

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042723\
 Data File : VY013494.D
 Acq On : 27 Apr 2023 16:06
 Operator : KP/MD
 Sample : VY0427SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0427SBS01

Quant Time: Apr 28 01:30:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	280466	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	429835	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	387693	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	196862	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	173452	56.416	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.840%	
35) Dibromofluoromethane	7.716	113	149414	55.268	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.540%	
50) Toluene-d8	10.179	98	519083	53.974	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.940%	
62) 4-Bromofluorobenzene	12.477	95	183328	56.544	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 113.080%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	60499	22.690	ug/l	100
3) Chloromethane	2.107	50	75466	21.115	ug/l	100
4) Vinyl Chloride	2.247	62	74041	20.806	ug/l	93
5) Bromomethane	2.650	94	60690	21.401	ug/l	96
6) Chloroethane	2.790	64	53431	21.734	ug/l	98
7) Trichlorofluoromethane	3.119	101	120391	22.332	ug/l	99
8) Diethyl Ether	3.527	74	40549	22.088	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.893	101	68589	22.682	ug/l	95
10) Methyl Iodide	4.082	142	71964	18.948	ug/l	100
11) Tert butyl alcohol	5.003	59	40521	117.358	ug/l #	92
12) 1,1-Dichloroethene	3.863	96	63923	21.930	ug/l	92
13) Acrolein	3.729	56	35256	126.881	ug/l	92
14) Allyl chloride	4.479	41	116507	21.541	ug/l	96
15) Acrylonitrile	5.161	53	128321	124.811	ug/l	99
16) Acetone	3.954	43	137080	113.216	ug/l	99
17) Carbon Disulfide	4.186	76	203527	21.496	ug/l	100
18) Methyl Acetate	4.472	43	95477	23.876	ug/l	94
19) Methyl tert-butyl Ether	5.216	73	182208	21.653	ug/l	98
20) Methylene Chloride	4.704	84	102594	22.618	ug/l #	86
21) trans-1,2-Dichloroethene	5.210	96	71554	22.452	ug/l	94
22) Diisopropyl ether	6.112	45	242503	22.940	ug/l	92
23) Vinyl Acetate	6.058	43	765333	127.866	ug/l	96
24) 1,1-Dichloroethane	6.015	63	133800	22.710	ug/l	98
25) 2-Butanone	6.984	43	188103	122.500	ug/l	90
26) 2,2-Dichloropropane	6.978	77	109249	21.519	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	76332	21.678	ug/l	94
28) Bromochloromethane	7.332	49	50266	24.042	ug/l #	78
29) Tetrahydrofuran	7.344	42	119696	125.226	ug/l	91
30) Chloroform	7.502	83	135302	23.097	ug/l	98
31) Cyclohexane	7.777	56	117418	21.331	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	118269	22.625	ug/l	96
36) 1,1-Dichloropropene	7.911	75	101585	22.641	ug/l	97
37) Ethyl Acetate	7.070	43	87453	25.901	ug/l #	93
38) Carbon Tetrachloride	7.893	117	109494	23.283	ug/l	97
39) Methylcyclohexane	9.179	83	116007	21.932	ug/l	95
40) Benzene	8.155	78	291737	23.083	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	114114	72.527	ug/l #	32
42) 1,2-Dichloroethane	8.234	62	99252	24.020	ug/l	98
43) Isopropyl Acetate	8.271	43	138143	24.239	ug/l	95
44) Trichloroethene	8.935	130	76708	22.817	ug/l	94
45) 1,2-Dichloropropane	9.209	63	77336	23.403	ug/l	99
46) Dibromomethane	9.301	93	46992	23.766	ug/l	95
47) Bromodichloromethane	9.496	83	104037	23.515	ug/l	94
48) Methyl methacrylate	9.289	41	62939	24.046	ug/l	94
49) 1,4-Dioxane	9.313	88	14644	518.568	ug/l #	84
51) 4-Methyl-2-Pentanone	10.069	43	411454	129.559	ug/l	95
52) Toluene	10.240	92	179409	23.589	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	106967	22.844	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	119154	22.615	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	63363	24.199	ug/l	98
56) Ethyl methacrylate	10.508	69	85857	23.634	ug/l	90
57) 1,3-Dichloropropane	10.788	76	105779	23.853	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	182760	134.164	ug/l	92
59) 2-Hexanone	10.831	43	308277	133.537	ug/l	95
60) Dibromochloromethane	10.983	129	74357	23.387	ug/l	100
61) 1,2-Dibromoethane	11.087	107	60824	23.627	ug/l	97
64) Tetrachloroethene	10.715	164	67846	23.014	ug/l	99
65) Chlorobenzene	11.514	112	189086	22.389	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	71376	22.598	ug/l	99
67) Ethyl Benzene	11.587	91	328775	22.169	ug/l	99
68) m/p-Xylenes	11.697	106	257906	45.746	ug/l	98
69) o-Xylene	12.026	106	116735	21.894	ug/l	94
70) Styrene	12.038	104	205852	23.090	ug/l	99
71) Bromoform	12.203	173	52667	23.805	ug/l #	99
73) Isopropylbenzene	12.325	105	316378	21.248	ug/l	97
74) N-amyl acetate	12.142	43	122720	23.160	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	84175	23.128	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	109591	41.278	ug/l #	100
77) Bromobenzene	12.605	156	80941	22.434	ug/l	91
78) n-propylbenzene	12.666	91	399344	21.774	ug/l	97
79) 2-Chlorotoluene	12.751	91	222704	21.745	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	268237	22.071	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.373	75	28968	22.319	ug/l	94
82) 4-Chlorotoluene	12.849	91	233354	21.860	ug/l	98
83) tert-Butylbenzene	13.075	119	219365	20.834	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	266149	22.525	ug/l	99
85) sec-Butylbenzene	13.251	105	343134	21.714	ug/l	98
86) p-Isopropyltoluene	13.367	119	281099	22.120	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	156715	22.799	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	154653	22.273	ug/l	98
89) n-Butylbenzene	13.696	91	266981	21.526	ug/l	98
90) Hexachloroethane	13.959	117	57766	21.599	ug/l	98
91) 1,2-Dichlorobenzene	13.733	146	142079	22.890	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	15224	23.685	ug/l	95
93) 1,2,4-Trichlorobenzene	15.001	180	83361	22.526	ug/l	99
94) Hexachlorobutadiene	15.105	225	51522	23.922	ug/l	99
95) Naphthalene	15.233	128	185197	23.065	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	79528	24.111	ug/l	100

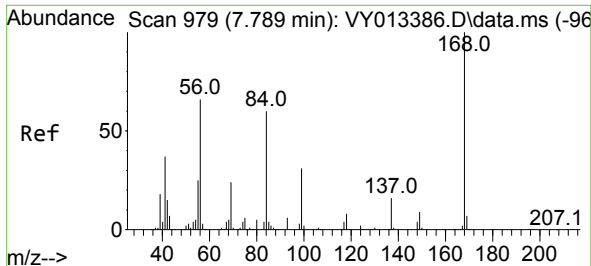
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042723\
Data File : VY013494.D
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Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:39:58 2023
Response via : Initial Calibration

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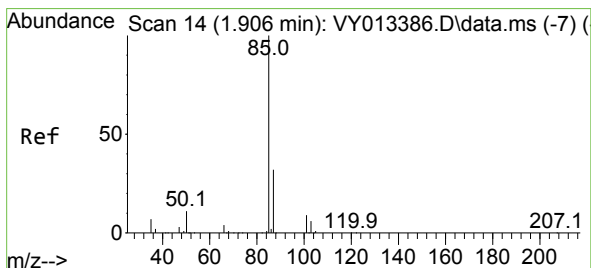
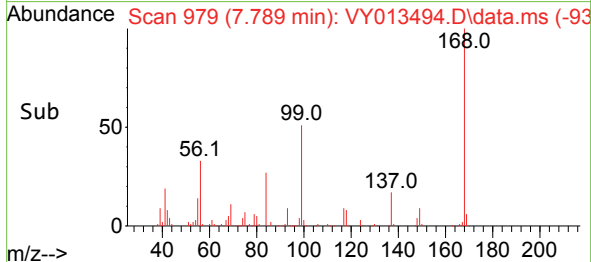
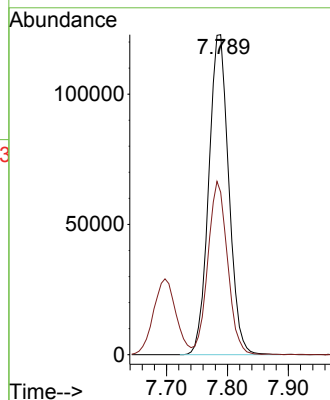
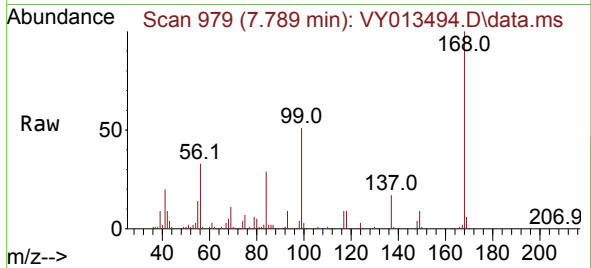
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013494.D
Acq: 27 Apr 2023 16:06

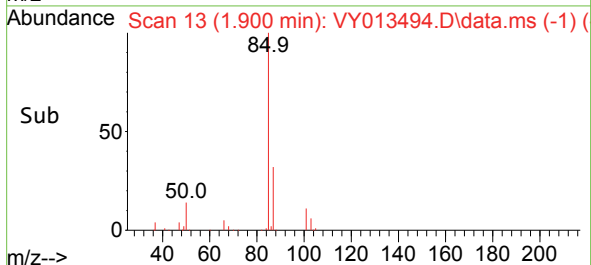
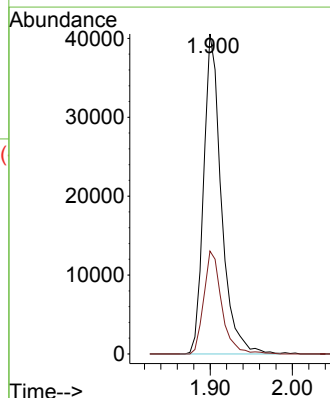
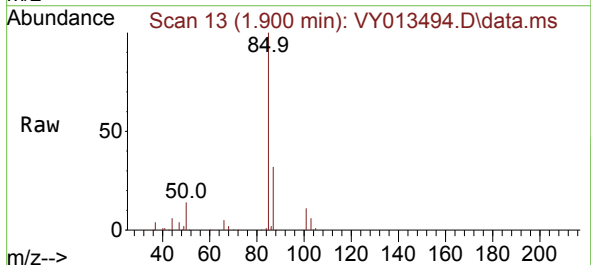
Instrument :
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ClientSampleId :
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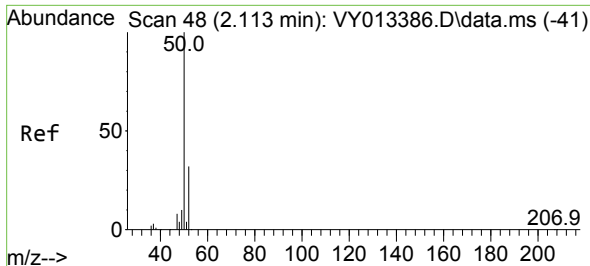
Tgt Ion:168 Resp: 280466
Ion Ratio Lower Upper
168 100
99 50.6 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 22.690 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY013494.D
Acq: 27 Apr 2023 16:06

Tgt Ion: 85 Resp: 60499
Ion Ratio Lower Upper
85 100
87 32.2 16.1 48.2

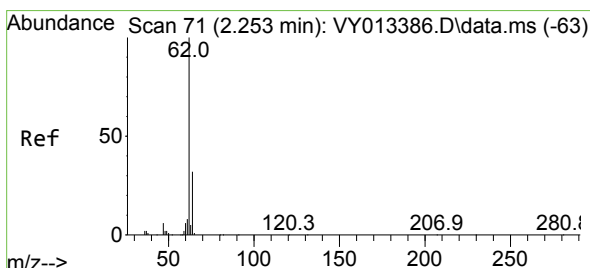
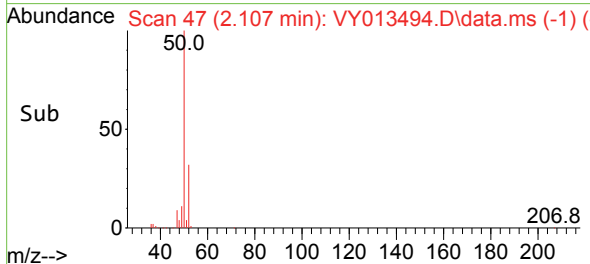
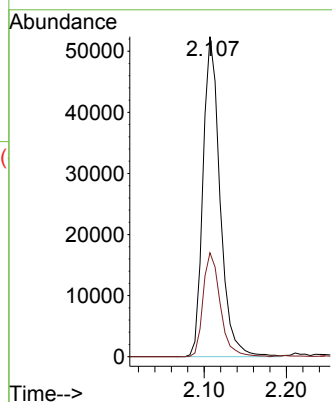
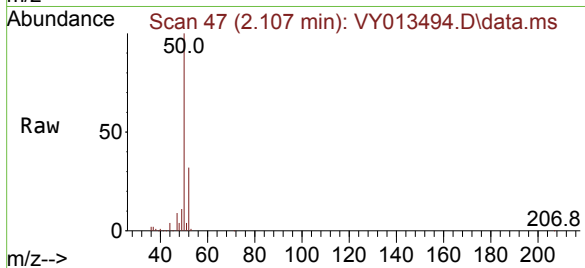




#3
Chloromethane
Concen: 21.115 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013494.D
Acq: 27 Apr 2023 16:06

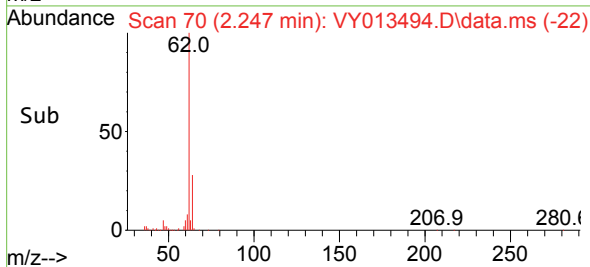
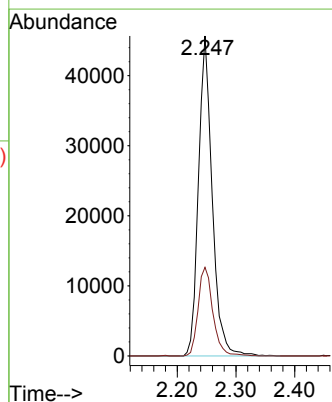
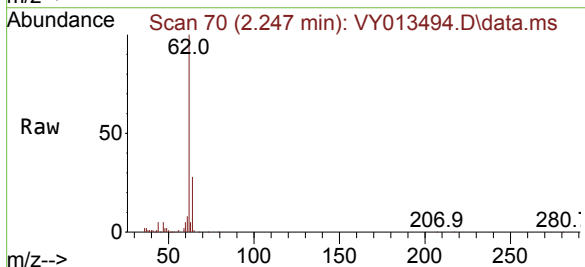
Instrument :
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ClientSampleId :
VY0427SBS01

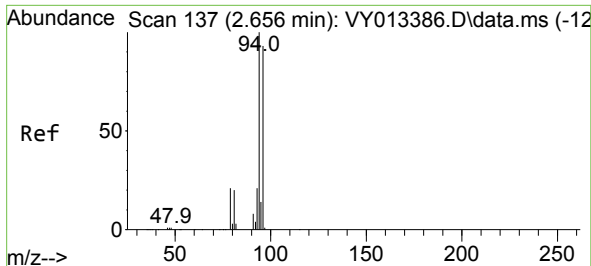
Tgt Ion: 50 Resp: 75466
Ion Ratio Lower Upper
50 100
52 32.5 25.9 38.9



#4
Vinyl Chloride
Concen: 20.806 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY013494.D
Acq: 27 Apr 2023 16:06

Tgt Ion: 62 Resp: 74041
Ion Ratio Lower Upper
62 100
64 27.7 25.4 38.0

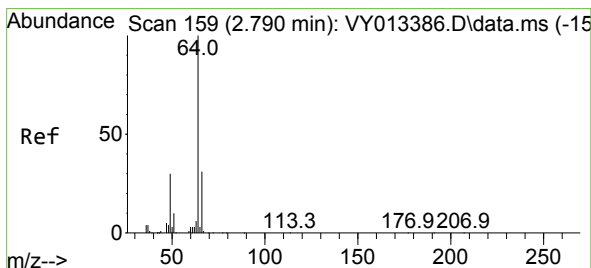
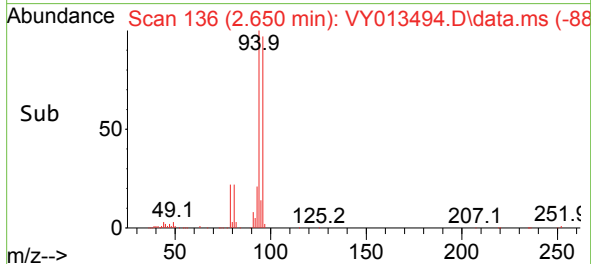
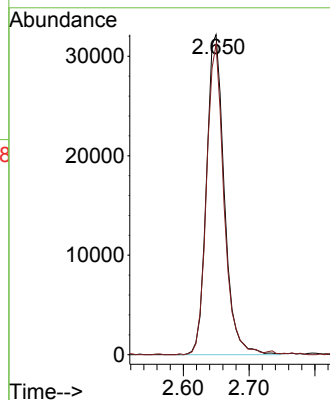
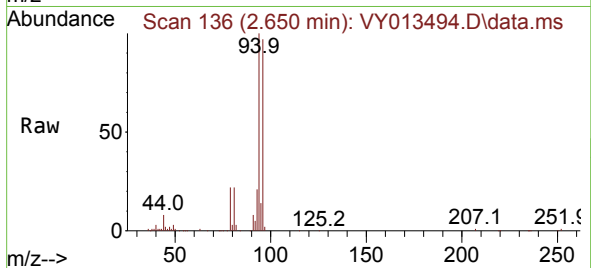




#5
Bromomethane
Concen: 21.401 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013494.D
Acq: 27 Apr 2023 16:06

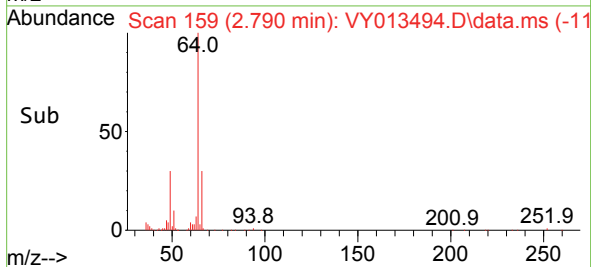
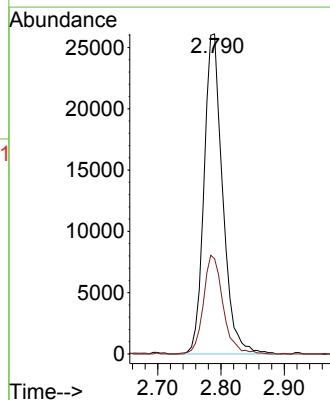
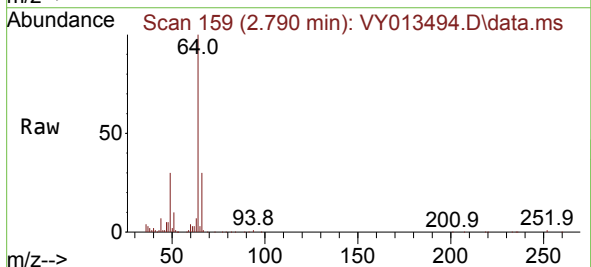
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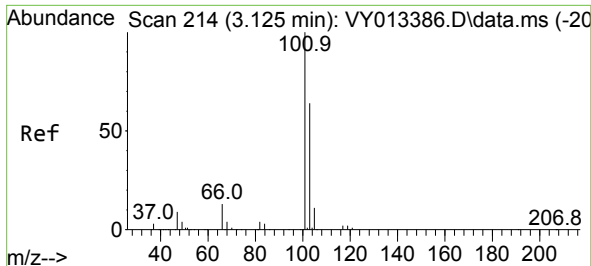
Tgt Ion: 94 Resp: 60690
Ion Ratio Lower Upper
94 100
96 96.7 74.2 111.2



#6
Chloroethane
Concen: 21.734 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY013494.D
Acq: 27 Apr 2023 16:06

Tgt Ion: 64 Resp: 53431
Ion Ratio Lower Upper
64 100
66 29.7 24.6 37.0

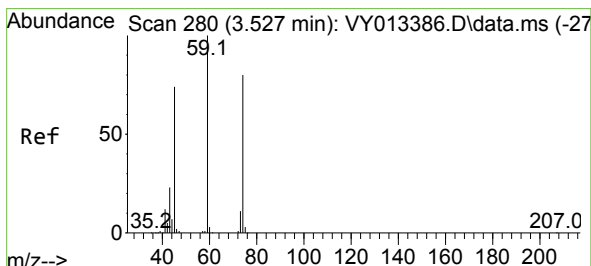
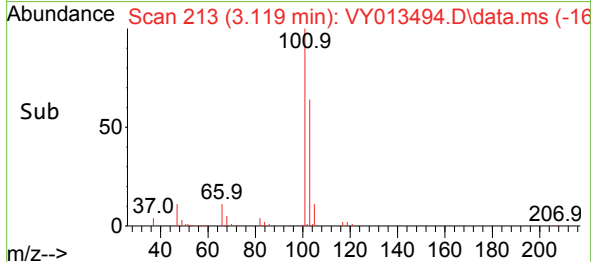
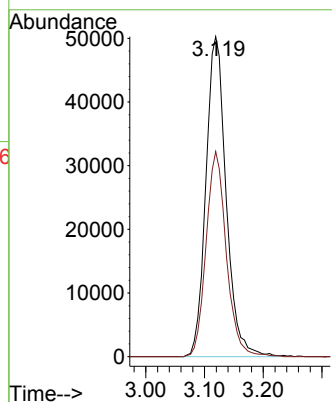
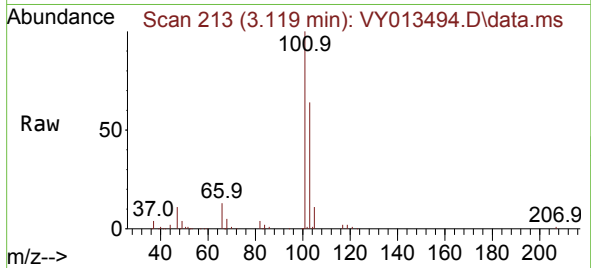




#7
Trichlorofluoromethane
Concen: 22.332 ug/l
RT: 3.119 min Scan# 214
Delta R.T. -0.006 min
Lab File: VY013494.D
Acq: 27 Apr 2023 16:06

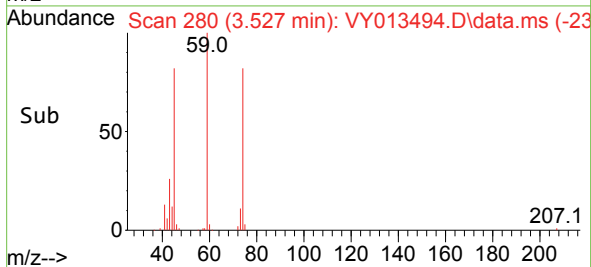
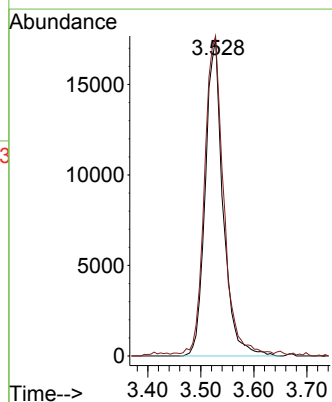
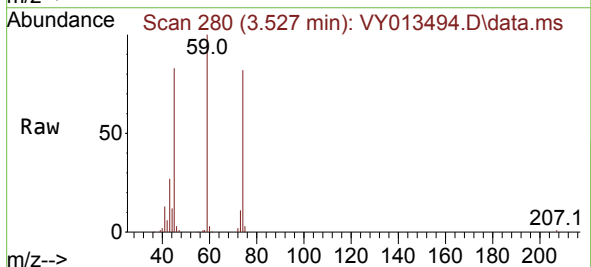
Instrument :
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VY0427SBS01

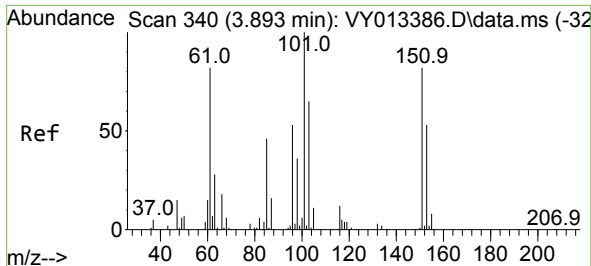
Tgt Ion:101 Resp: 120391
Ion Ratio Lower Upper
101 100
103 64.1 51.6 77.4



