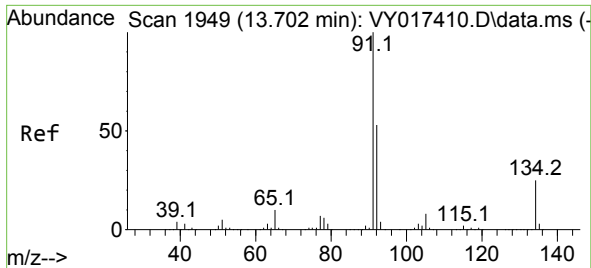
Ion Ratio Lower Upper

146 100

111 37.4 18.4 55.4

148 63.8 32.4 97.2

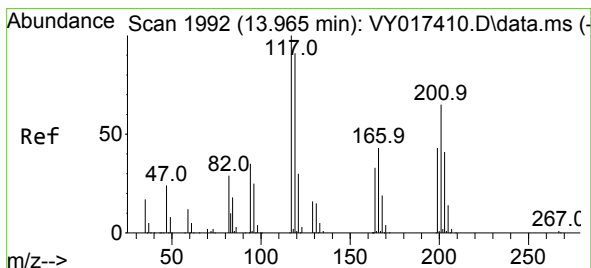
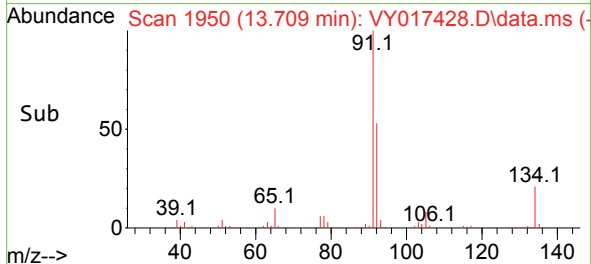
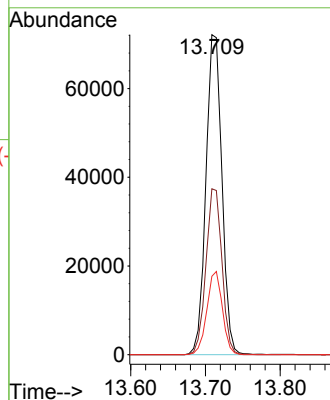
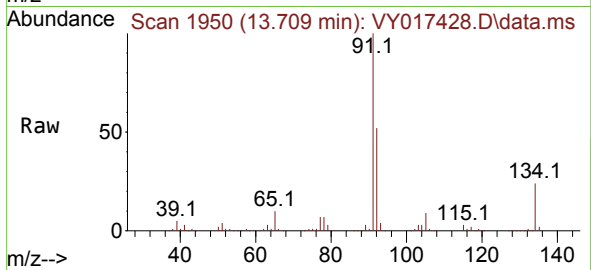




#89
n-Butylbenzene
Concen: 19.748 ug/l
RT: 13.709 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY017428.D
Acq: 21 Feb 2024 10:27

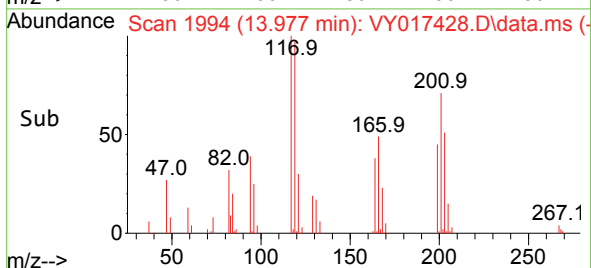
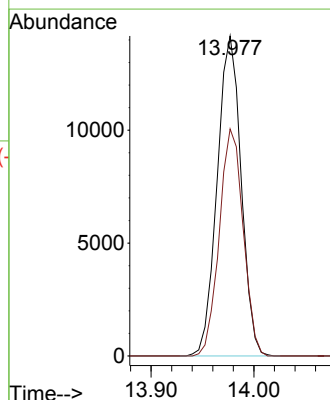
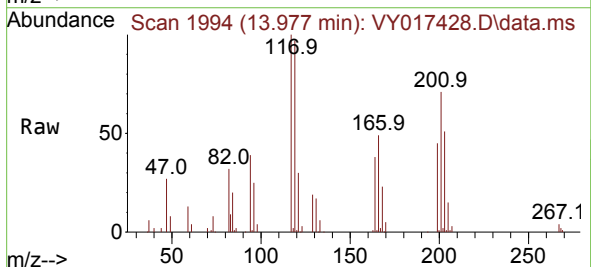
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS01