#8
Diethyl Ether
Concen: 22.088 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY013494.D
Acq: 27 Apr 2023 16:06

Tgt Ion: 74 Resp: 40549
Ion Ratio Lower Upper
74 100
45 108.0 48.2 144.6

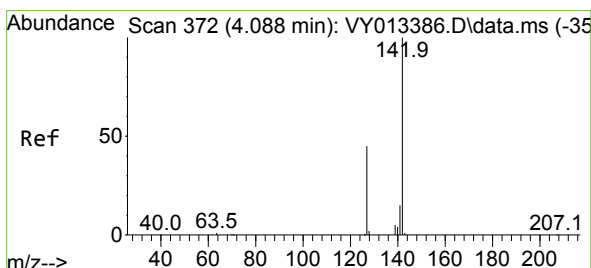
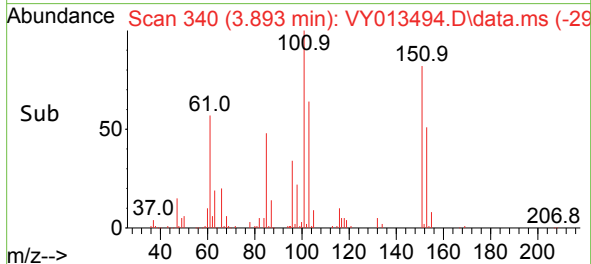
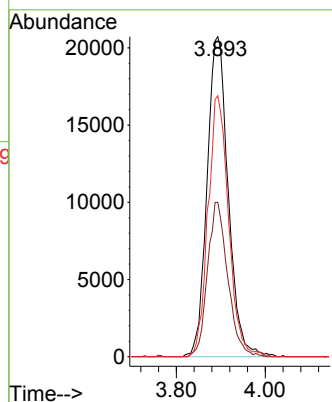
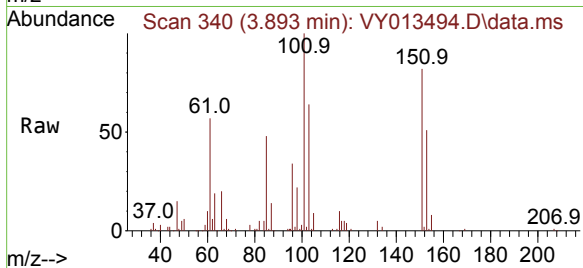




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.682 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY013494.D
Acq: 27 Apr 2023 16:06

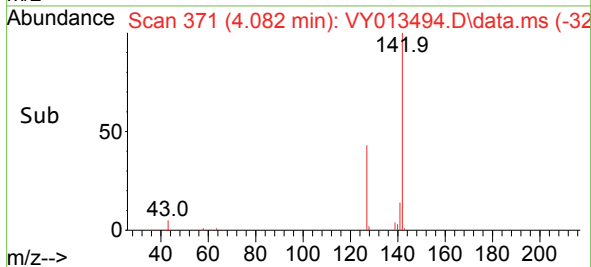
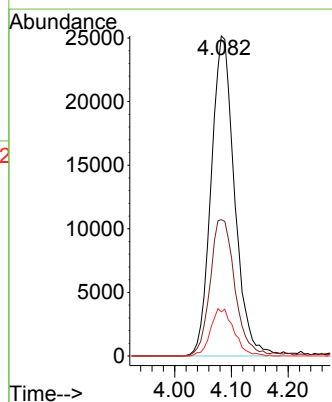
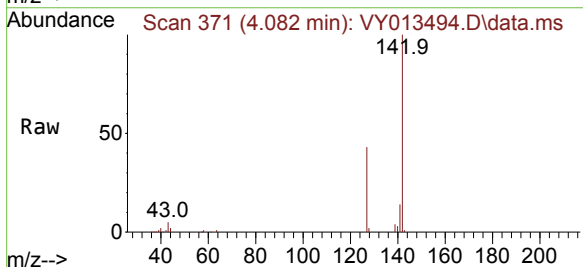
Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBS01

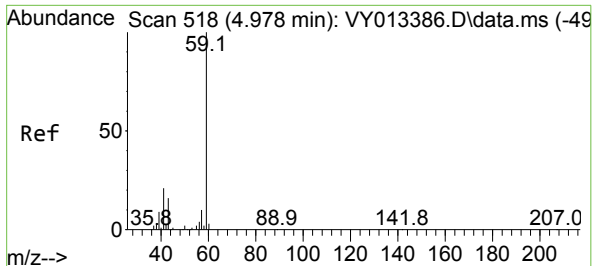
Tgt Ion:101 Resp: 68589
Ion Ratio Lower Upper
101 100
85 46.1 35.6 53.4
151 79.1 68.0 102.0



#10
Methyl Iodide
Concen: 18.948 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY013494.D
Acq: 27 Apr 2023 16:06

Tgt Ion:142 Resp: 71964
Ion Ratio Lower Upper
142 100
127 45.1 36.1 54.1
141 14.8 11.6 17.4





#11

Tert butyl alcohol

Concen: 117.358 ug/l

RT: 5.003 min Scan# 51

Delta R.T. 0.025 min

Lab File: VY013494.D

Acq: 27 Apr 2023 16:06

Instrument :

MSVOA_Y

ClientSampleId :

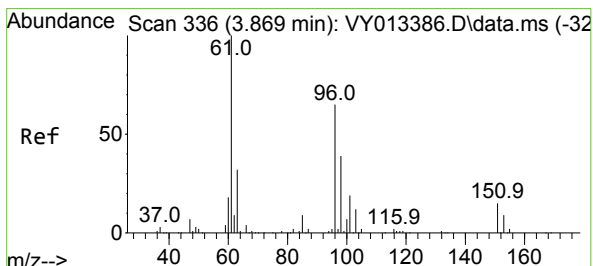
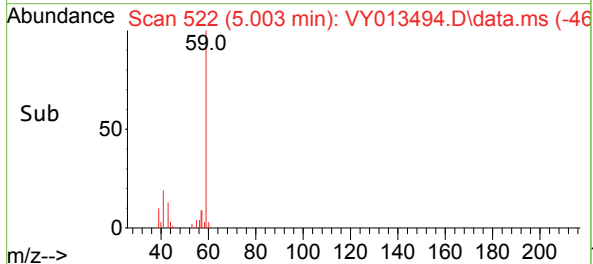
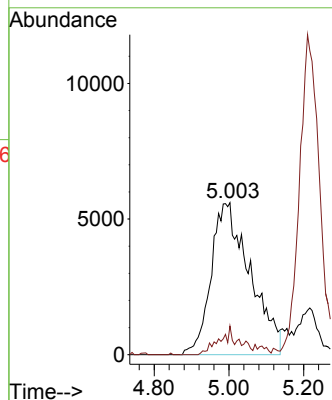
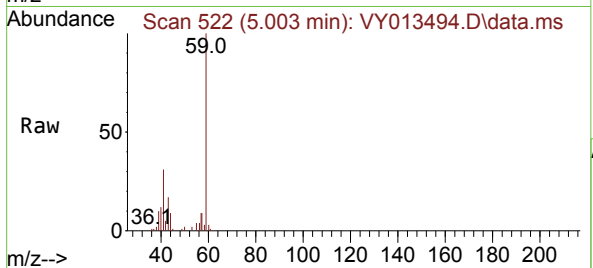
VY0427SBS01

Tgt Ion: 59 Resp: 40521

Ion Ratio Lower Upper

59 100

57 6.2 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 21.930 ug/l

RT: 3.863 min Scan# 335

Delta R.T. -0.006 min

Lab File: VY013494.D

Acq: 27 Apr 2023 16:06

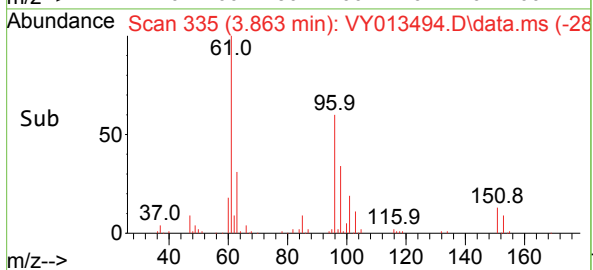
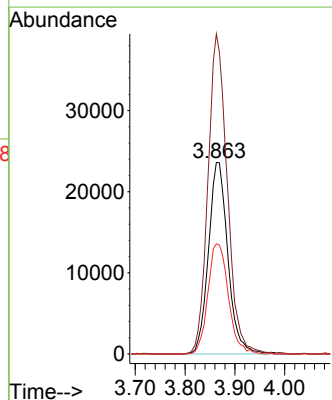
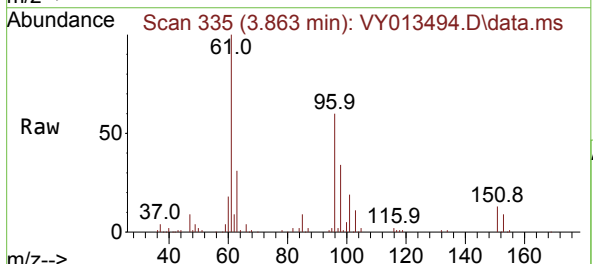
Tgt Ion: 96 Resp: 63923

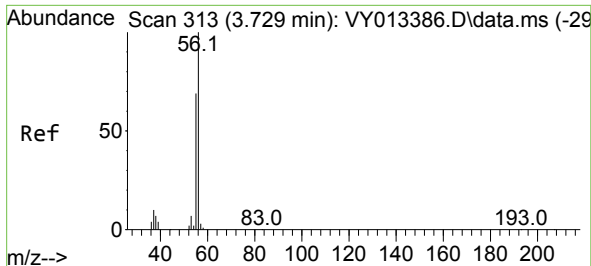
Ion Ratio Lower Upper

96 100

61 167.1 123.9 185.9

98 57.5 48.9 73.3





#13

Acrolein

Concen: 126.881 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY013494.D

Acq: 27 Apr 2023 16:06

Instrument :

MSVOA_Y

ClientSampleId :

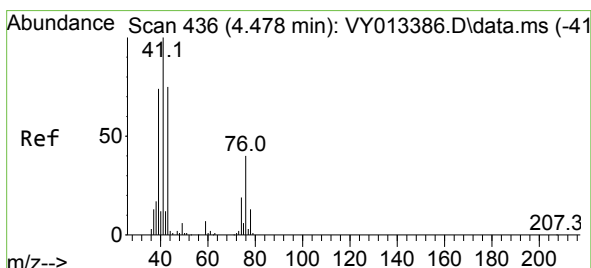
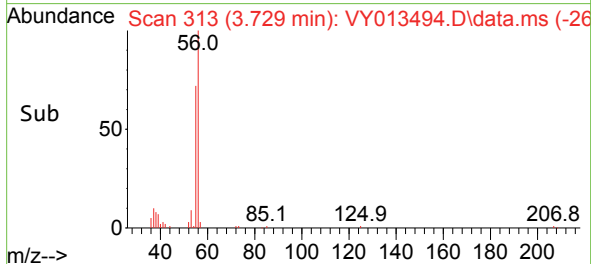
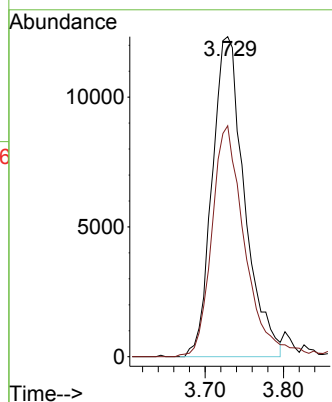
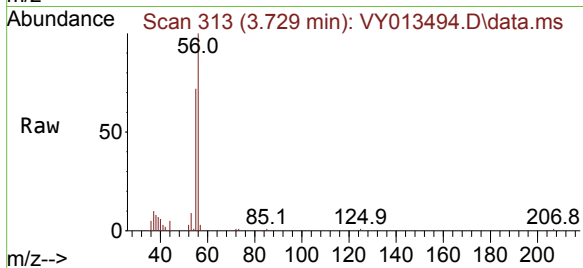
VY0427SBS01

Tgt Ion: 56 Resp: 35256

Ion Ratio Lower Upper

56 100

55 73.7 54.1 81.1



#14

Allyl chloride

Concen: 21.541 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.001 min

Lab File: VY013494.D

Acq: 27 Apr 2023 16:06

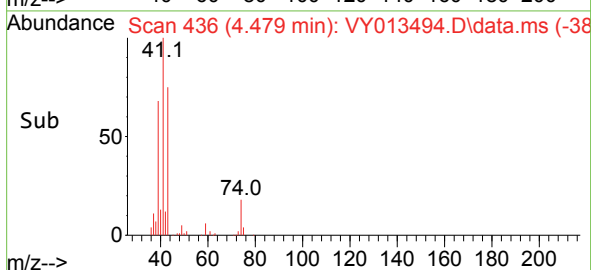
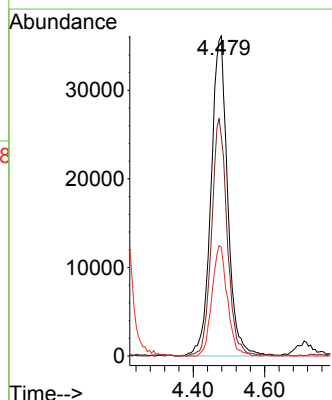
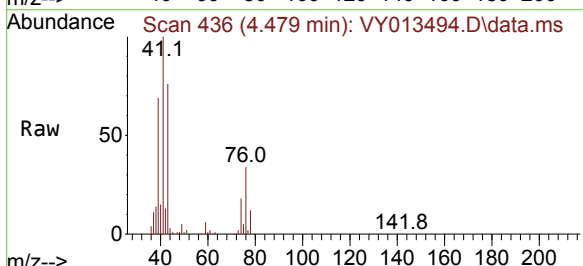
Tgt Ion: 41 Resp: 116507

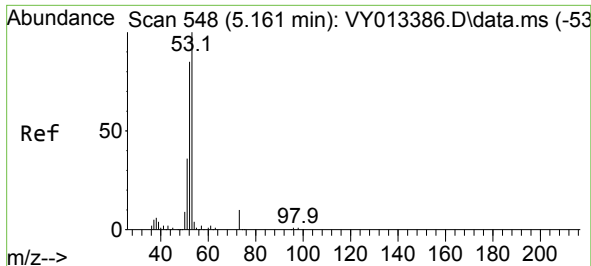
Ion Ratio Lower Upper

41 100

39 70.0 56.6 85.0

76 32.1 30.5 45.7

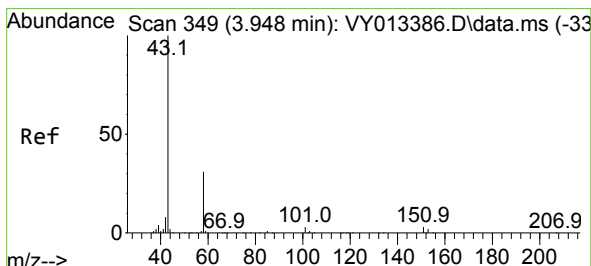
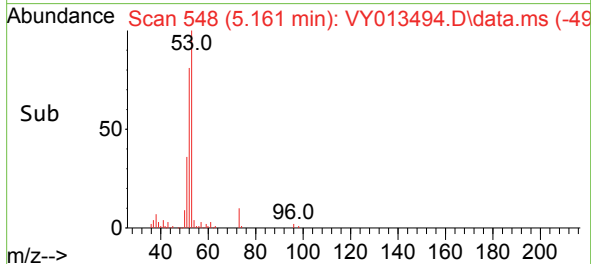
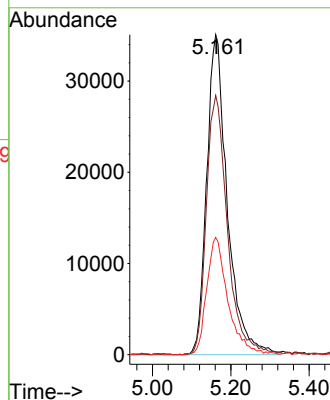
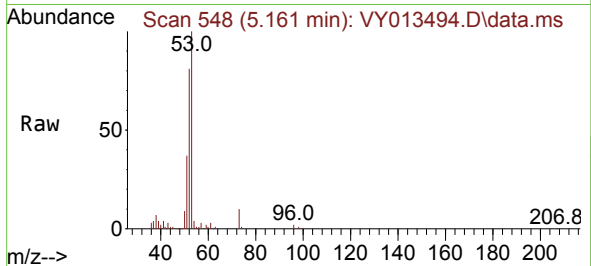




#15
Acrylonitrile
Concen: 124.811 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY013494.D
Acq: 27 Apr 2023 16:06

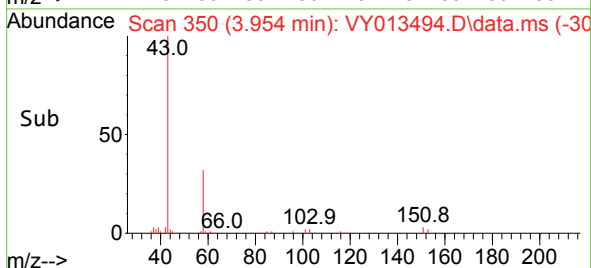
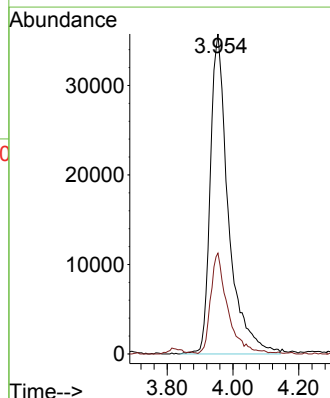
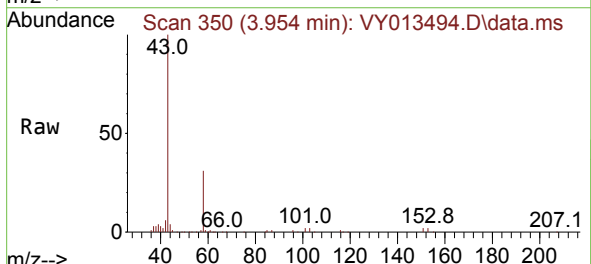
Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBS01

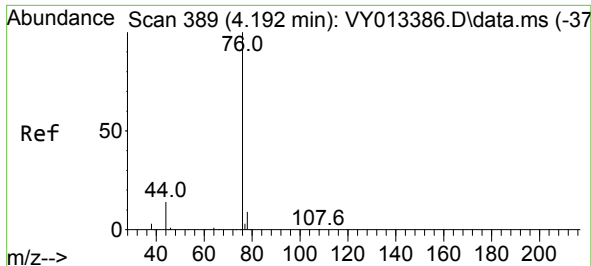
Tgt Ion: 53 Resp: 128321
Ion Ratio Lower Upper
53 100
52 82.6 65.4 98.0
51 37.8 29.3 43.9



#16
Acetone
Concen: 113.216 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013494.D
Acq: 27 Apr 2023 16:06

Tgt Ion: 43 Resp: 137080
Ion Ratio Lower Upper
43 100
58 31.1 25.4 38.0

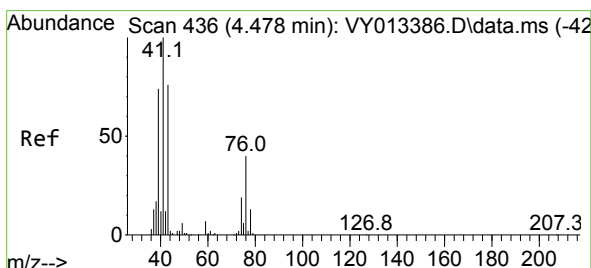
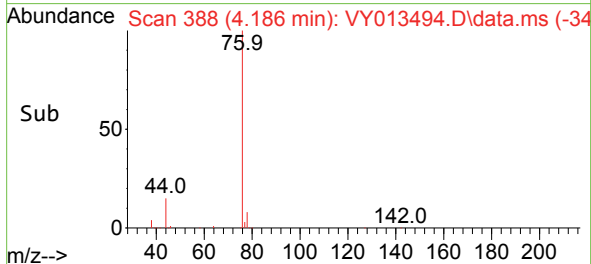
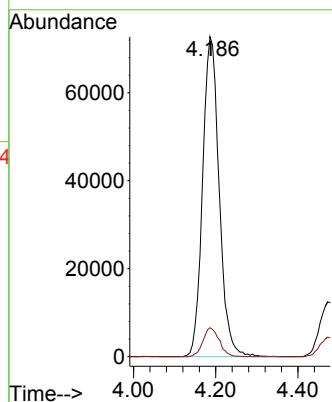
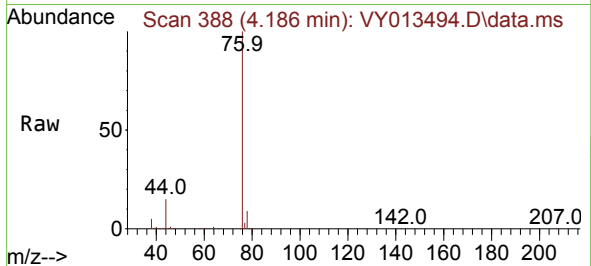




#17
Carbon Disulfide
Concen: 21.496 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY013494.D
Acq: 27 Apr 2023 16:06

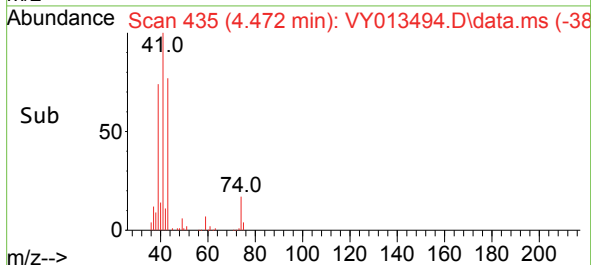
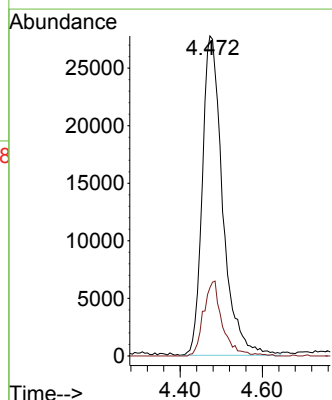
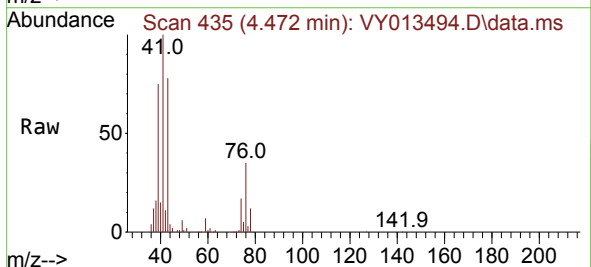
Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBS01

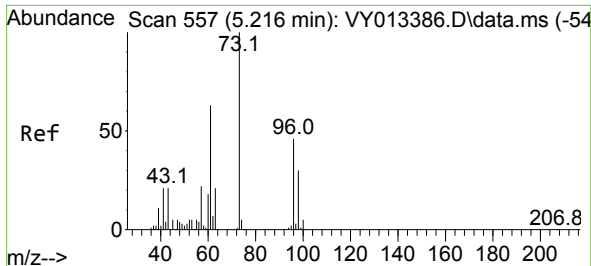
Tgt Ion: 76 Resp: 203527
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 23.876 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY013494.D
Acq: 27 Apr 2023 16:06

Tgt Ion: 43 Resp: 95477
Ion Ratio Lower Upper
43 100
74 21.3 19.4 29.2

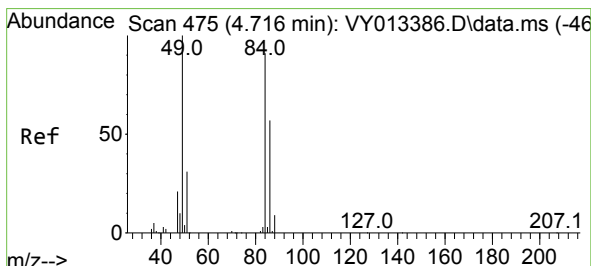
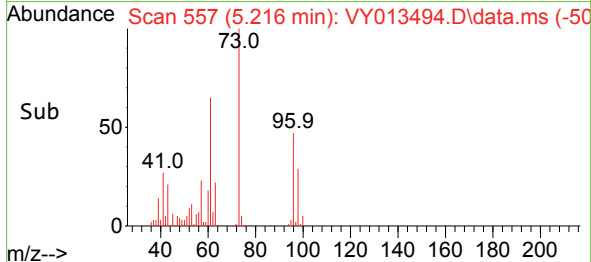
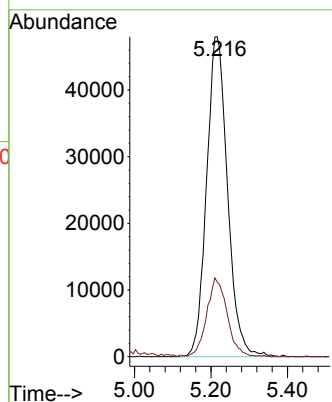
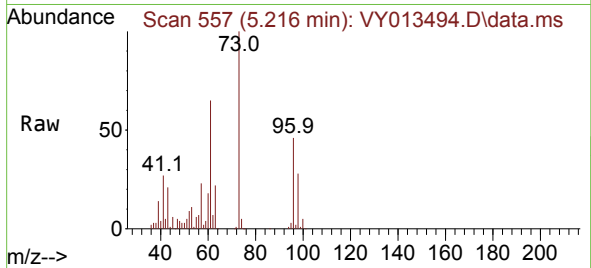




#19
Methyl tert-butyl Ether
Concen: 21.653 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013494.D
Acq: 27 Apr 2023 16:06

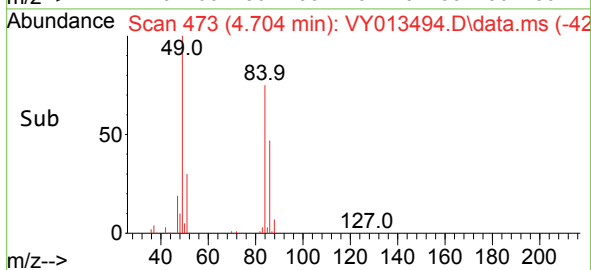
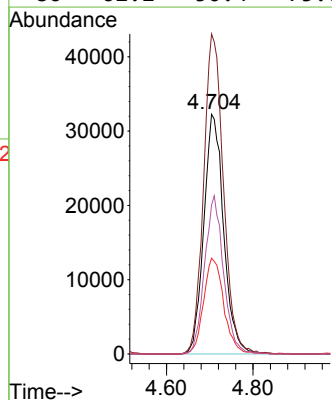
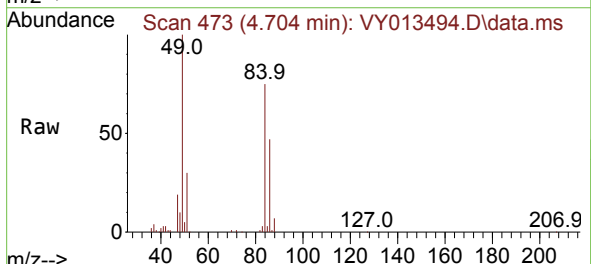
Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBS01

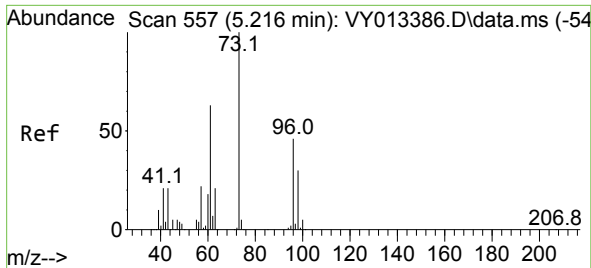
Tgt Ion: 73 Resp: 182208
Ion Ratio Lower Upper
73 100
57 23.4 17.8 26.8



#20
Methylene Chloride
Concen: 22.618 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY013494.D
Acq: 27 Apr 2023 16:06

Tgt Ion: 84 Resp: 102594
Ion Ratio Lower Upper
84 100
49 133.5 88.0 132.0#
51 40.0 27.4 41.0
86 62.2 50.4 75.6

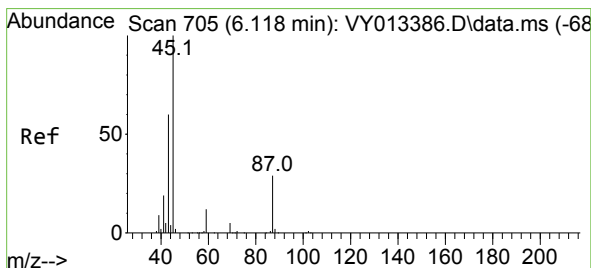
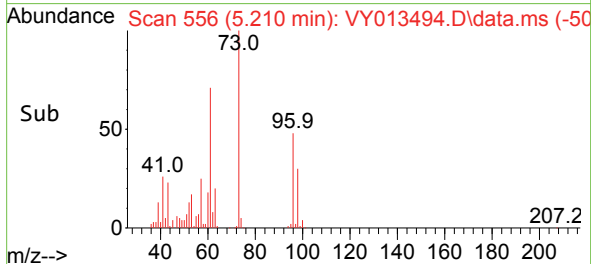
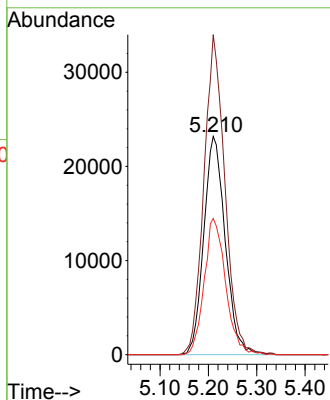
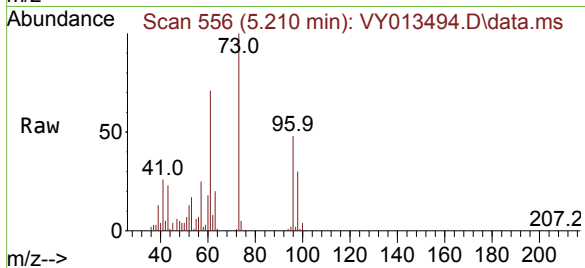




#21
trans-1,2-Dichloroethene
Concen: 22.452 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY013494.D
Acq: 27 Apr 2023 16:06

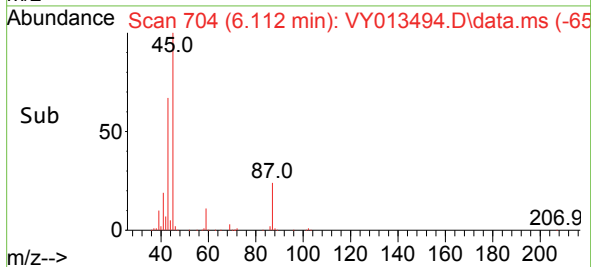
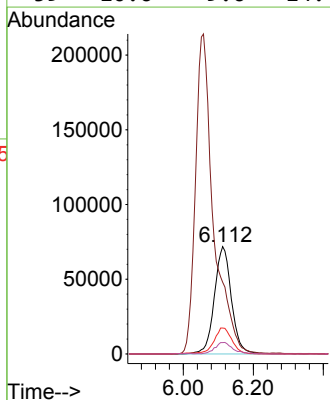
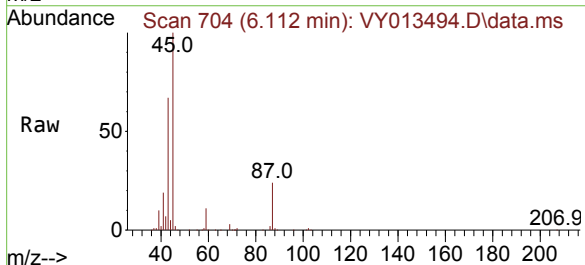
Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBS01

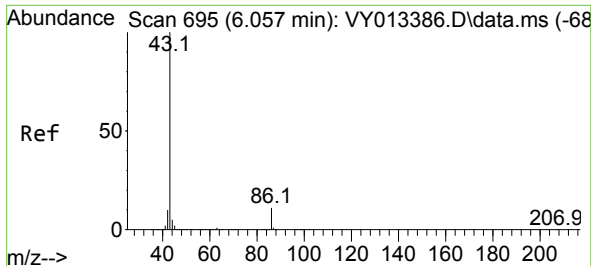
Tgt Ion: 96 Resp: 71554
Ion Ratio Lower Upper
96 100
61 146.7 110.6 165.8
98 62.4 53.1 79.7



#22
Diisopropyl ether
Concen: 22.940 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY013494.D
Acq: 27 Apr 2023 16:06

Tgt Ion: 45 Resp: 242503
Ion Ratio Lower Upper
45 100
43 66.7 48.4 72.6
87 24.2 23.8 35.6
59 10.6 9.6 14.4

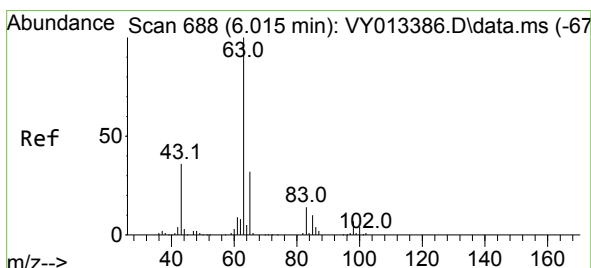
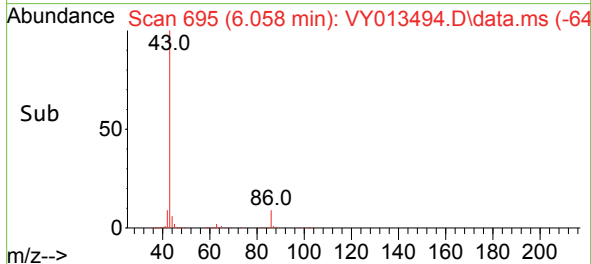
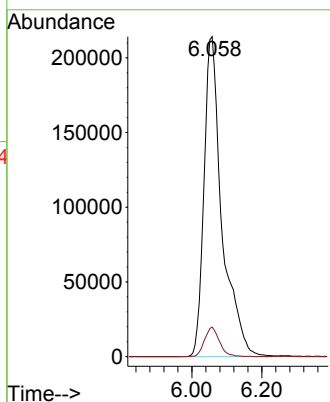
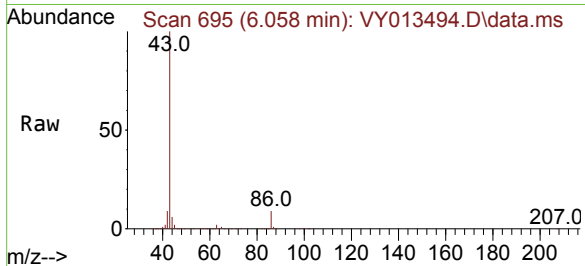




#23
 Vinyl Acetate
 Concen: 127.866 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.001 min
 Lab File: VY013494.D
 Acq: 27 Apr 2023 16:06

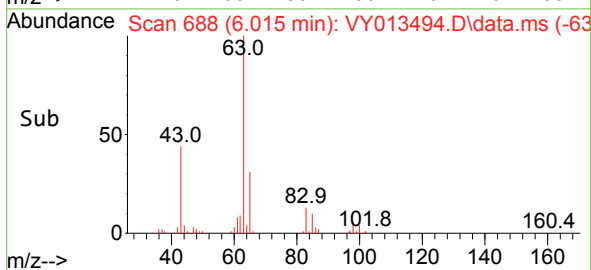
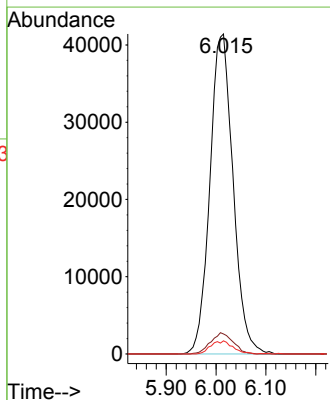
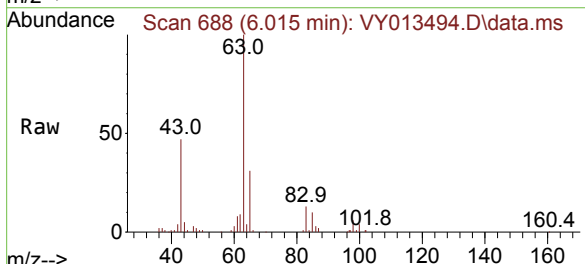
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0427SBS01

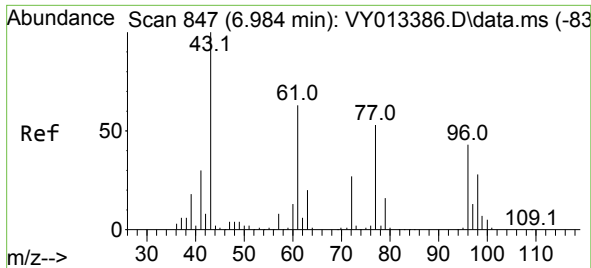
Tgt Ion: 43 Resp: 765333
 Ion Ratio Lower Upper
 43 100
 86 9.2 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 22.710 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY013494.D
 Acq: 27 Apr 2023 16:06

Tgt Ion: 63 Resp: 133800
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.5 10.6
 100 4.1 2.2 6.6

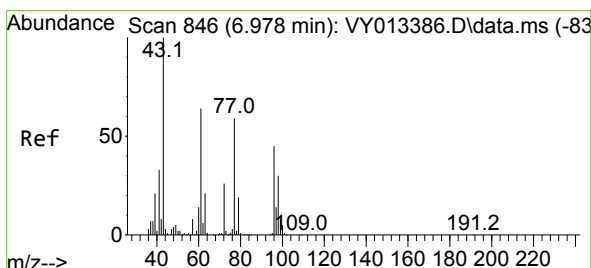
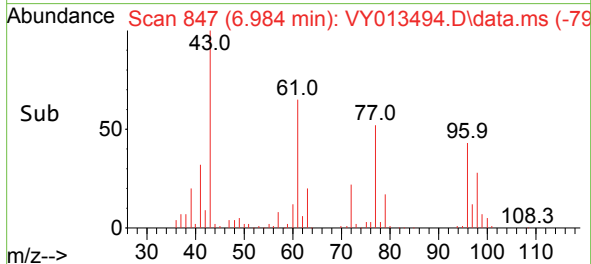
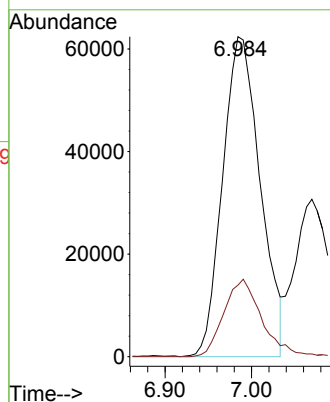
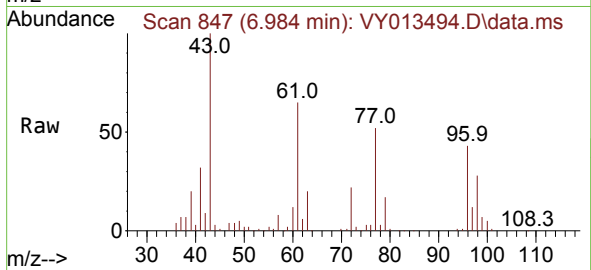




#25
2-Butanone
Concen: 122.500 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013494.D
Acq: 27 Apr 2023 16:06

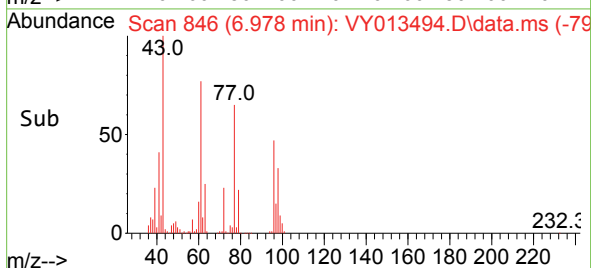
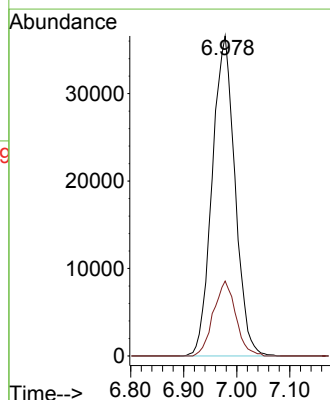
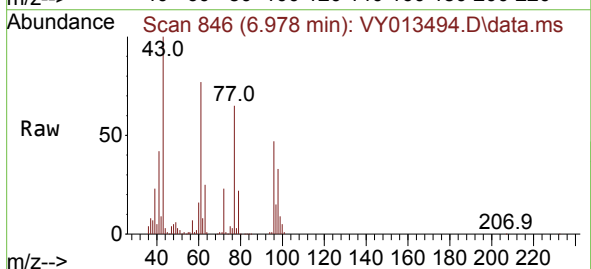
Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBS01

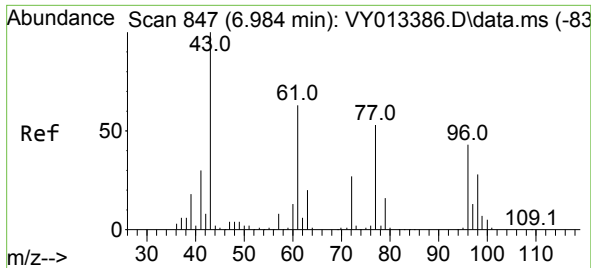
Tgt Ion: 43 Resp: 188103
Ion Ratio Lower Upper
43 100
72 22.4 21.9 32.9



#26
2,2-Dichloropropane
Concen: 21.519 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY013494.D
Acq: 27 Apr 2023 16:06

Tgt Ion: 77 Resp: 109249
Ion Ratio Lower Upper
77 100
97 23.0 11.8 35.4

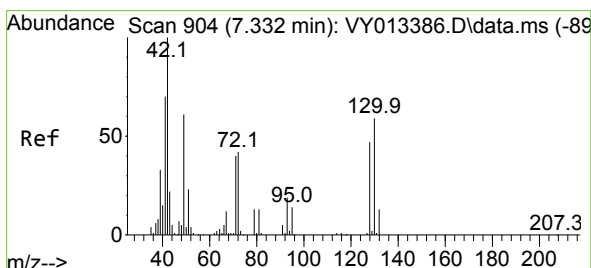
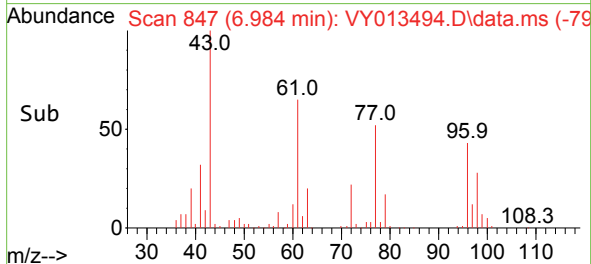
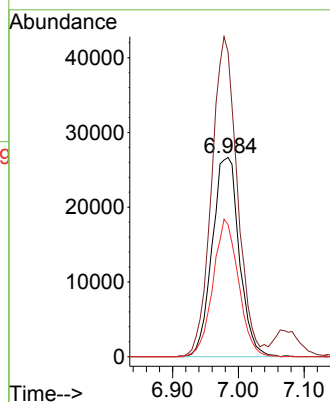
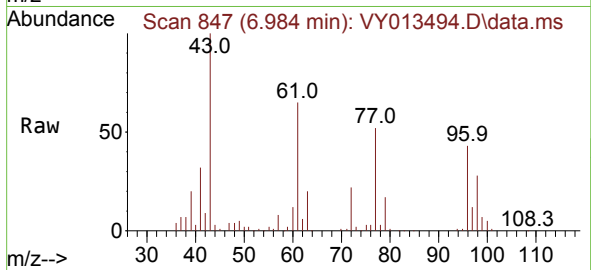




#27
 cis-1,2-Dichloroethene
 Concen: 21.678 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY013494.D
 Acq: 27 Apr 2023 16:06

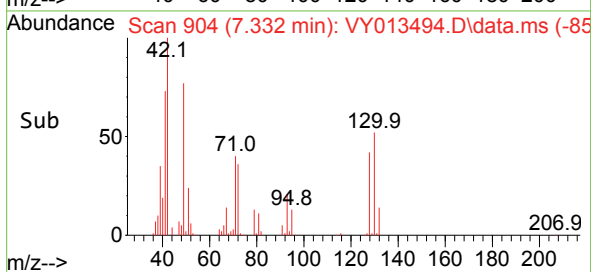
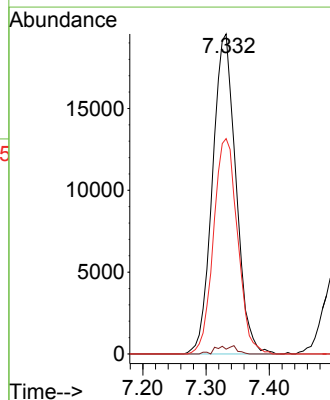
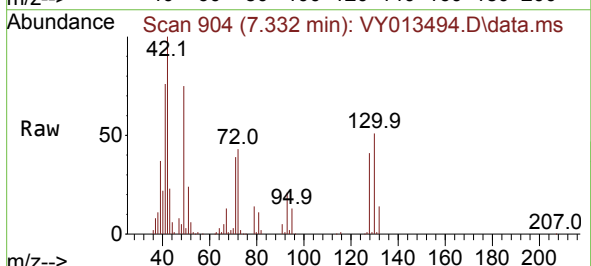
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0427SBS01

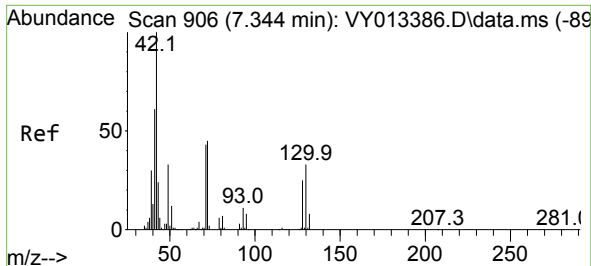
Tgt Ion:	96	Resp:	76332
Ion	Ratio	Lower	Upper
96	100		
61	153.3	0.0	285.0
98	65.3	0.0	130.6



#28
 Bromochloromethane
 Concen: 24.042 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY013494.D
 Acq: 27 Apr 2023 16:06

Tgt Ion:	49	Resp:	50266
Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	5.2
130	69.1	72.1	108.1#





#29

Tetrahydrofuran

Concen: 125.226 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY013494.D

Acq: 27 Apr 2023 16:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0427SBS01

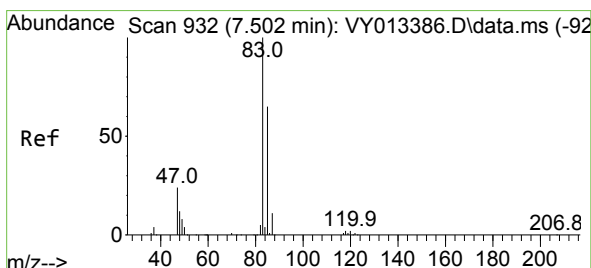
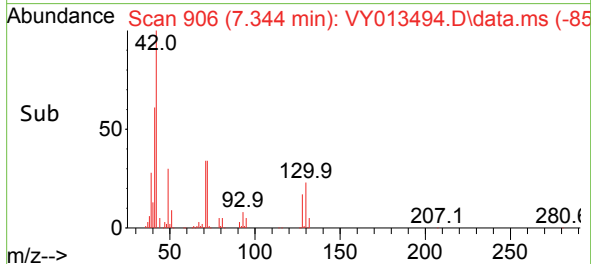
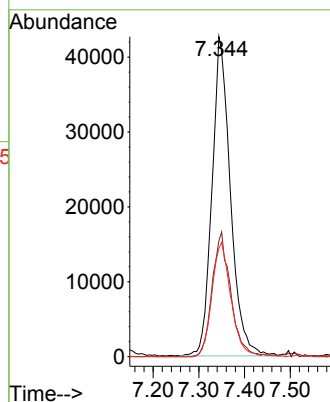
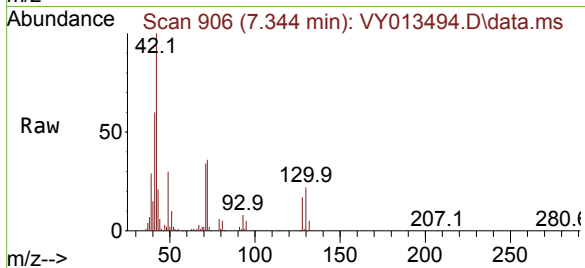
Tgt Ion: 42 Resp: 119696

Ion Ratio Lower Upper

42 100

72 39.3 35.9 53.9

71 37.2 34.3 51.5



#30

Chloroform

Concen: 23.097 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY013494.D

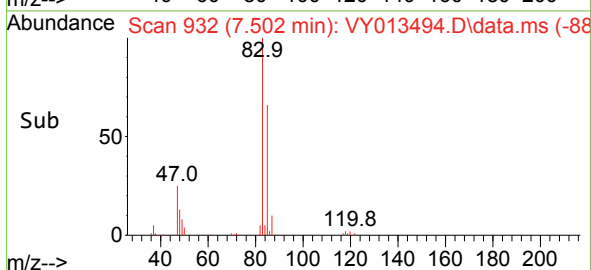
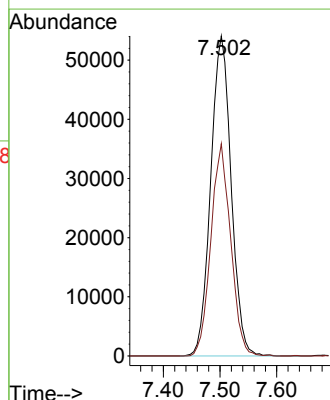
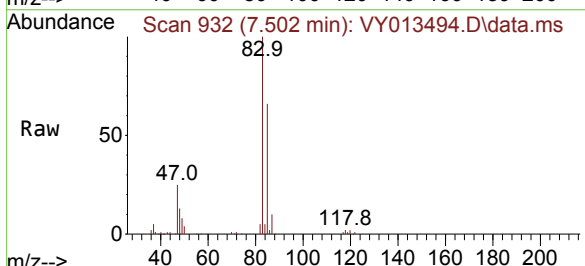
Acq: 27 Apr 2023 16:06