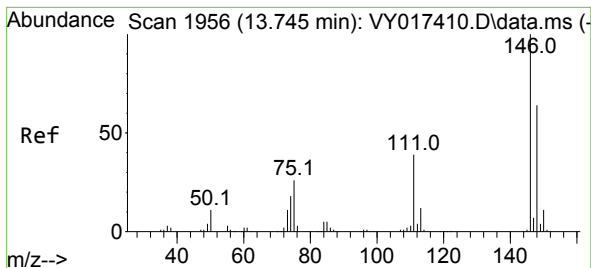
Tgt Ion: 91 Resp: 107077
Ion Ratio Lower Upper
91 100
92 51.9 26.6 79.7
134 25.3 12.9 38.7



#90
Hexachloroethane
Concen: 19.611 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.012 min
Lab File: VY017428.D
Acq: 21 Feb 2024 10:27

Tgt Ion: 117 Resp: 22909
Ion Ratio Lower Upper
117 100
201 70.7 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 18.431 ug/l

RT: 13.757 min Scan# 1956

Delta R.T. 0.012 min

Lab File: VY017428.D

Acq: 21 Feb 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0221SBS01

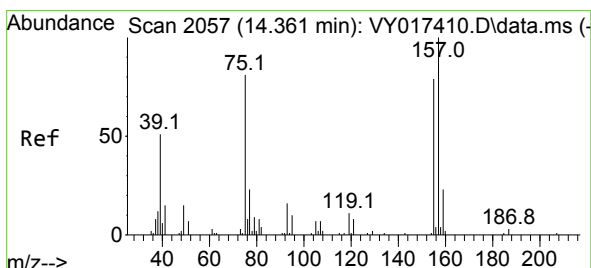
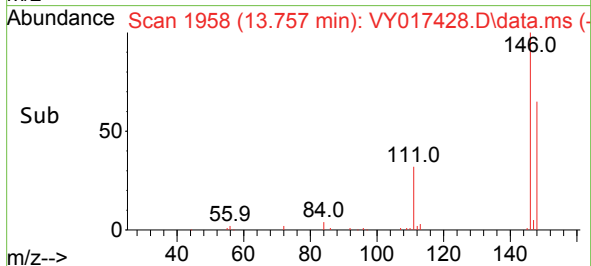
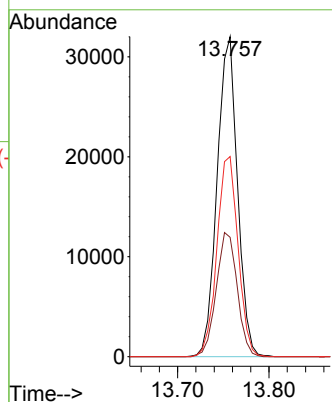
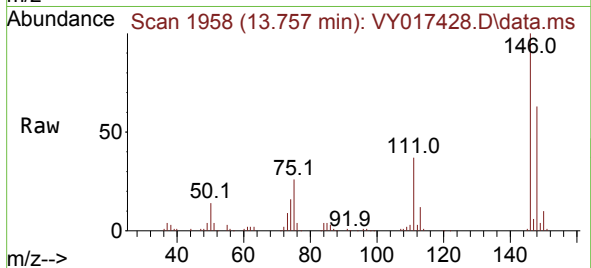
Tgt Ion:146 Resp: 49576

Ion Ratio Lower Upper

146 100

111 40.0 19.9 59.7

148 64.9 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.209 ug/l

RT: 14.373 min Scan# 2059

Delta R.T. 0.012 min

Lab File: VY017428.D

Acq: 21 Feb 2024 10:27

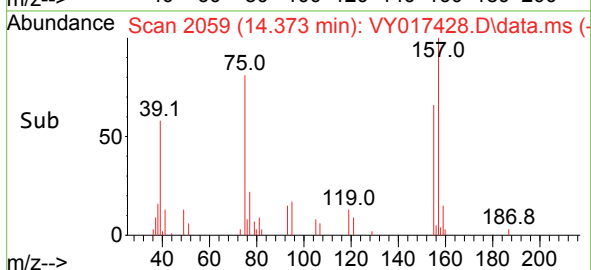
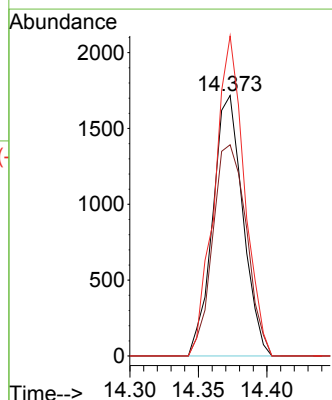
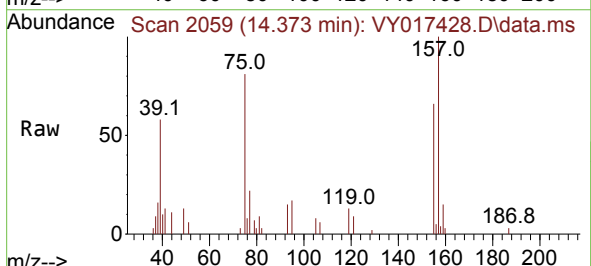
Tgt Ion: 75 Resp: 2623

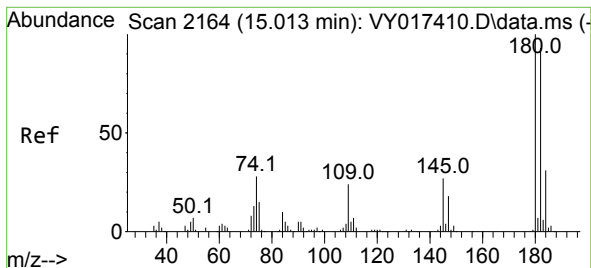
Ion Ratio Lower Upper

75 100

155 91.1 48.6 145.8

157 121.4 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 16.549 ug/l

RT: 15.025 min Scan# 2166

Delta R.T. 0.012 min

Lab File: VY017428.D

Acq: 21 Feb 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0221SBS01

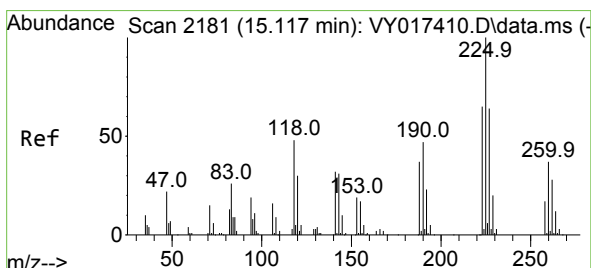
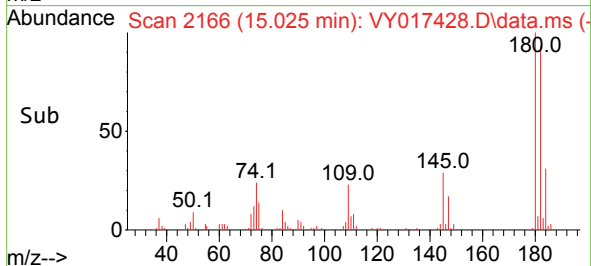
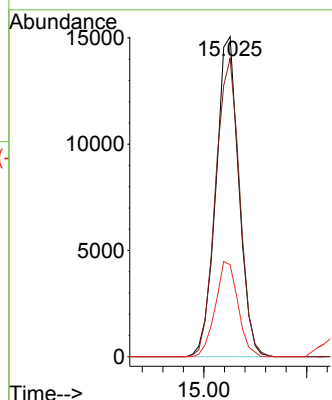
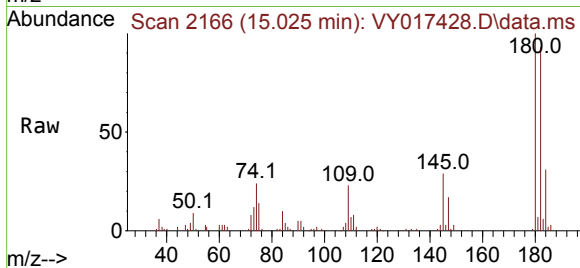
Tgt Ion:180 Resp: 23275

Ion Ratio Lower Upper

180 100

182 97.6 47.9 143.8

145 29.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 18.367 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. 0.012 min