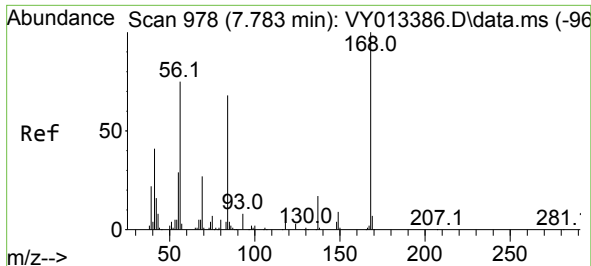
Tgt Ion: 83 Resp: 135302

Ion Ratio Lower Upper

83 100

85 66.3 52.0 78.0

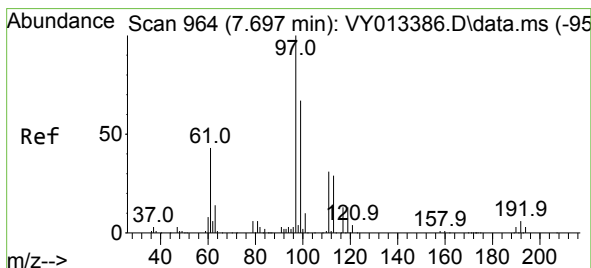
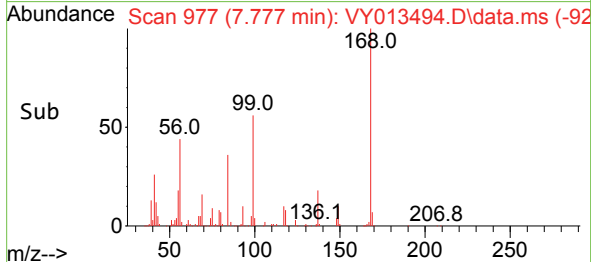
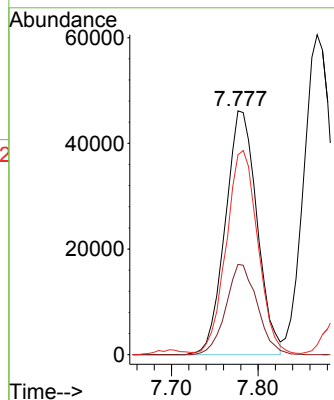
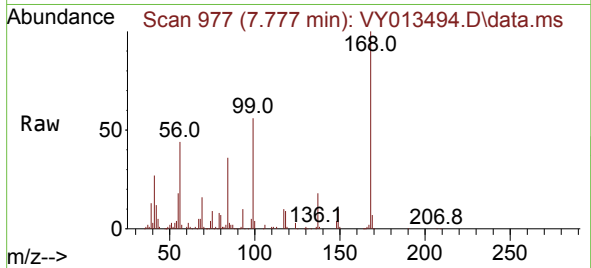




#31
Cyclohexane
Concen: 21.331 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013494.D
Acq: 27 Apr 2023 16:06

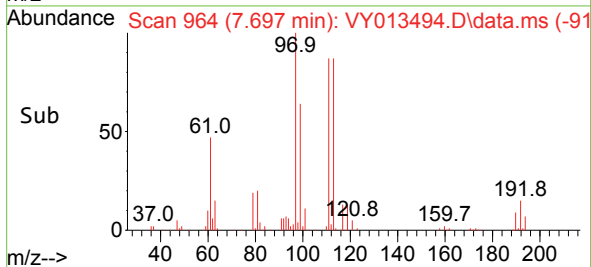
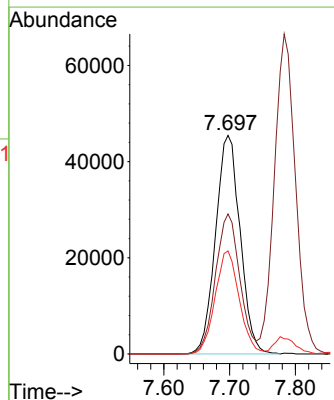
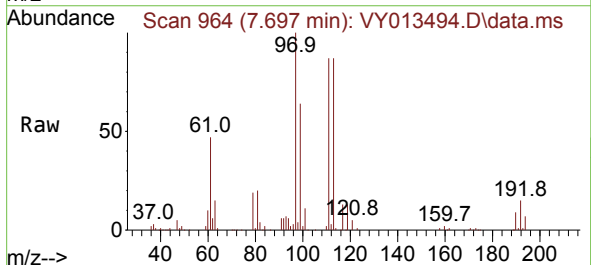
Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBS01

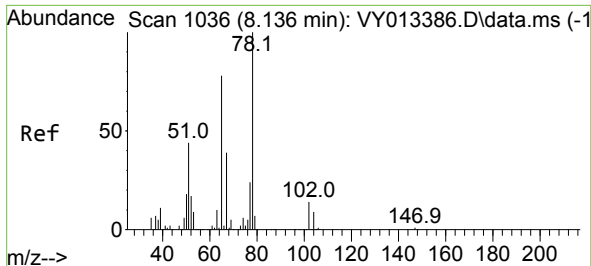
Tgt Ion: 56 Resp: 117418
Ion Ratio Lower Upper
56 100
69 37.0 29.2 43.8
84 80.7 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 22.625 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY013494.D
Acq: 27 Apr 2023 16:06

Tgt Ion: 97 Resp: 118269
Ion Ratio Lower Upper
97 100
99 63.5 52.2 78.2
61 46.4 33.8 50.8

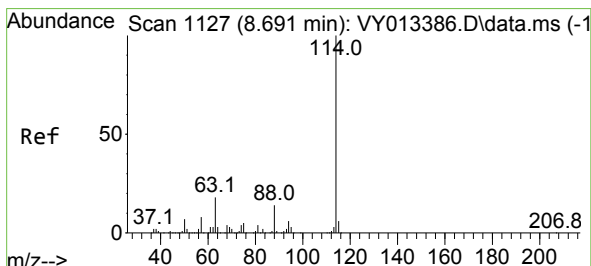
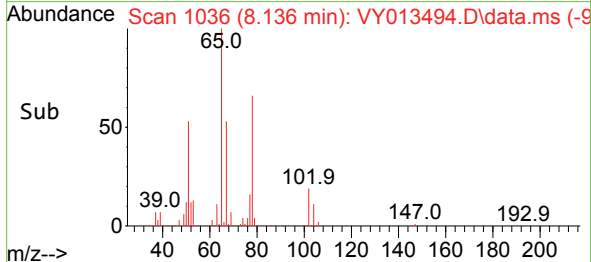
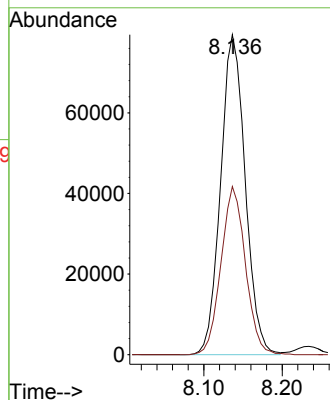
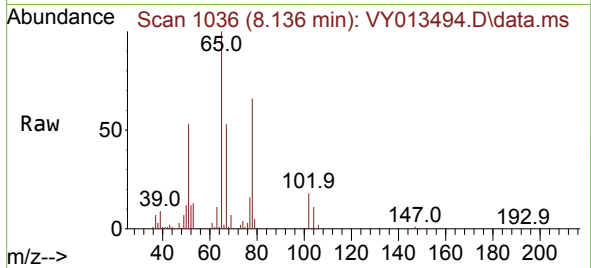




#33
 1,2-Dichloroethane-d4
 Concen: 56.416 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY013494.D
 Acq: 27 Apr 2023 16:06

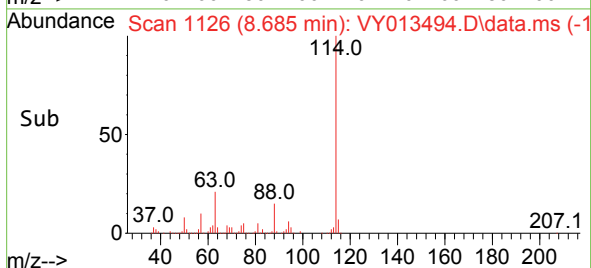
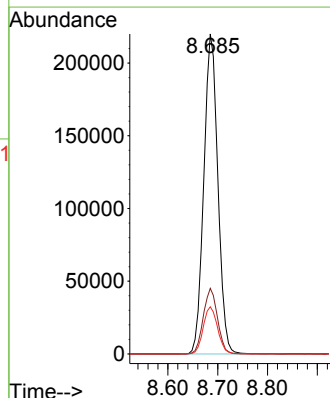
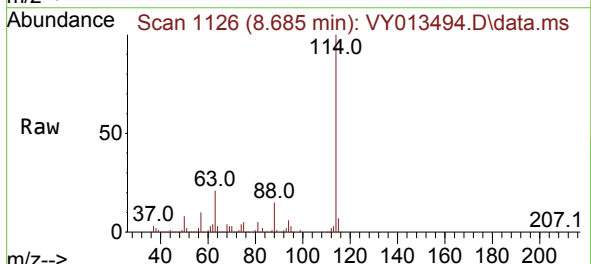
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0427SBS01

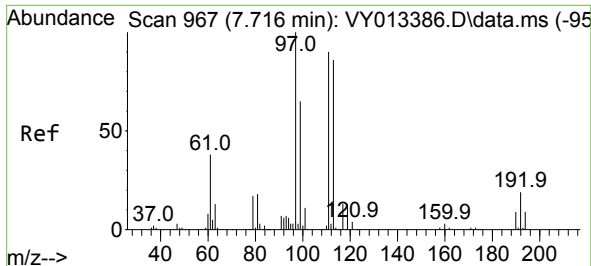
Tgt Ion: 65 Resp: 173452
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY013494.D
 Acq: 27 Apr 2023 16:06

Tgt Ion: 114 Resp: 429835
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 36.6
 88 14.8 0.0 28.8

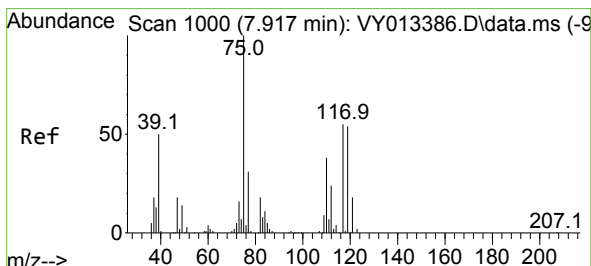
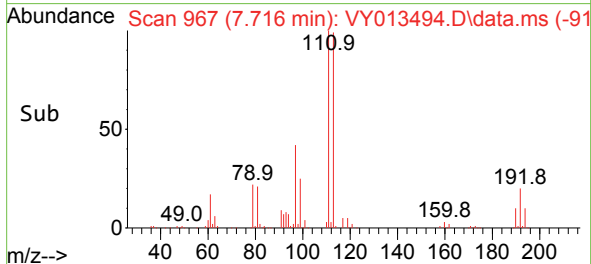
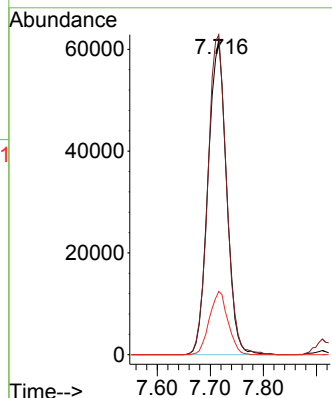
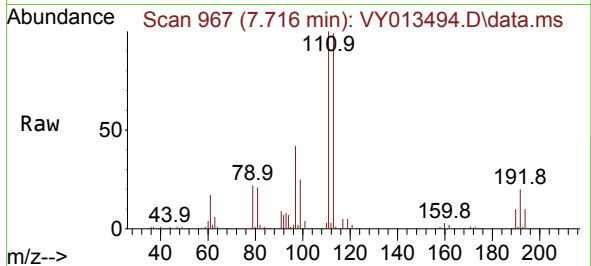




#35
Dibromofluoromethane
Concen: 55.268 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY013494.D
Acq: 27 Apr 2023 16:06

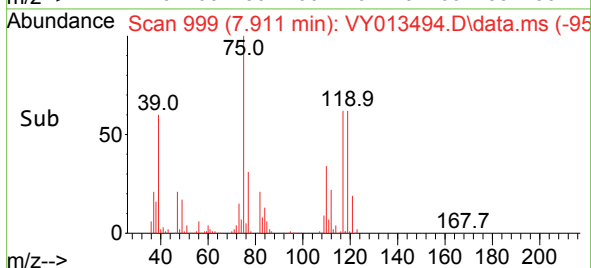
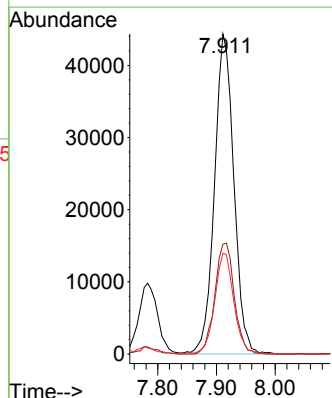
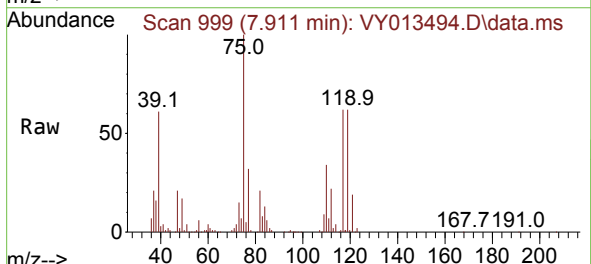
Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBS01

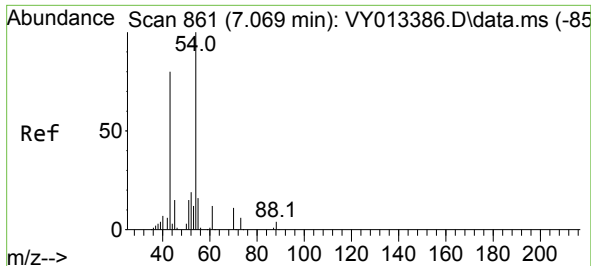
Tgt Ion:113 Resp: 149414
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.2
192 20.1 16.7 25.1



#36
1,1-Dichloropropene
Concen: 22.641 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY013494.D
Acq: 27 Apr 2023 16:06

Tgt Ion: 75 Resp: 101585
Ion Ratio Lower Upper
75 100
110 34.7 18.7 56.1
77 31.1 24.6 37.0

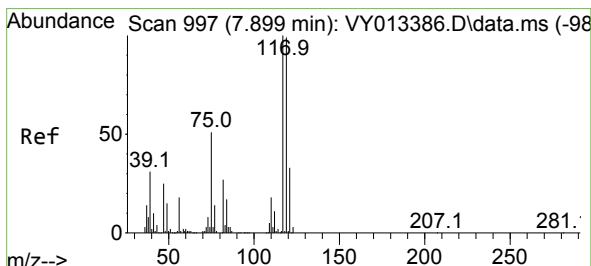
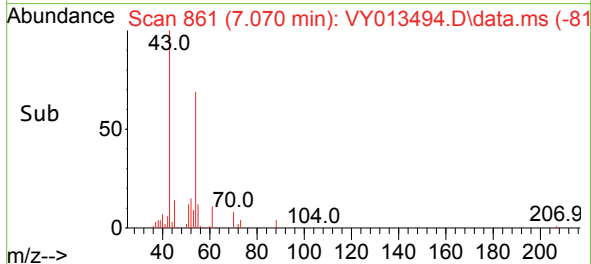
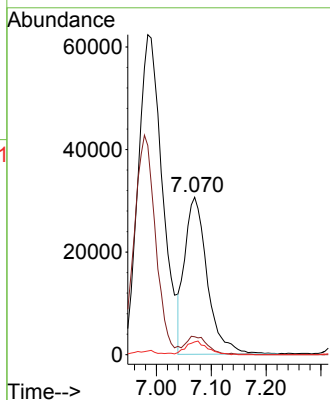
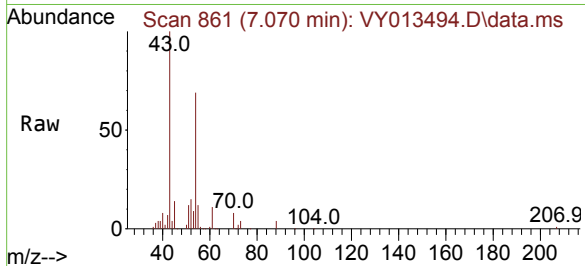




#37
Ethyl Acetate
Concen: 25.901 ug/l
RT: 7.070 min Scan# 80
Delta R.T. 0.001 min
Lab File: VY013494.D
Acq: 27 Apr 2023 16:06

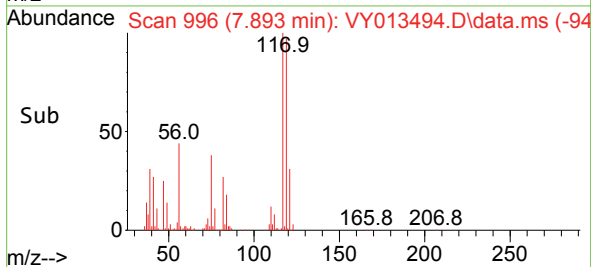
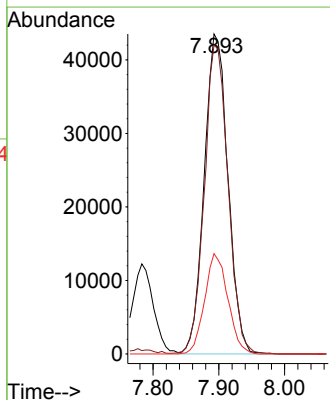
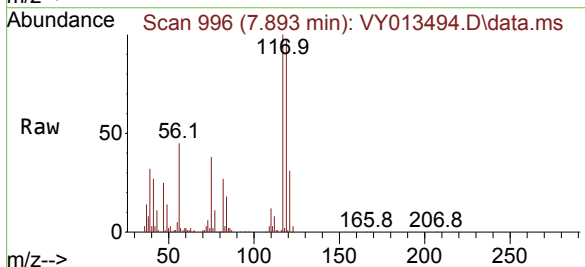
Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBS01

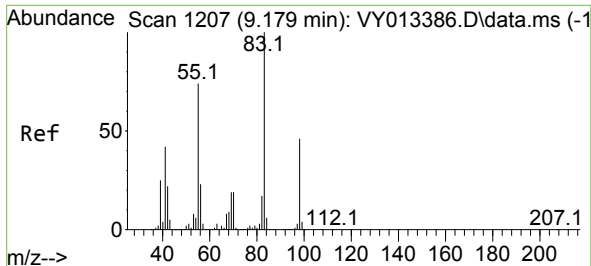
Tgt Ion: 43 Resp: 87453
Ion Ratio Lower Upper
43 100
61 10.6 11.4 17.0#
70 8.1 7.9 11.9



#38
Carbon Tetrachloride
Concen: 23.283 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.006 min
Lab File: VY013494.D
Acq: 27 Apr 2023 16:06

Tgt Ion: 117 Resp: 109494
Ion Ratio Lower Upper
117 100
119 96.5 79.0 118.6
121 31.4 26.6 40.0





#39

Methylcyclohexane

Concen: 21.932 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013494.D

Acq: 27 Apr 2023 16:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0427SBS01

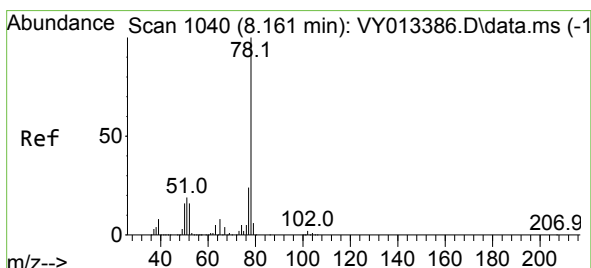
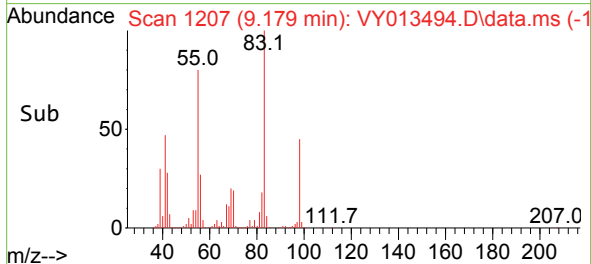
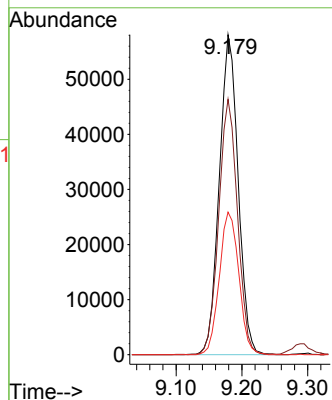
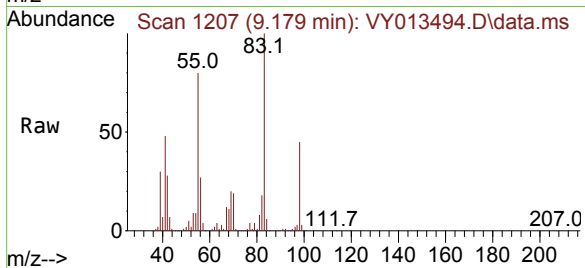
Tgt Ion: 83 Resp: 116007

Ion Ratio Lower Upper

83 100

55 79.7 59.0 88.4

98 44.6 37.0 55.4



#40

Benzene

Concen: 23.083 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY013494.D

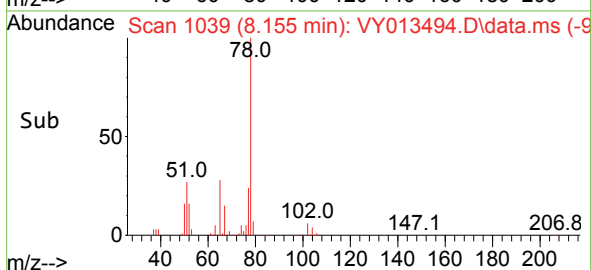
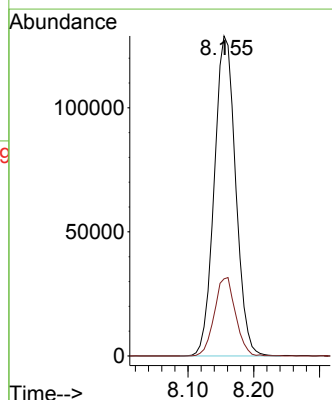
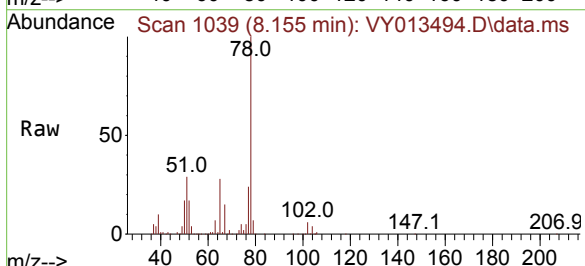
Acq: 27 Apr 2023 16:06

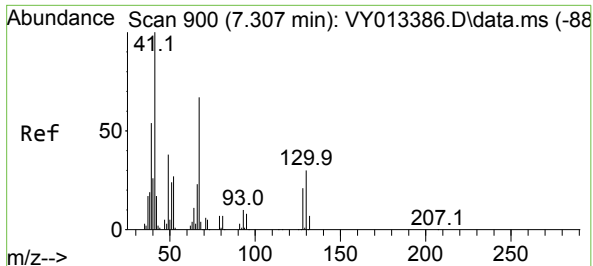
Tgt Ion: 78 Resp: 291737

Ion Ratio Lower Upper

78 100

77 24.1 19.2 28.8

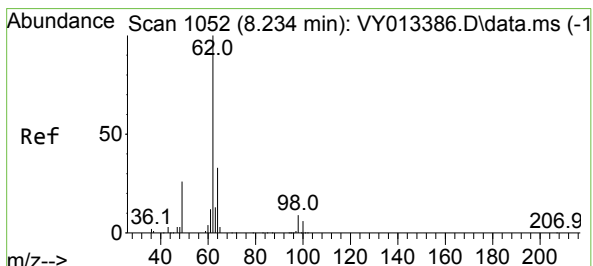
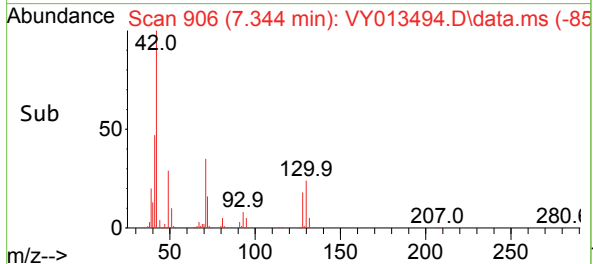
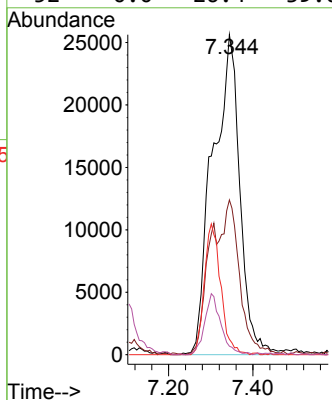
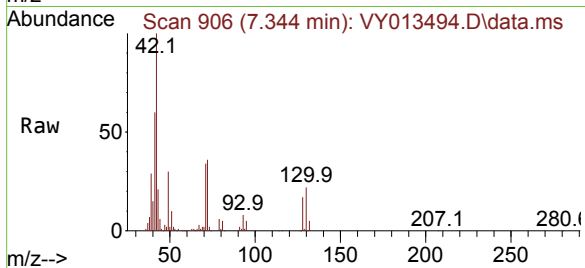