Lab File: VY017428.D

Acq: 21 Feb 2024 10:27

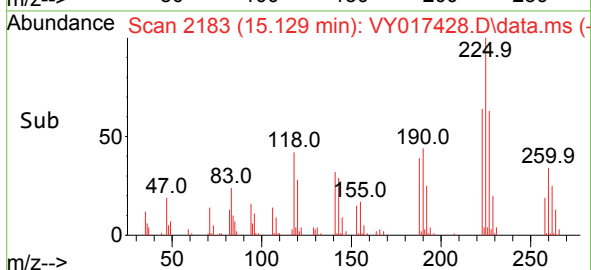
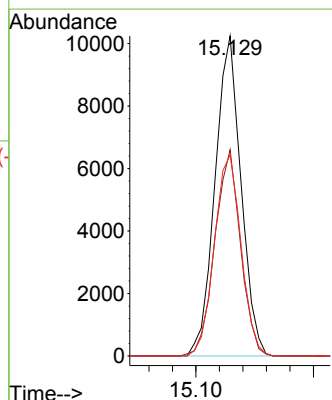
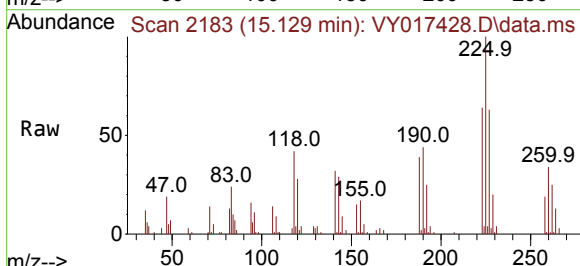
Tgt Ion:225 Resp: 15711

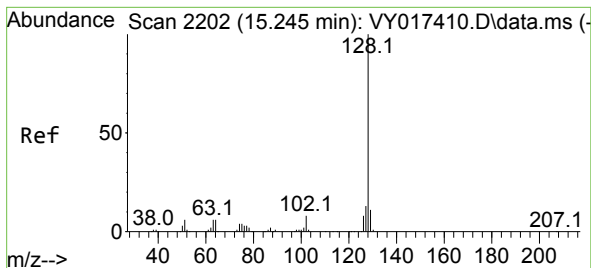
Ion Ratio Lower Upper

225 100

223 63.6 30.4 91.2

227 64.7 31.9 95.9





#95

Naphthalene

Concen: 16.130 ug/l

RT: 15.251 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY017428.D

Acq: 21 Feb 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0221SBS01

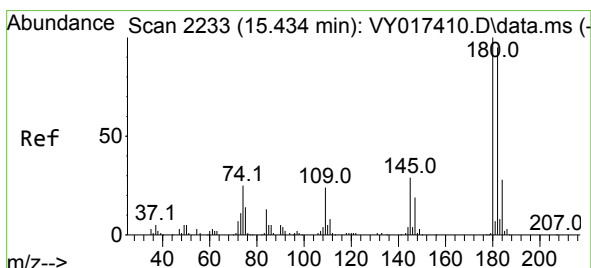
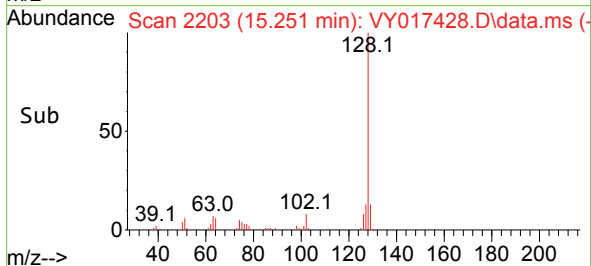
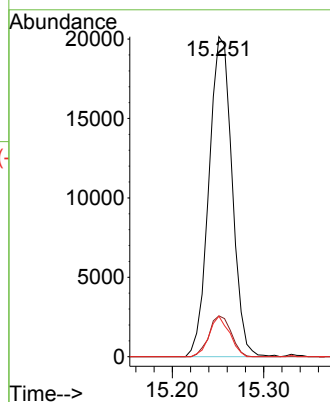
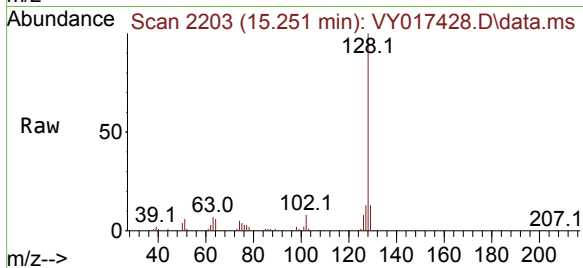
Tgt Ion:128 Resp: 35396

Ion Ratio Lower Upper

128 100

127 12.3 10.6 16.0

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 16.056 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY017428.D

Acq: 21 Feb 2024 10:27

Tgt Ion:180 Resp: 18985

Ion Ratio Lower Upper

180 100

182 95.5 47.6 142.9

145 31.0 15.4 46.1