#41
Methacrylonitrile
Concen: 72.527 ug/l
RT: 7.344 min Scan# 900
Delta R.T. 0.037 min
Lab File: VY013494.D
Acq: 27 Apr 2023 16:06

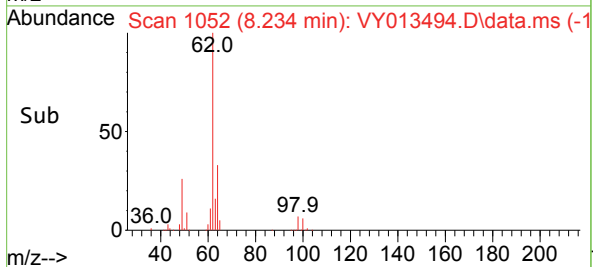
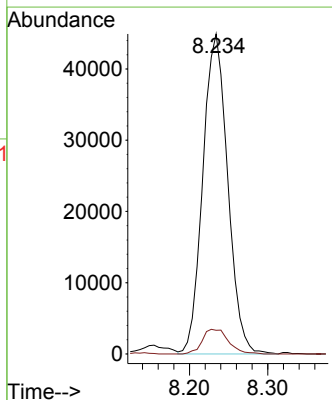
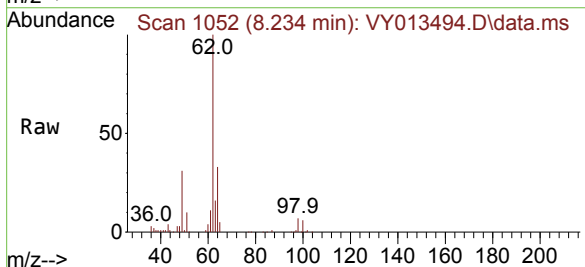
Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBS01

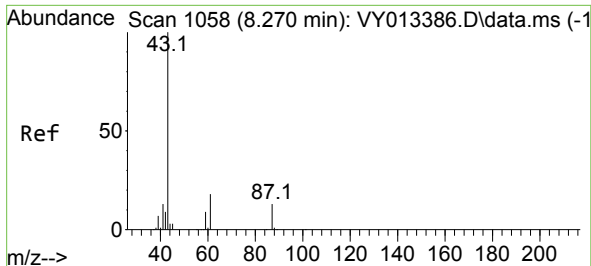
Tgt Ion: 41 Resp: 114114
Ion Ratio Lower Upper
41 100
39 24.2 44.2 66.4#
67 0.0 62.9 94.3#
52 0.0 26.4 39.6#



#42
1,2-Dichloroethane
Concen: 24.020 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013494.D
Acq: 27 Apr 2023 16:06

Tgt Ion: 62 Resp: 99252
Ion Ratio Lower Upper
62 100
98 8.1 0.0 17.8

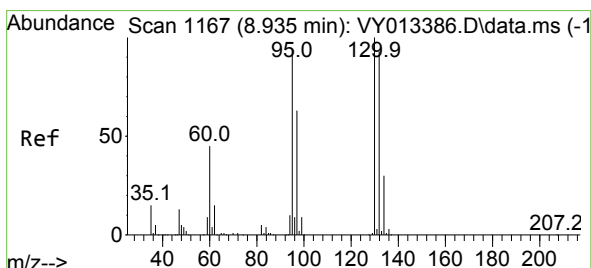
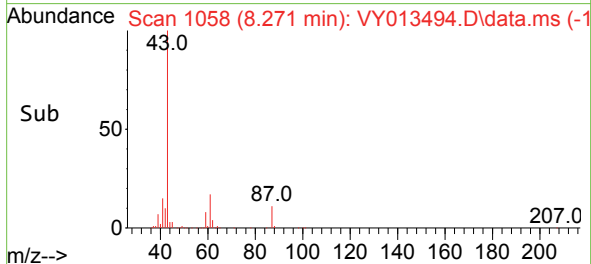
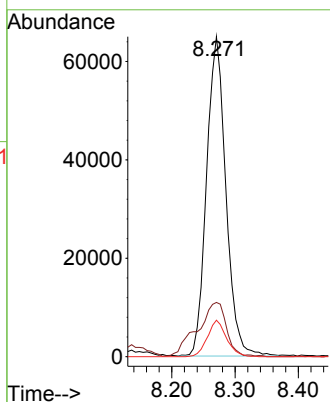
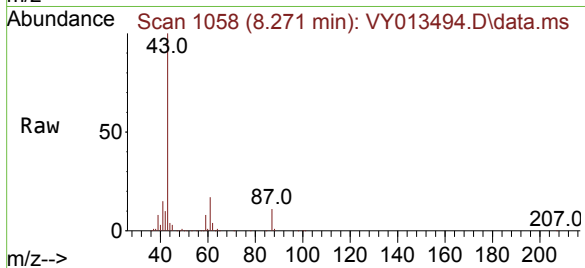




#43
Isopropyl Acetate
Concen: 24.239 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.001 min
Lab File: VY013494.D
Acq: 27 Apr 2023 16:06

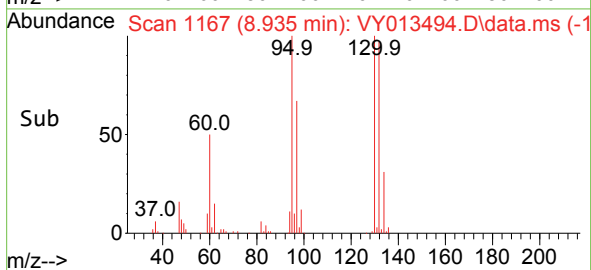
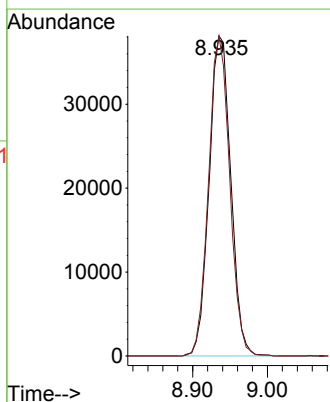
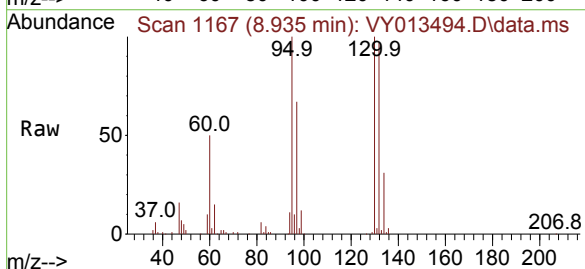
Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBS01

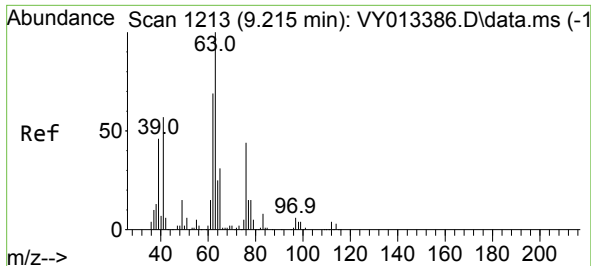
Tgt Ion: 43 Resp: 138143
Ion Ratio Lower Upper
43 100
61 25.7 22.2 33.4
87 11.3 11.0 16.6



#44
Trichloroethene
Concen: 22.817 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY013494.D
Acq: 27 Apr 2023 16:06

Tgt Ion:130 Resp: 76708
Ion Ratio Lower Upper
130 100
95 99.9 0.0 188.8





#45

1,2-Dichloropropane

Concen: 23.403 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.006 min

Lab File: VY013494.D

Acq: 27 Apr 2023 16:06

Instrument :

MSVOA_Y

ClientSampleId :

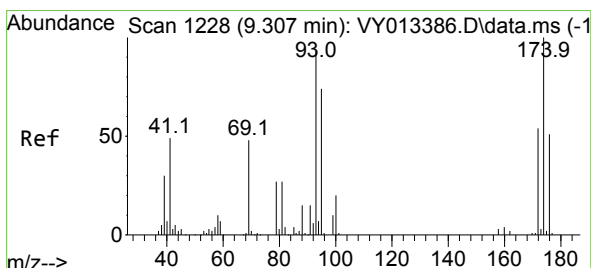
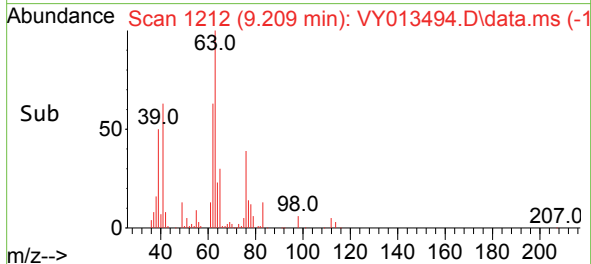
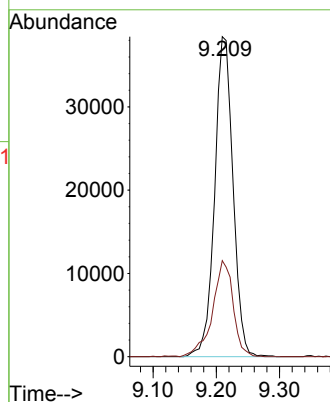
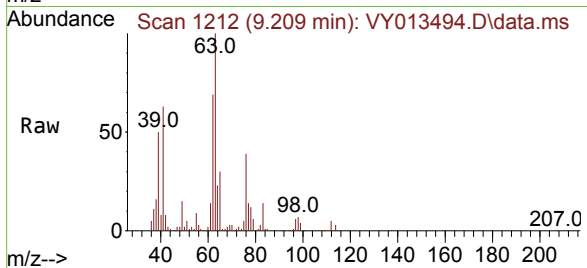
VY0427SBS01

Tgt Ion: 63 Resp: 77336

Ion Ratio Lower Upper

63 100

65 30.0 24.6 37.0



#46

Dibromomethane

Concen: 23.766 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY013494.D

Acq: 27 Apr 2023 16:06

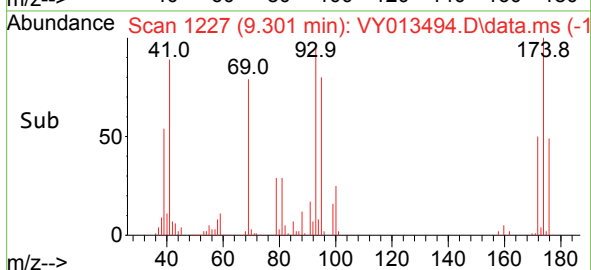
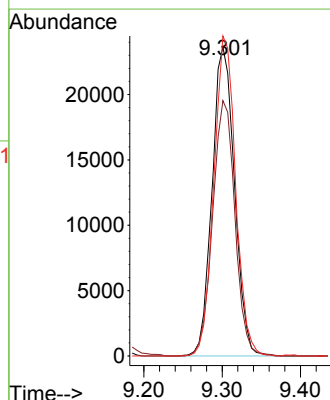
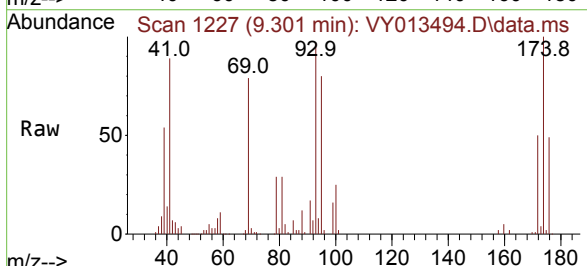
Tgt Ion: 93 Resp: 46992

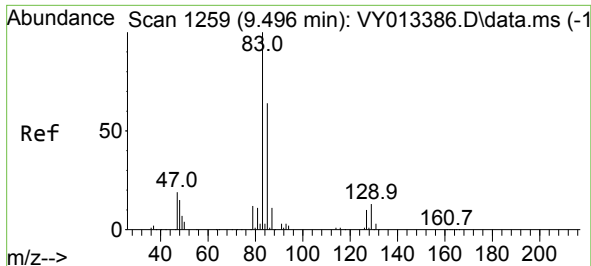
Ion Ratio Lower Upper

93 100

95 82.2 67.1 100.7

174 100.4 87.0 130.4

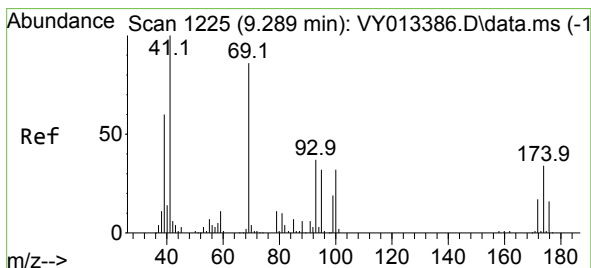
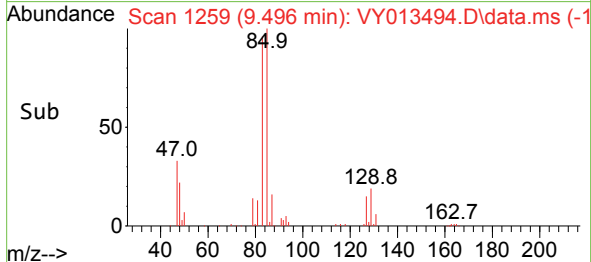
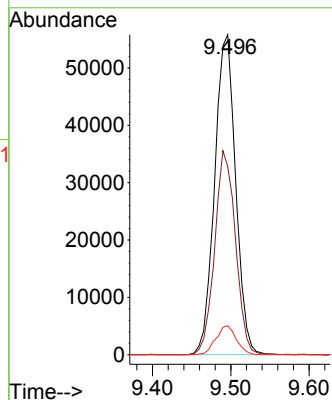
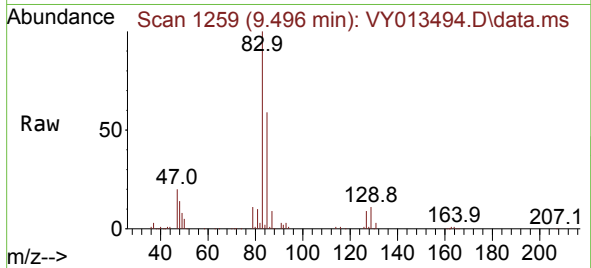




#47
Bromodichloromethane
Concen: 23.515 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY013494.D
Acq: 27 Apr 2023 16:06

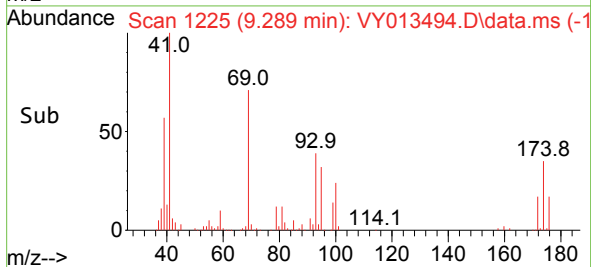
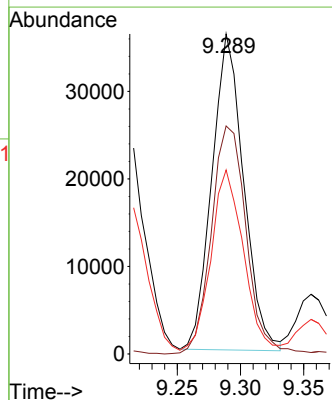
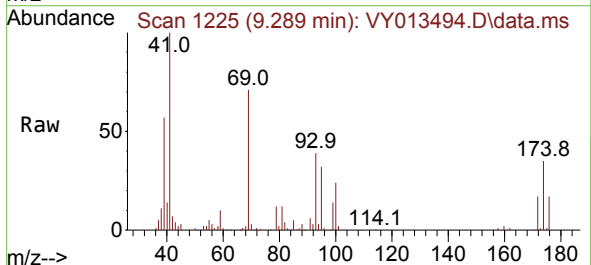
Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBS01

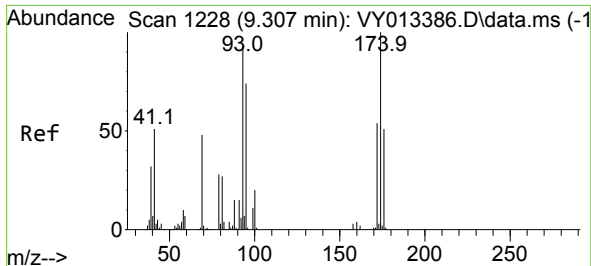
Tgt Ion: 83 Resp: 104037
Ion Ratio Lower Upper
83 100
85 58.8 51.4 77.2
127 9.1 8.1 12.1



#48
Methyl methacrylate
Concen: 24.046 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY013494.D
Acq: 27 Apr 2023 16:06

Tgt Ion: 41 Resp: 62939
Ion Ratio Lower Upper
41 100
69 79.4 70.2 105.4
39 58.2 47.9 71.9

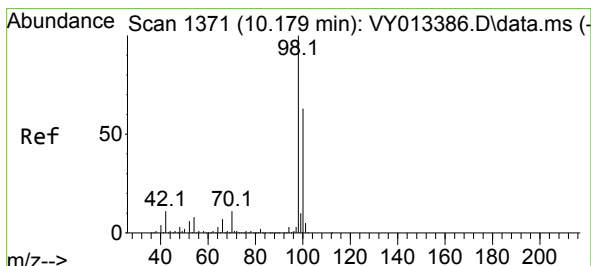
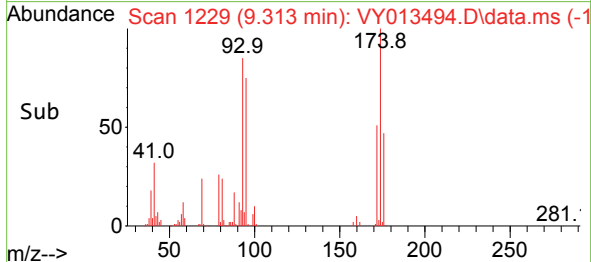
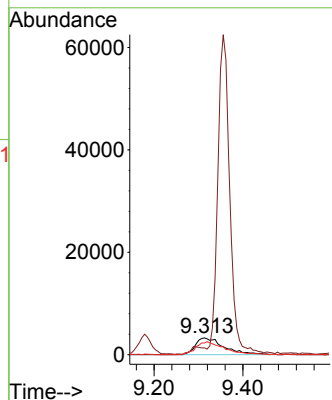
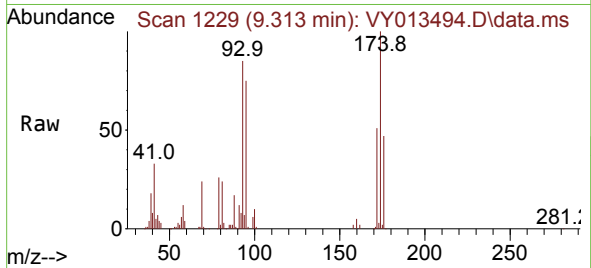




#49
1,4-Dioxane
Concen: 518.568 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY013494.D
Acq: 27 Apr 2023 16:06

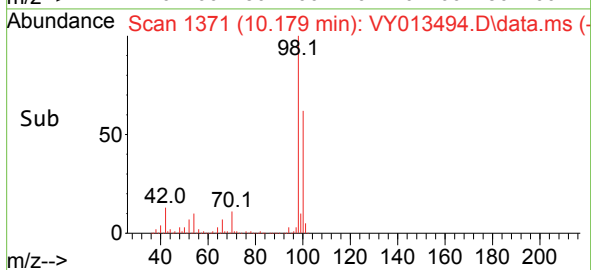
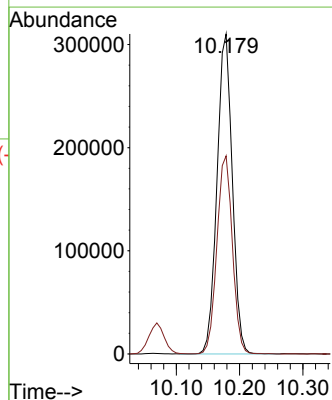
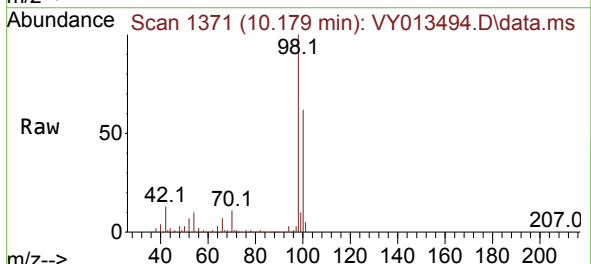
Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBS01

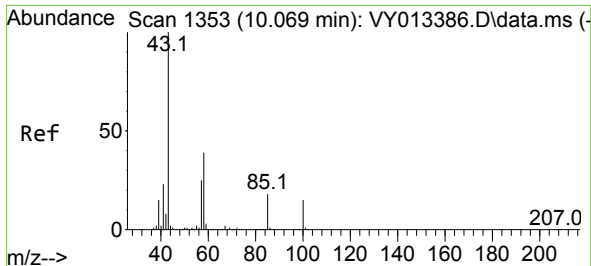
Tgt Ion: 88 Resp: 14644
Ion Ratio Lower Upper
88 100
43 0.0 16.8 25.2#
58 73.6 54.3 81.5



#50
Toluene-d8
Concen: 53.974 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013494.D
Acq: 27 Apr 2023 16:06

Tgt Ion: 98 Resp: 519083
Ion Ratio Lower Upper
98 100
100 62.7 50.5 75.7

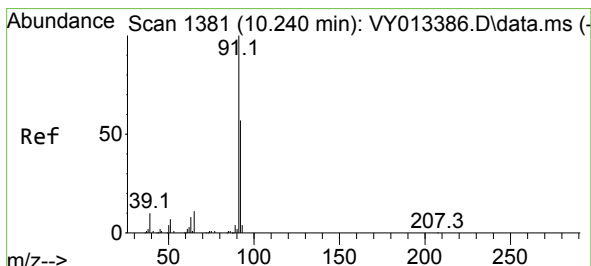
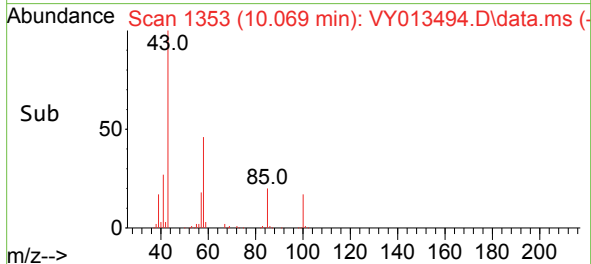
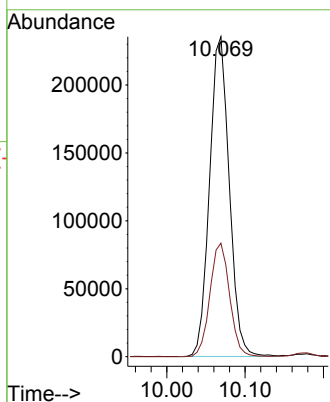
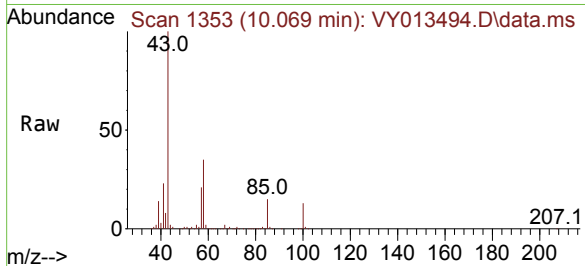




#51
4-Methyl-2-Pentanone
Concen: 129.559 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013494.D
Acq: 27 Apr 2023 16:06

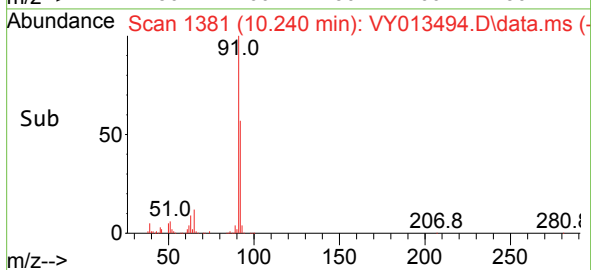
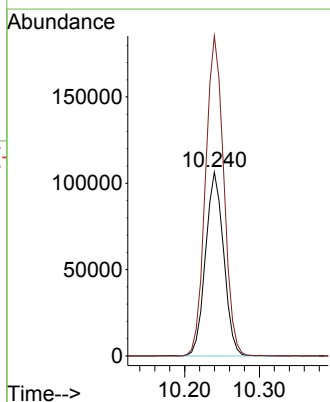
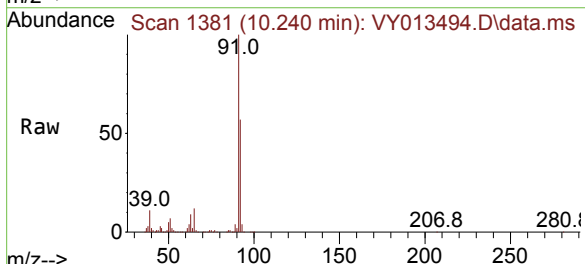
Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBS01

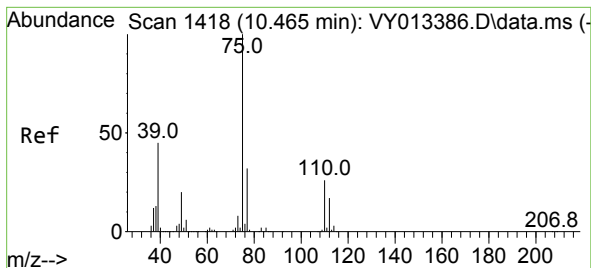
Tgt Ion: 43 Resp: 411454
Ion Ratio Lower Upper
43 100
58 35.6 30.6 46.0



#52
Toluene
Concen: 23.589 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013494.D
Acq: 27 Apr 2023 16:06

Tgt Ion: 92 Resp: 179409
Ion Ratio Lower Upper
92 100
91 175.3 140.2 210.4

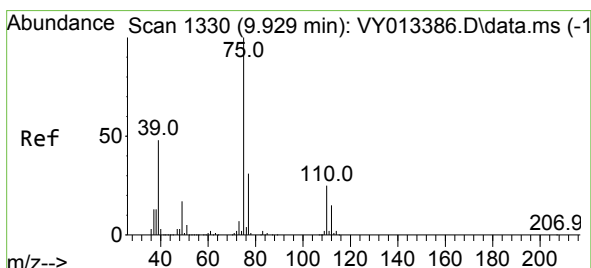
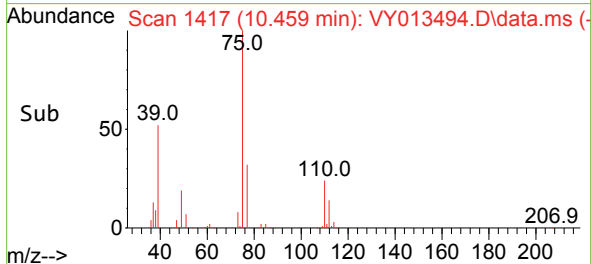
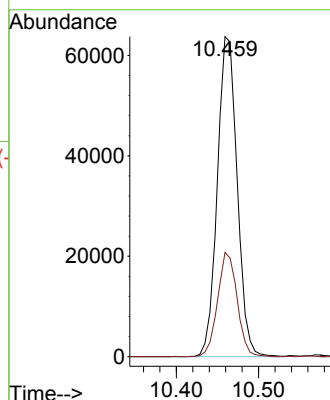
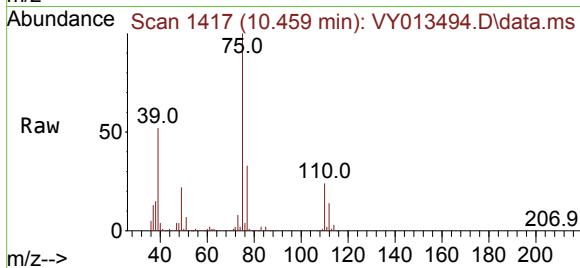




#53
 t-1,3-Dichloropropene
 Concen: 22.844 ug/l
 RT: 10.459 min Scan# 1418
 Delta R.T. -0.006 min
 Lab File: VY013494.D
 Acq: 27 Apr 2023 16:06

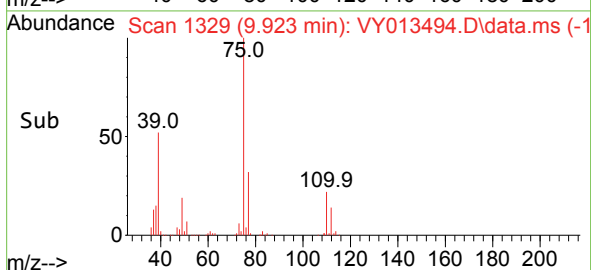
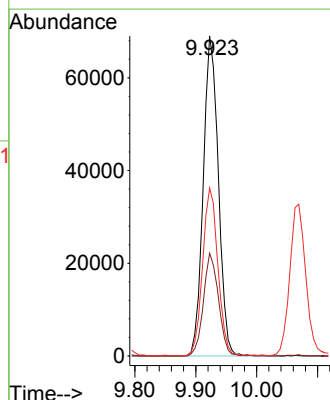
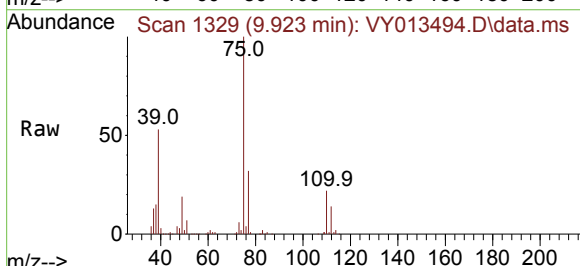
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0427SBS01

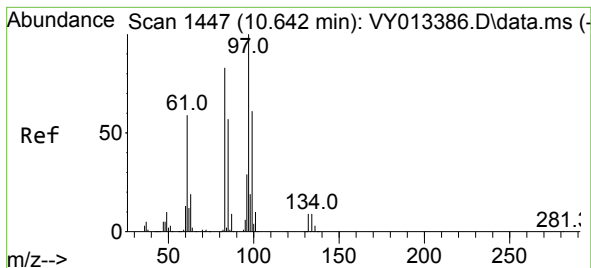
Tgt Ion: 75 Resp: 106967
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 22.615 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: VY013494.D
 Acq: 27 Apr 2023 16:06

Tgt Ion: 75 Resp: 119154
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.8 37.2
 39 52.4 38.1 57.1

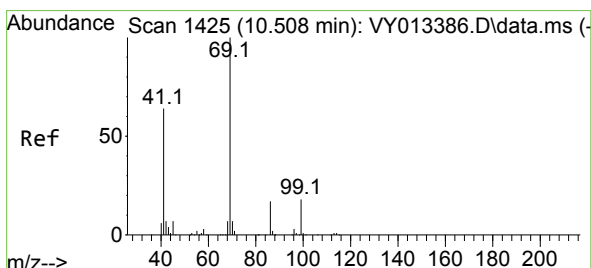
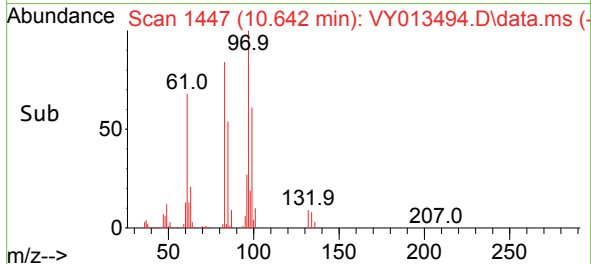
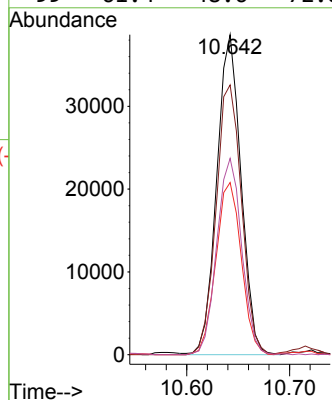
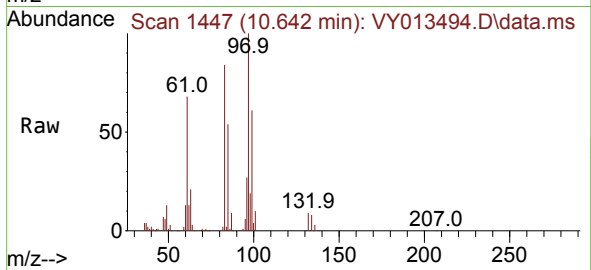




#55
1,1,2-Trichloroethane
Concen: 24.199 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY013494.D
Acq: 27 Apr 2023 16:06

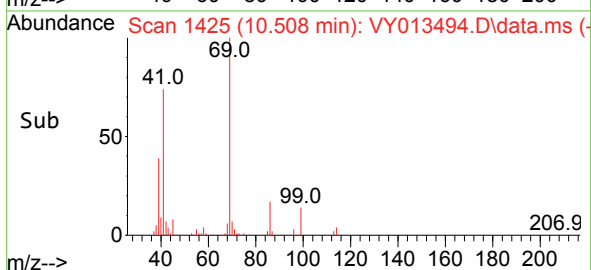
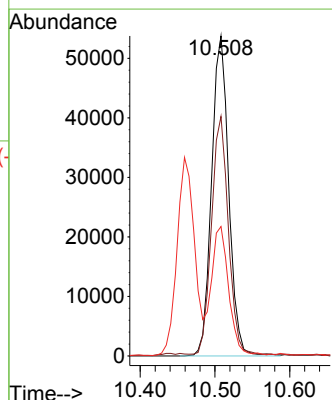
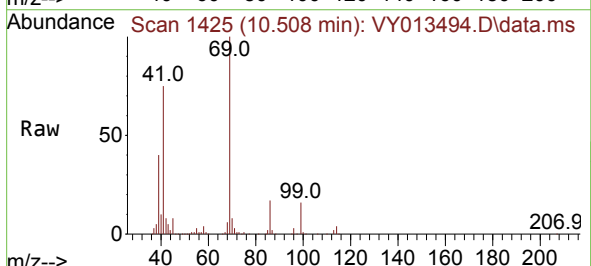
Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBS01

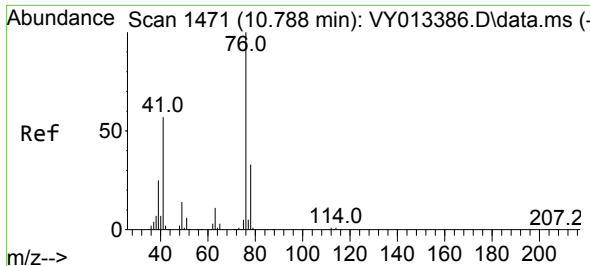
Tgt Ion: 97	Resp: 63363
Ion Ratio	Lower Upper
97 100	
83 84.3	66.4 99.6
85 53.8	45.6 68.4
99 61.4	48.6 72.8



#56
Ethyl methacrylate
Concen: 23.634 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY013494.D
Acq: 27 Apr 2023 16:06

Tgt Ion: 69	Resp: 85857
Ion Ratio	Lower Upper
69 100	
41 72.8	51.4 77.0
39 40.7	29.0 43.6





#57

1,3-Dichloropropane

Concen: 23.853 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013494.D

Acq: 27 Apr 2023 16:06

Instrument :

MSVOA_Y

ClientSampleId :

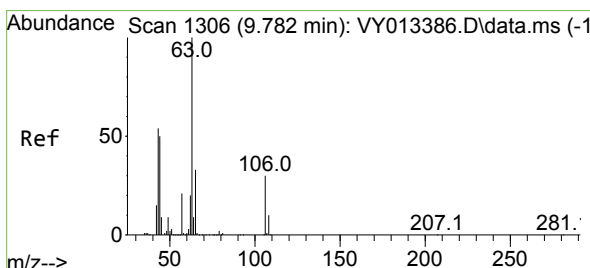
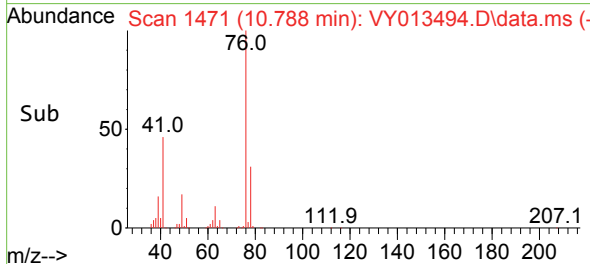
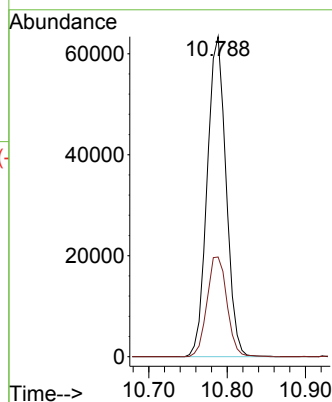
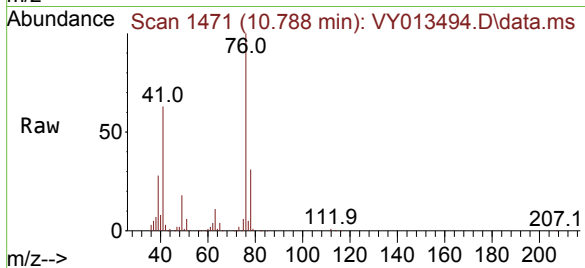
VY0427SBS01

Tgt Ion: 76 Resp: 105779

Ion Ratio Lower Upper

76 100

78 33.0 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 134.164 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY013494.D

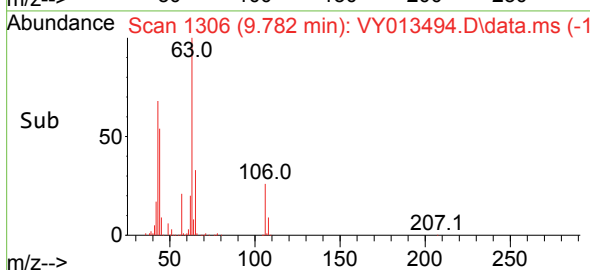
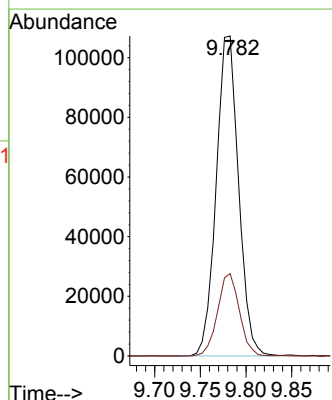
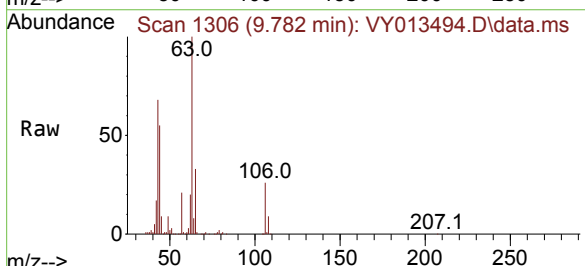
Acq: 27 Apr 2023 16:06

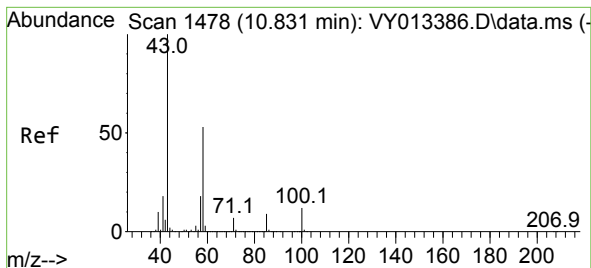
Tgt Ion: 63 Resp: 182760

Ion Ratio Lower Upper

63 100

106 25.1 23.5 35.3

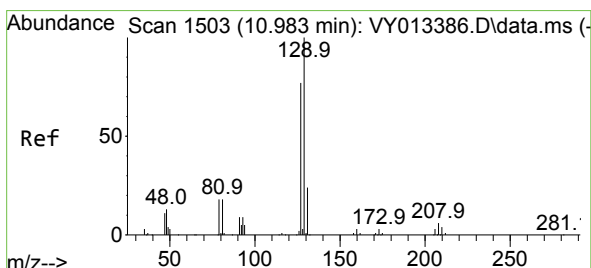
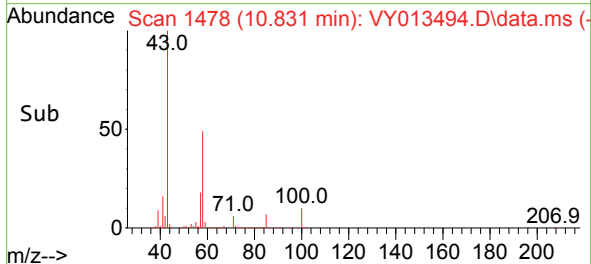
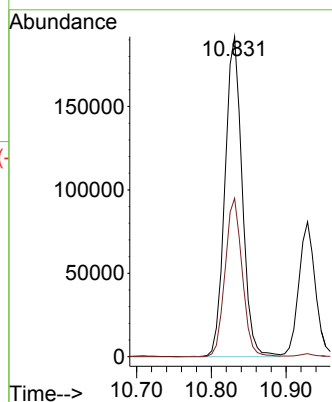
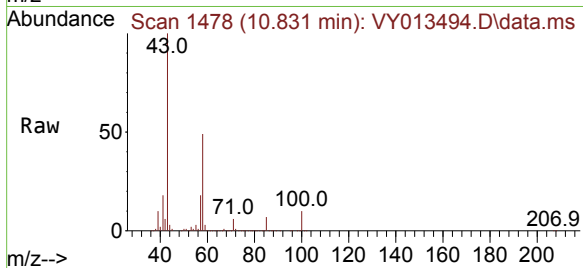




#59
2-Hexanone
Concen: 133.537 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013494.D
Acq: 27 Apr 2023 16:06

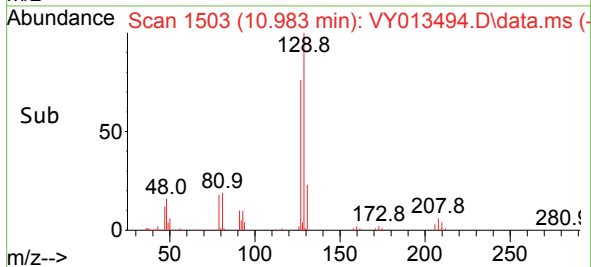
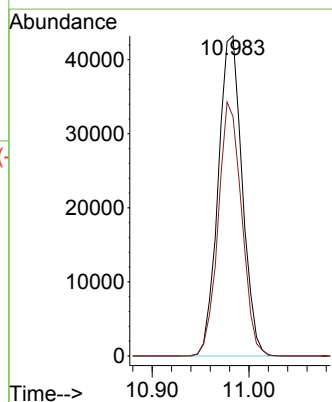
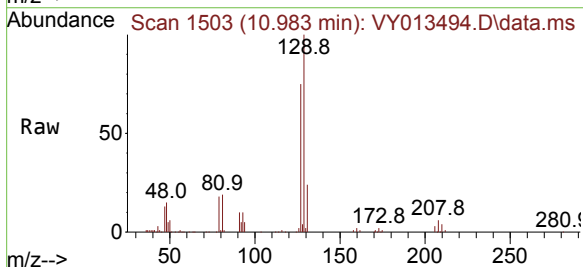
Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBS01

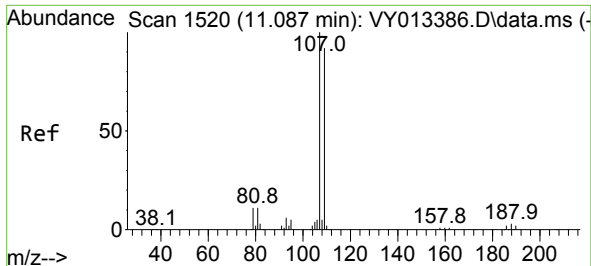
Tgt Ion: 43 Resp: 308277
Ion Ratio Lower Upper
43 100
58 49.1 26.3 78.8



#60
Dibromochloromethane
Concen: 23.387 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013494.D
Acq: 27 Apr 2023 16:06

Tgt Ion: 129 Resp: 74357
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1

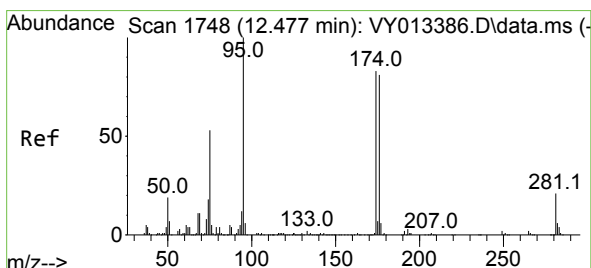
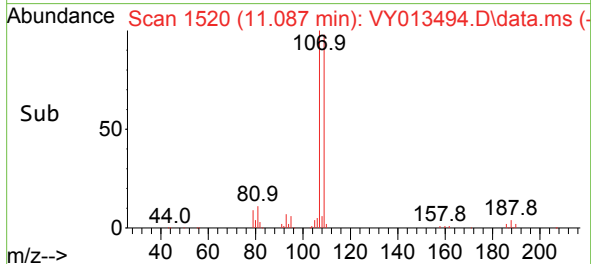
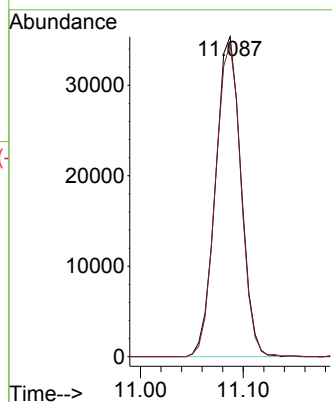
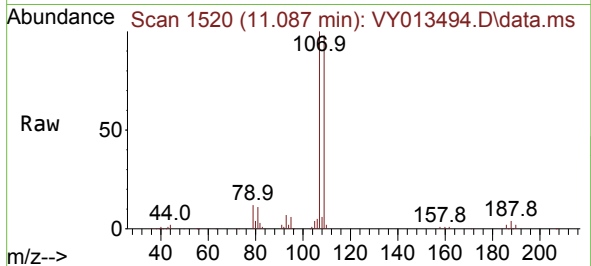




#61
1,2-Dibromoethane
Concen: 23.627 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013494.D
Acq: 27 Apr 2023 16:06

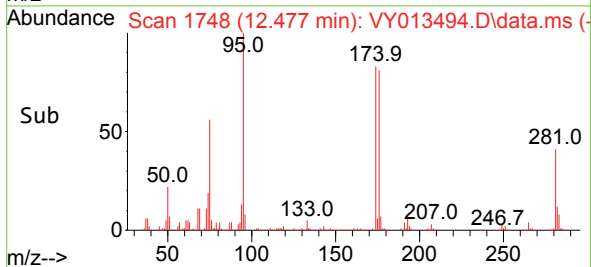
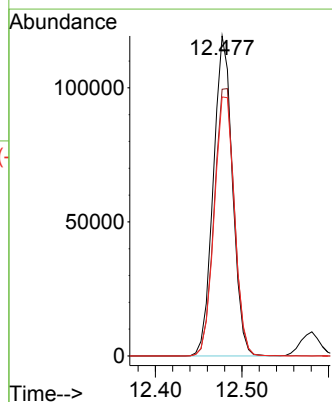
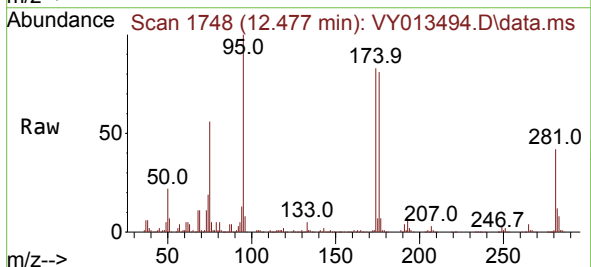
Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBS01

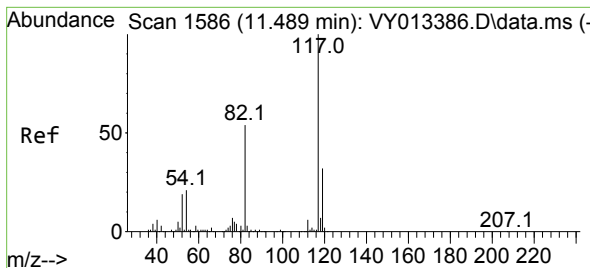
Tgt Ion:107 Resp: 60824
Ion Ratio Lower Upper
107 100
109 97.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 56.544 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013494.D
Acq: 27 Apr 2023 16:06

Tgt Ion: 95 Resp: 183328
Ion Ratio Lower Upper
95 100
174 87.9 0.0 182.0
176 85.6 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013494.D

Acq: 27 Apr 2023 16:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0427SBS01

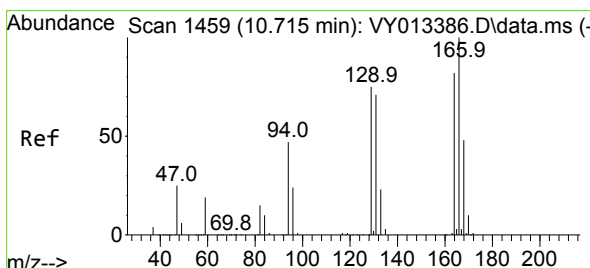
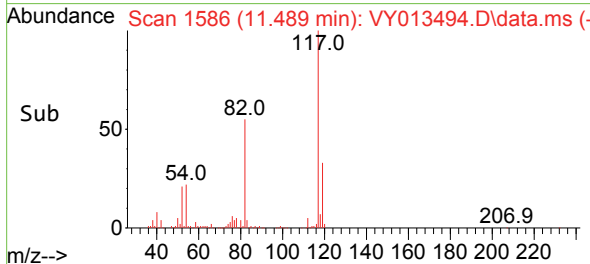
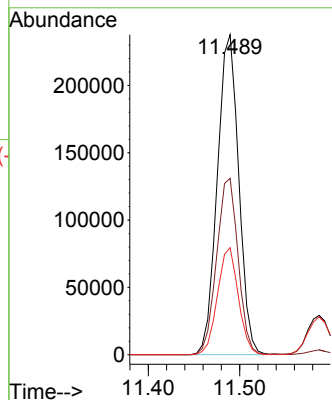
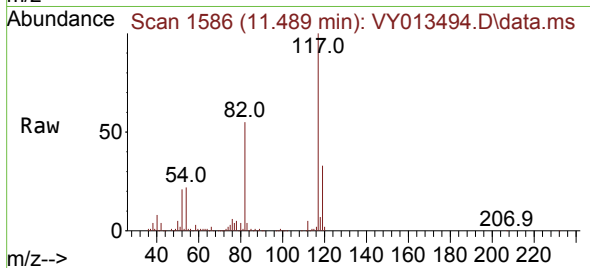
Tgt Ion:117 Resp: 387693

Ion Ratio Lower Upper

117 100

82 55.1 43.0 64.6

119 33.5 25.5 38.3



#64

Tetrachloroethene

Concen: 23.014 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY013494.D

Acq: 27 Apr 2023 16:06

Tgt Ion:164 Resp: 67846

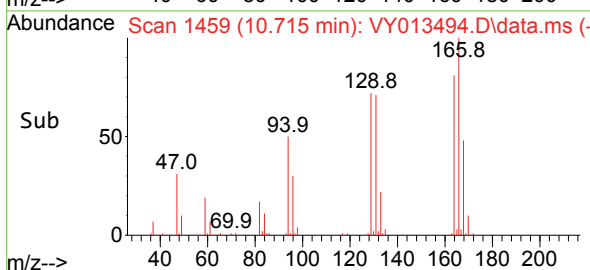
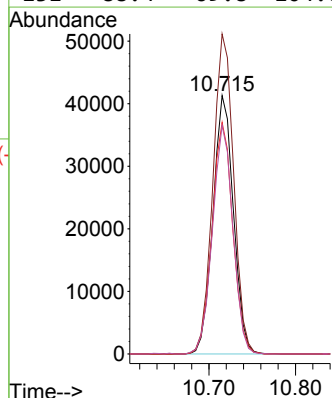
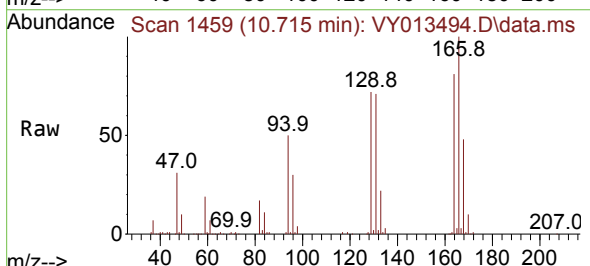
Ion Ratio Lower Upper

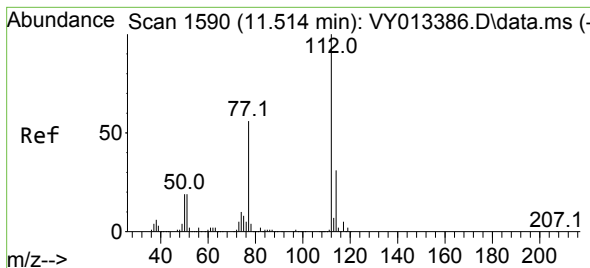
164 100

166 123.8 97.5 146.3

129 89.6 72.6 109.0

131 88.4 69.8 104.6

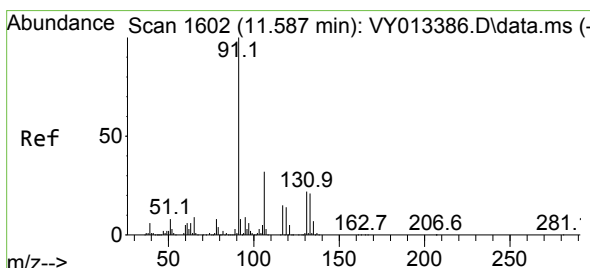
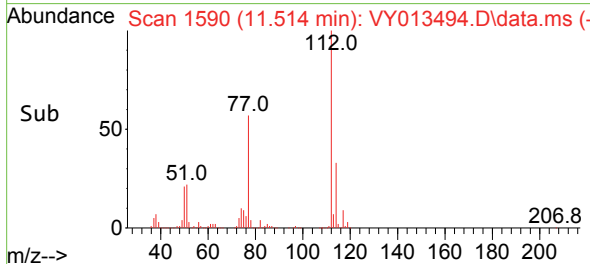
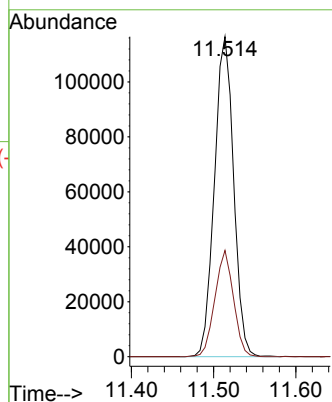
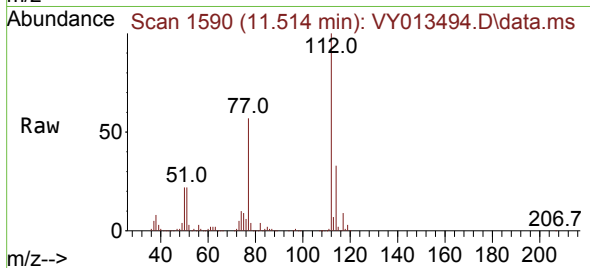




#65
Chlorobenzene
Concen: 22.389 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY013494.D
Acq: 27 Apr 2023 16:06

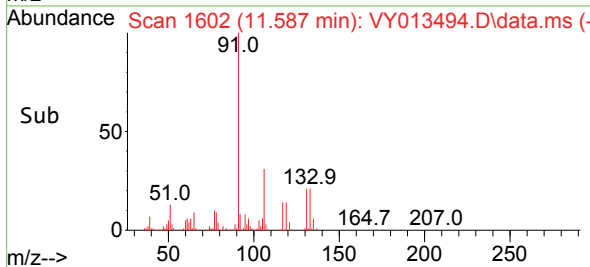
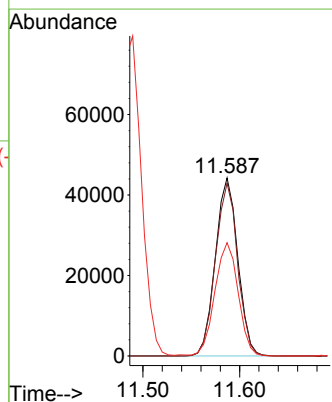
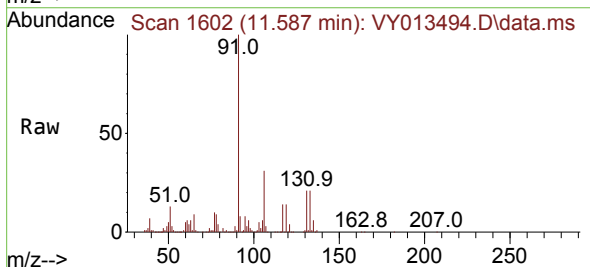
Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBS01

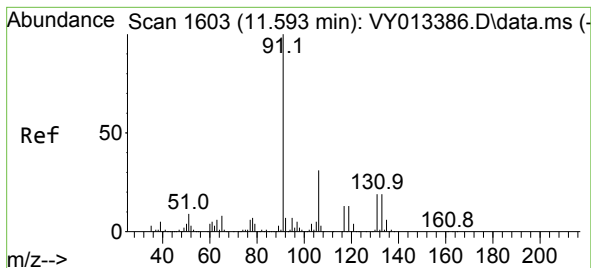
Tgt Ion:112 Resp: 189086
Ion Ratio Lower Upper
112 100
114 33.2 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 22.598 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY013494.D
Acq: 27 Apr 2023 16:06

Tgt Ion:131 Resp: 71376
Ion Ratio Lower Upper
131 100
133 96.0 47.7 143.1
119 66.2 32.6 98.0





#67

Ethyl Benzene

Concen: 22.169 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013494.D

Acq: 27 Apr 2023 16:06

Instrument :

MSVOA_Y

ClientSampleId :

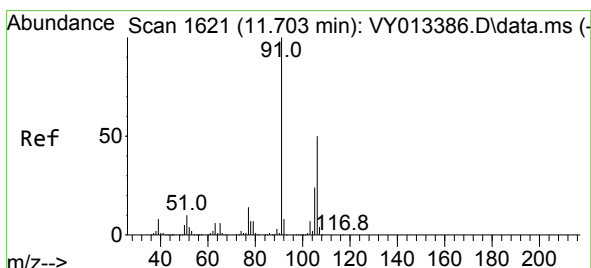
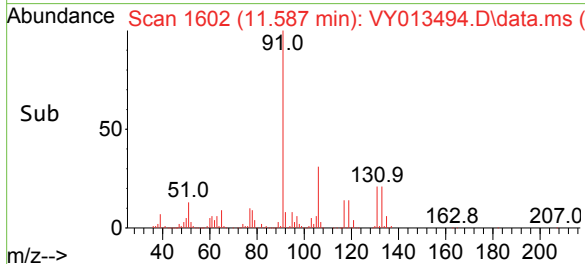
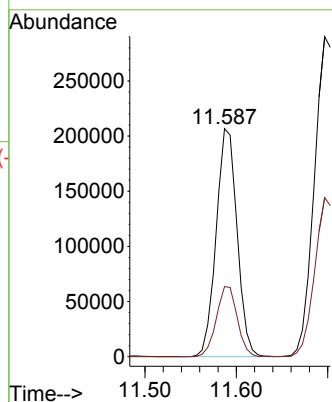
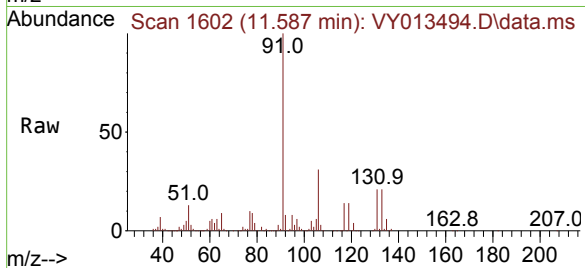
VY0427SBS01

Tgt Ion: 91 Resp: 328775

Ion Ratio Lower Upper

91 100

106 30.8 25.1 37.7



#68

m/p-Xylenes

Concen: 45.746 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY013494.D

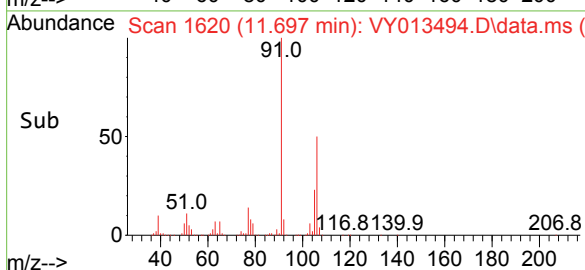
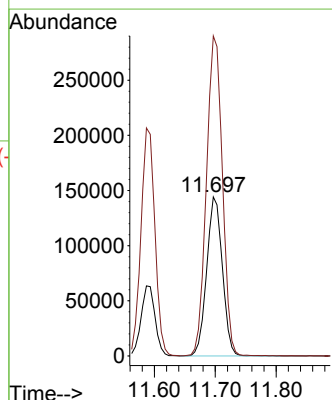
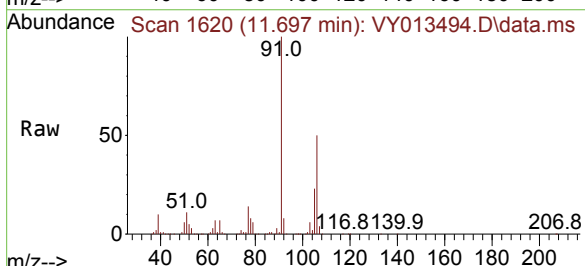
Acq: 27 Apr 2023 16:06

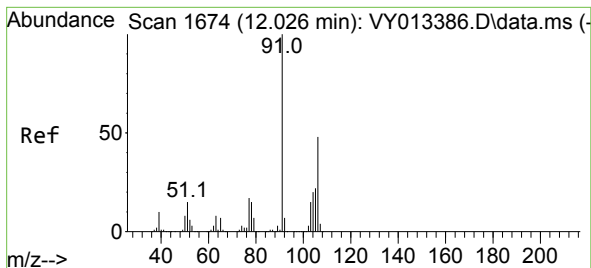
Tgt Ion:106 Resp: 257906

Ion Ratio Lower Upper

106 100

91 204.8 160.9 241.3





#69

o-Xylene

Concen: 21.894 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013494.D

Acq: 27 Apr 2023 16:06

Instrument :

MSVOA_Y

ClientSampleId :

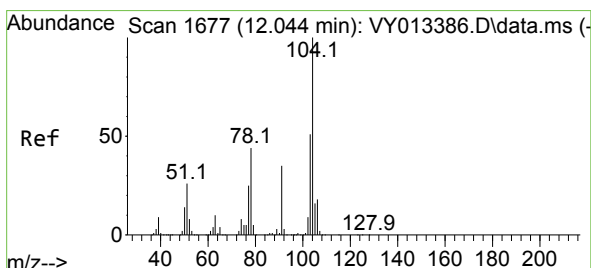
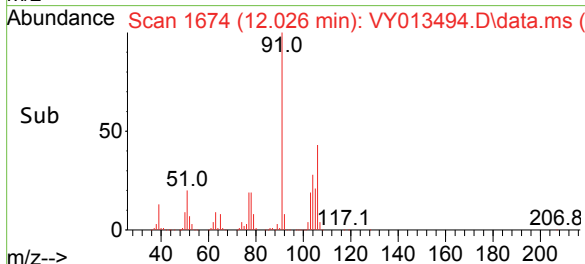
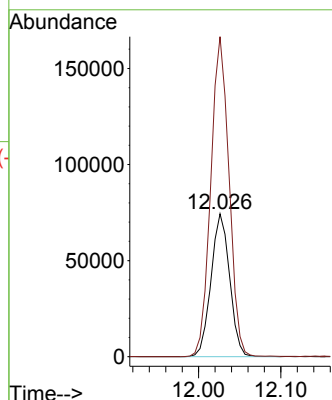
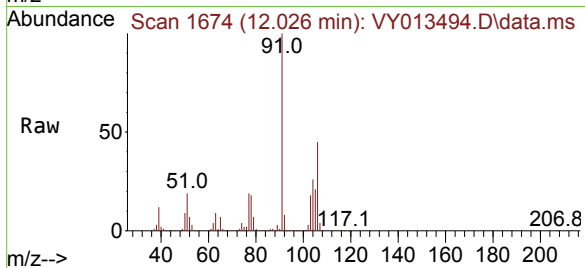
VY0427SBS01

Tgt Ion:106 Resp: 116735

Ion Ratio Lower Upper

106 100

91 220.9 105.5 316.4



#70

Styrene

Concen: 23.090 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. -0.006 min

Lab File: VY013494.D

Acq: 27 Apr 2023 16:06

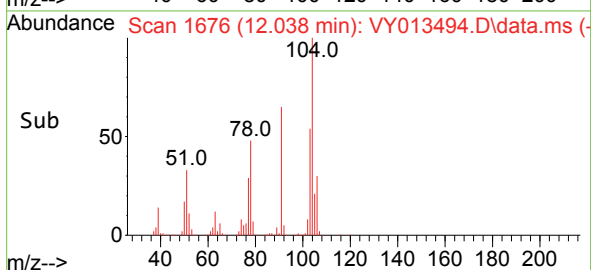
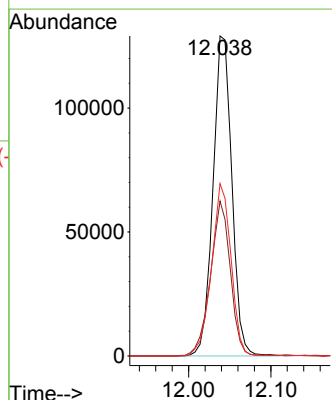
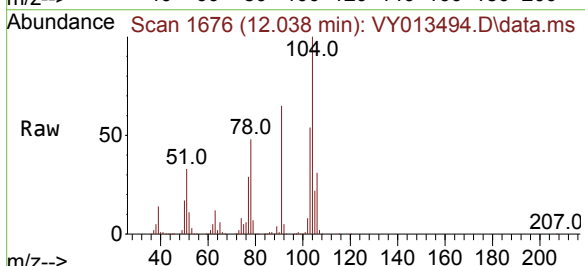
Tgt Ion:104 Resp: 205852

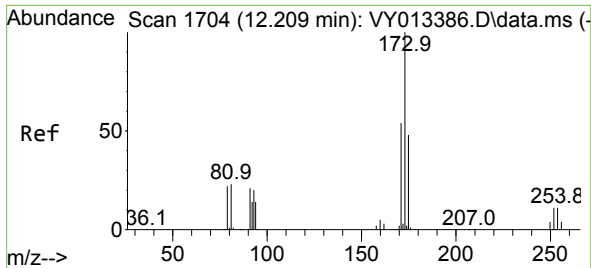
Ion Ratio Lower Upper

104 100

78 51.1 40.3 60.5

103 56.0 45.0 67.4

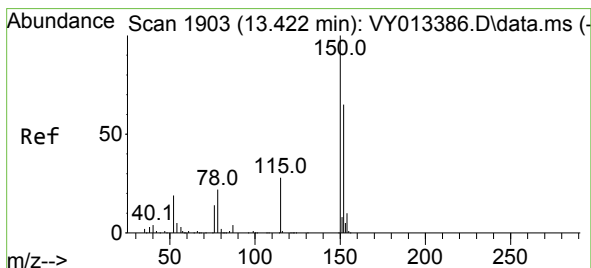
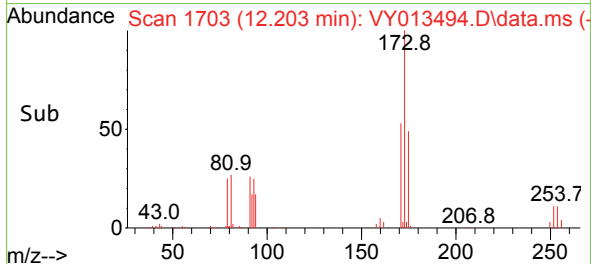
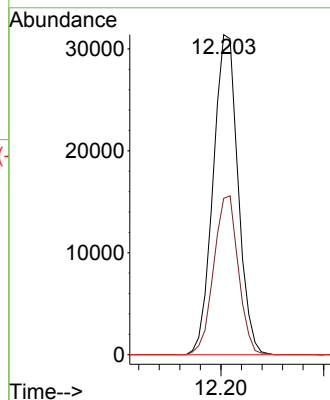
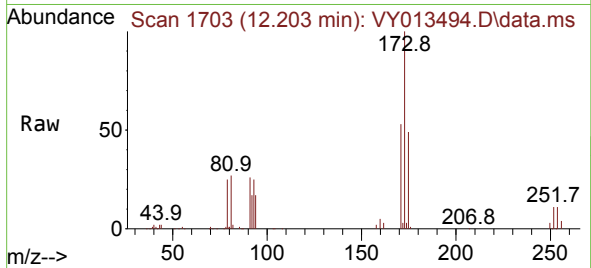




#71
Bromoform
Concen: 23.805 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VY013494.D
Acq: 27 Apr 2023 16:06

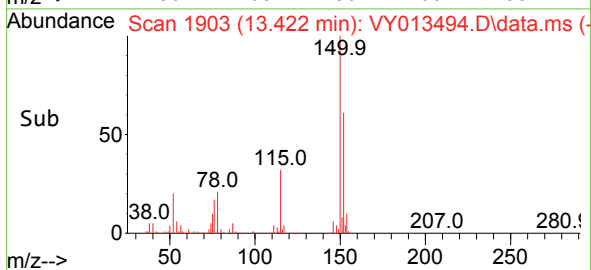
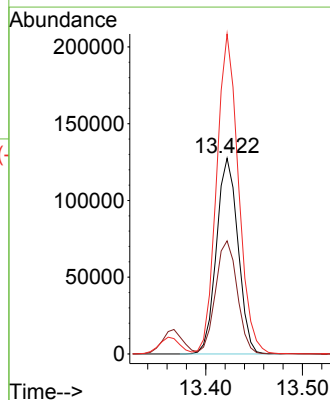
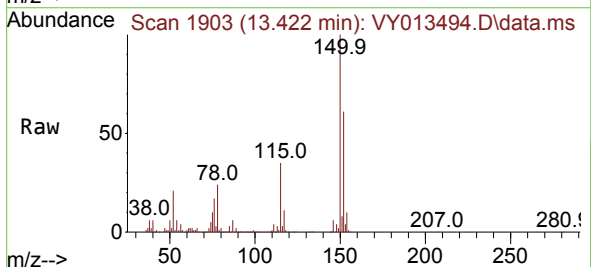
Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBS01

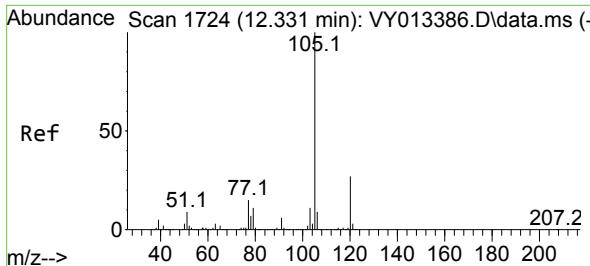
Tgt Ion:173 Resp: 52667
Ion Ratio Lower Upper
173 100
175 49.2 24.3 72.8
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013494.D
Acq: 27 Apr 2023 16:06

Tgt Ion:152 Resp: 196862
Ion Ratio Lower Upper
152 100
115 58.2 28.1 84.2
150 166.4 0.0 352.0

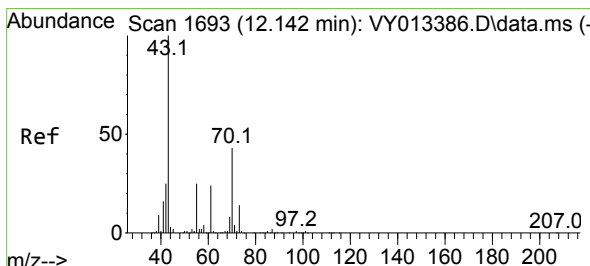
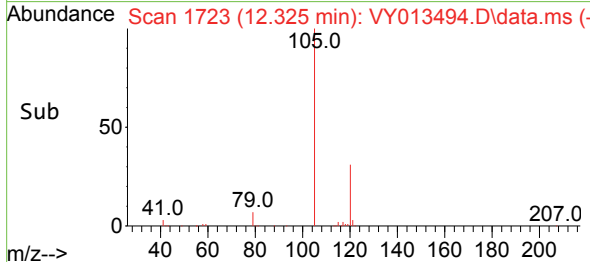
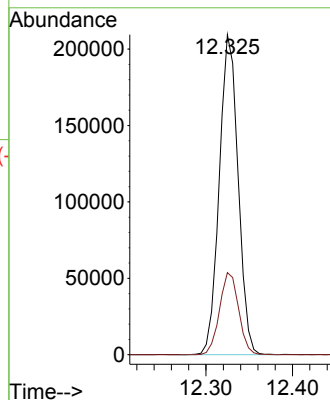
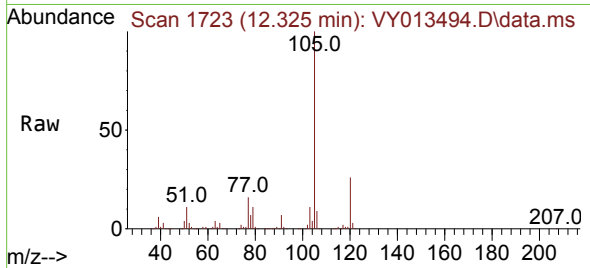




#73
Isopropylbenzene
Concen: 21.248 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VY013494.D
Acq: 27 Apr 2023 16:06

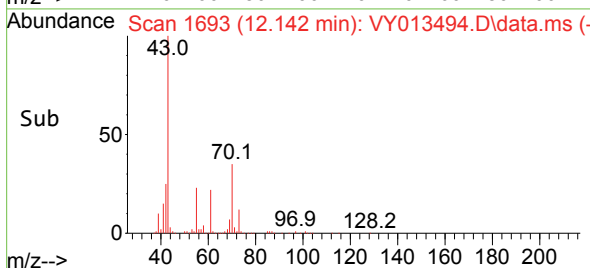
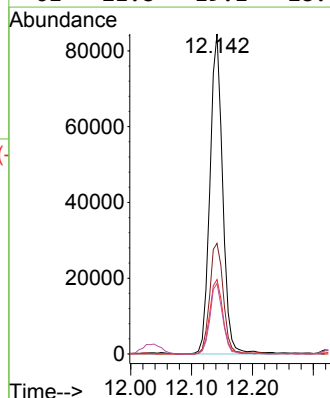
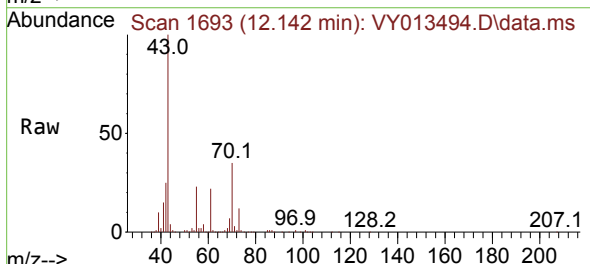
Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBS01

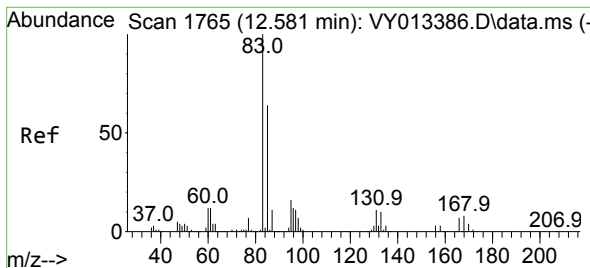
Tgt Ion:105 Resp: 316378
Ion Ratio Lower Upper
105 100
120 26.0 13.7 41.0



#74
N-ethyl acetate
Concen: 23.160 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013494.D
Acq: 27 Apr 2023 16:06

Tgt Ion: 43 Resp: 122720
Ion Ratio Lower Upper
43 100
70 37.1 33.0 49.4
55 24.2 19.8 29.6
61 21.8 19.1 28.7

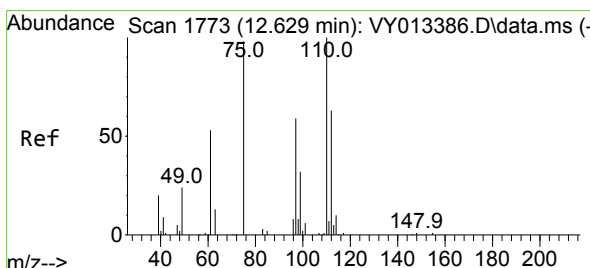
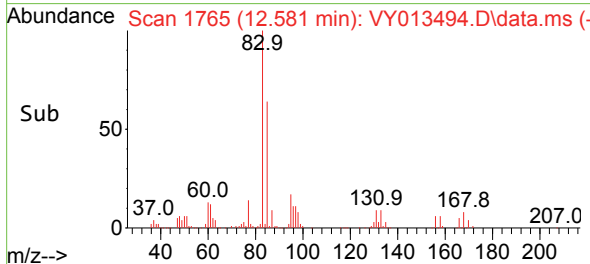
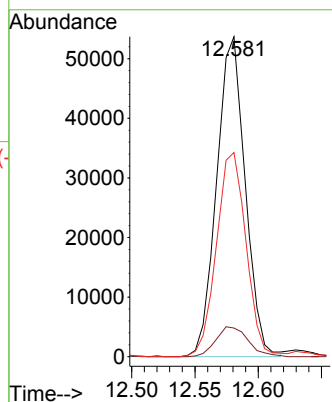
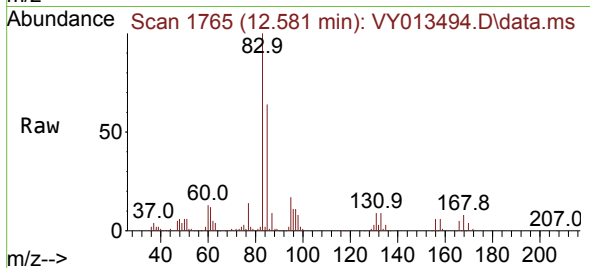




#75
 1,1,2,2-Tetrachloroethane
 Concen: 23.128 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY013494.D
 Acq: 27 Apr 2023 16:06

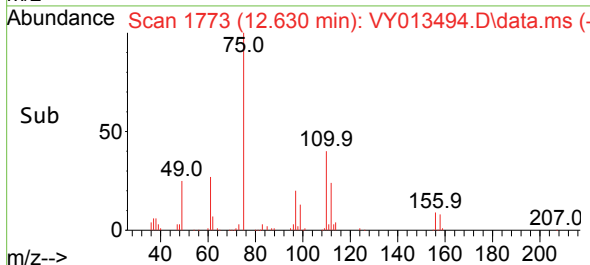
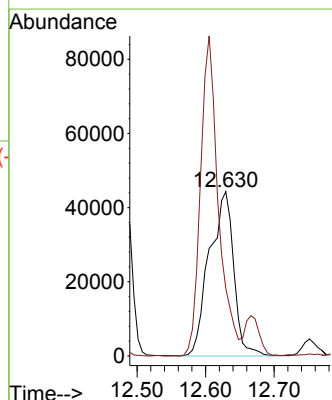
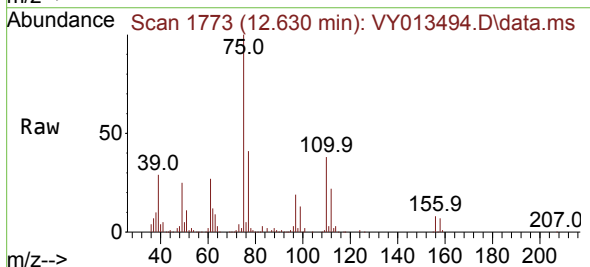
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0427SBS01

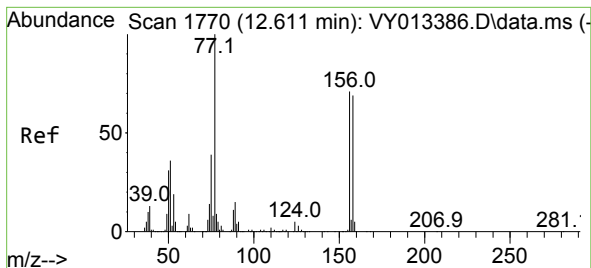
Tgt Ion: 83 Resp: 84175
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.7 17.0
 85 66.4 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 41.278 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. 0.001 min
 Lab File: VY013494.D
 Acq: 27 Apr 2023 16:06

Tgt Ion: 75 Resp: 109591
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 22.434 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY013494.D

Acq: 27 Apr 2023 16:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0427SBS01

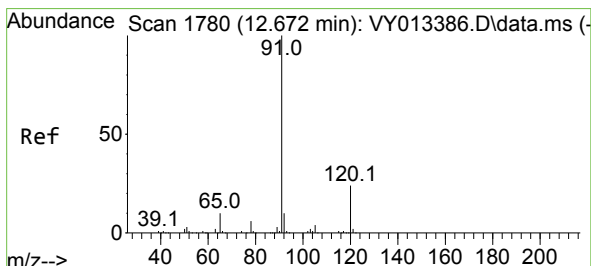
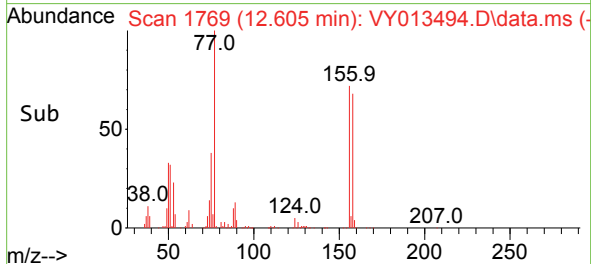
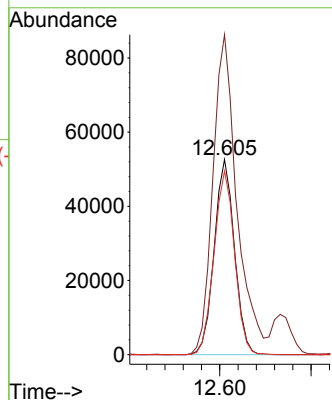
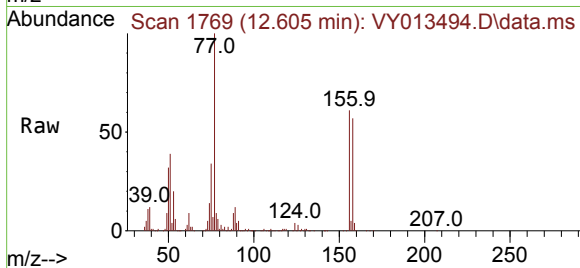
Tgt Ion:156 Resp: 80941

Ion Ratio Lower Upper

156 100

77 193.3 87.6 262.9

158 95.7 48.5 145.5



#78

n-propylbenzene

Concen: 21.774 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY013494.D

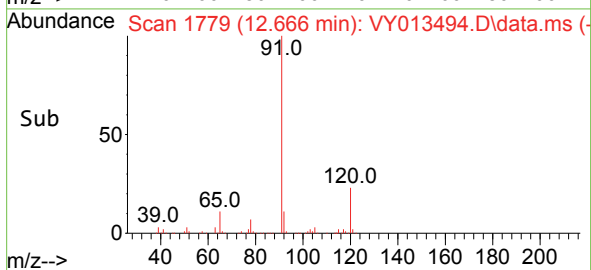
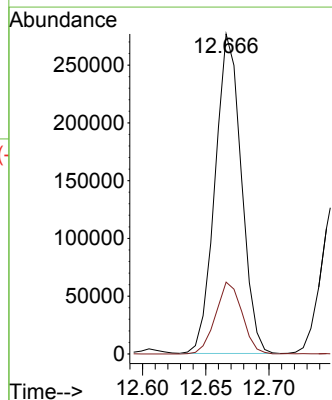
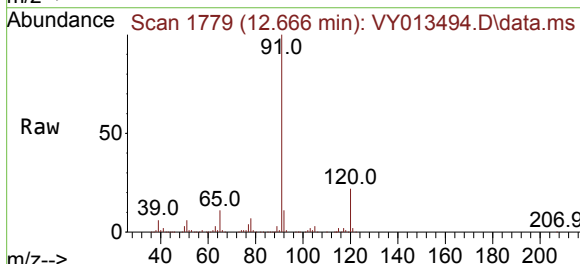
Acq: 27 Apr 2023 16:06

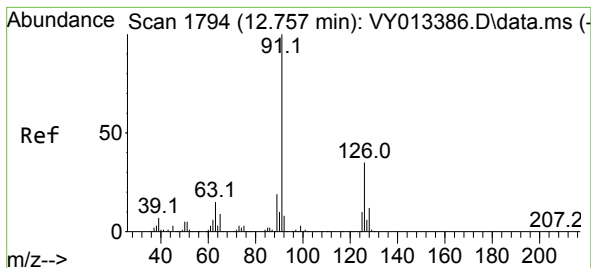
Tgt Ion: 91 Resp: 399344

Ion Ratio Lower Upper

91 100

120 22.7 11.9 35.9





#79

2-Chlorotoluene

Concen: 21.745 ug/l

RT: 12.751 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013494.D

Acq: 27 Apr 2023 16:06

Instrument :

MSVOA_Y

ClientSampleId :

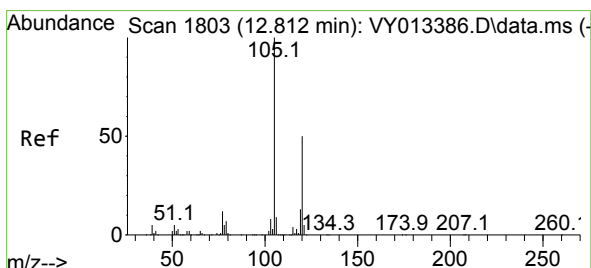
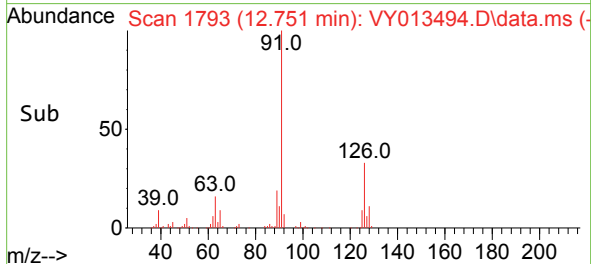
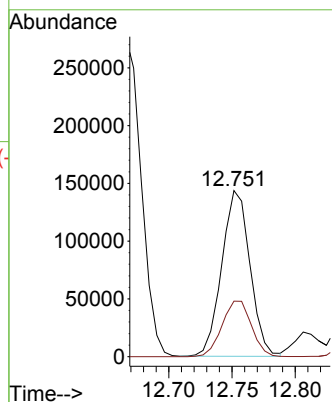
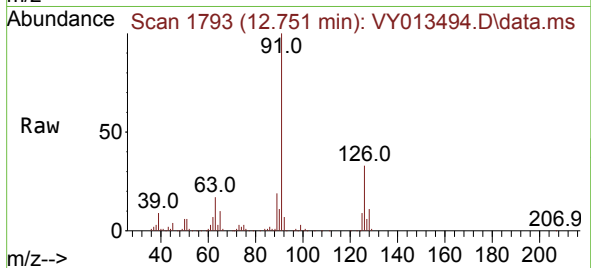
VY0427SBS01

Tgt Ion: 91 Resp: 222704

Ion Ratio Lower Upper

91 100

126 35.1 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 22.071 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY013494.D

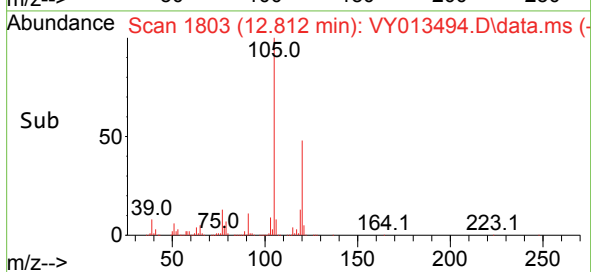
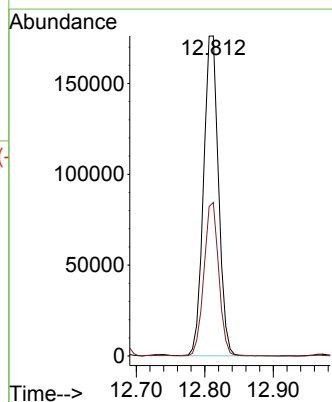
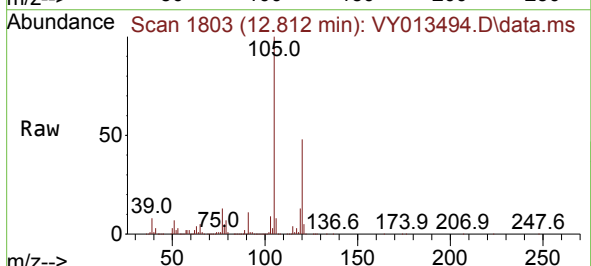
Acq: 27 Apr 2023 16:06

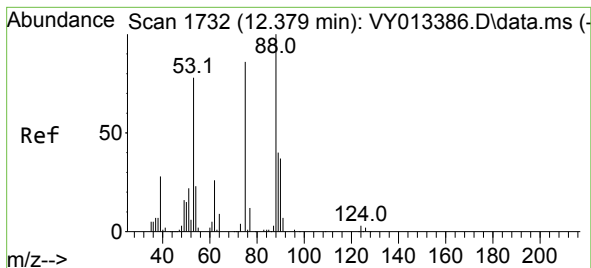
Tgt Ion:105 Resp: 268237

Ion Ratio Lower Upper

105 100

120 47.6 24.7 74.1

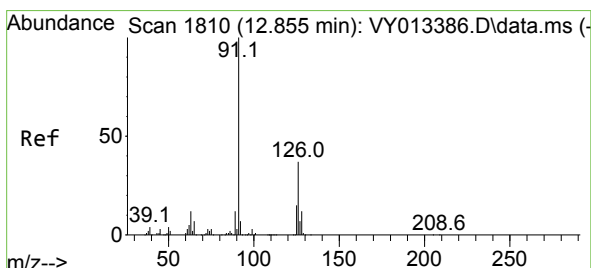
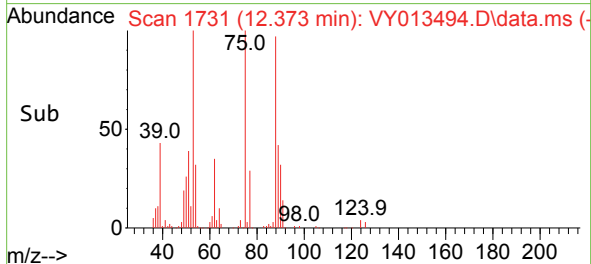
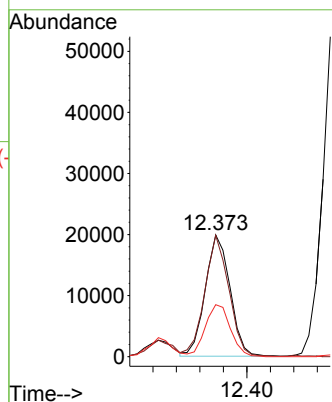
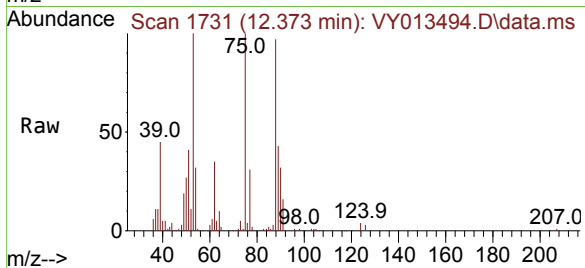




#81
trans-1,4-Dichloro-2-butene
Concen: 22.319 ug/l
RT: 12.373 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013494.D
Acq: 27 Apr 2023 16:06

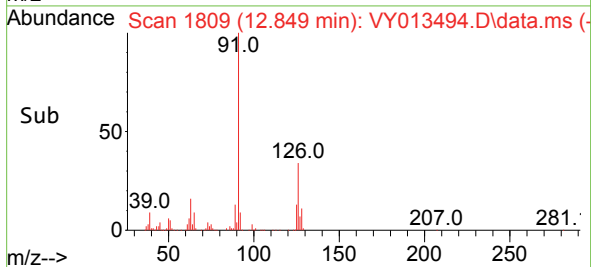
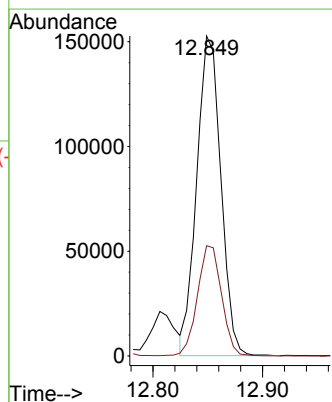
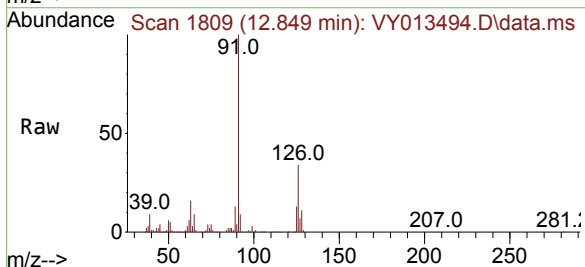
Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBS01

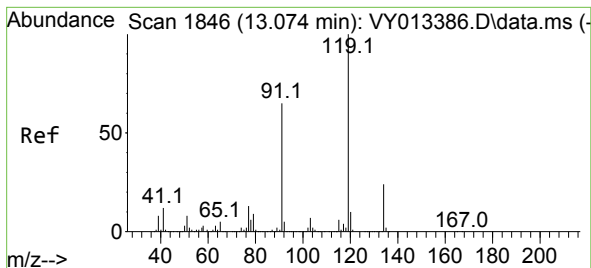
Tgt Ion: 75 Resp: 28968
Ion Ratio Lower Upper
75 100
53 97.4 73.2 109.8
89 43.5 38.0 57.0



#82
4-Chlorotoluene
Concen: 21.860 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY013494.D
Acq: 27 Apr 2023 16:06

Tgt Ion: 91 Resp: 233354
Ion Ratio Lower Upper
91 100
126 34.6 17.9 53.8





#83

tert-Butylbenzene

Concen: 20.834 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY013494.D

Acq: 27 Apr 2023 16:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0427SBS01

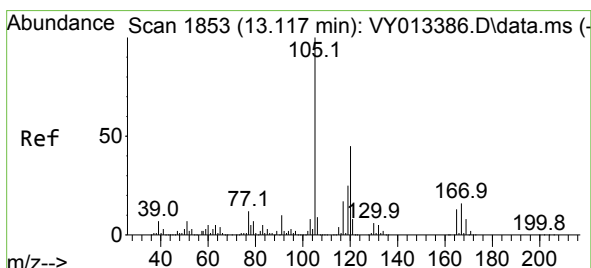
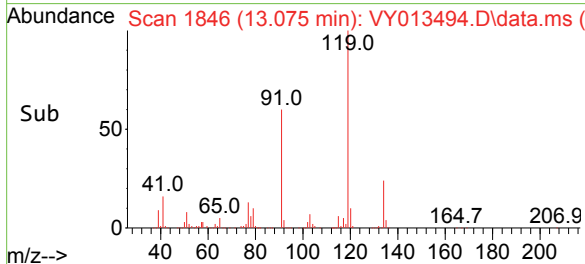
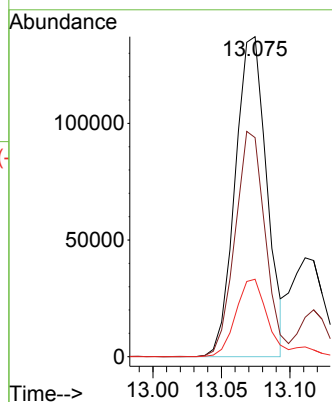
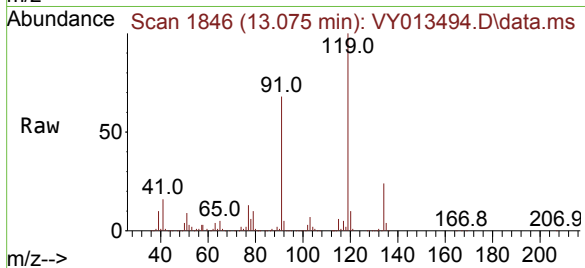
Tgt Ion:119 Resp: 219365

Ion Ratio Lower Upper

119 100

91 67.8 32.2 96.6

134 26.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 22.525 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY013494.D

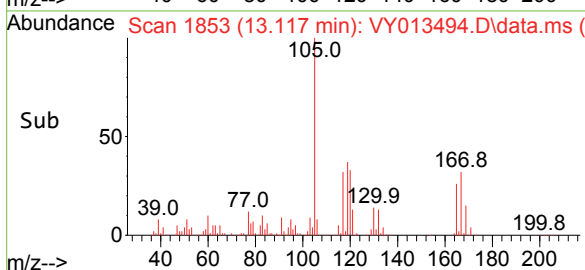
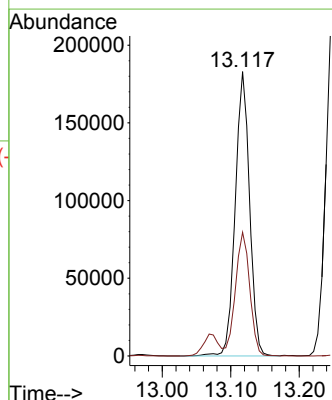
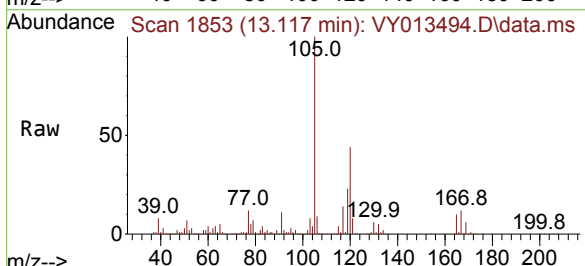
Acq: 27 Apr 2023 16:06

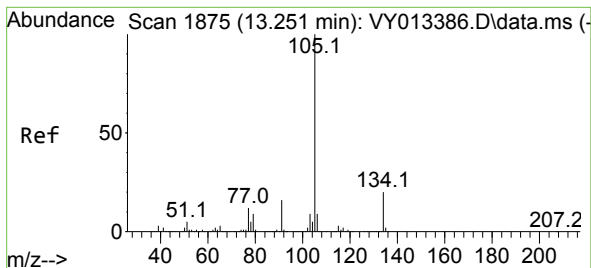
Tgt Ion:105 Resp: 266149

Ion Ratio Lower Upper

105 100

120 43.9 22.3 66.9





#85

sec-Butylbenzene

Concen: 21.714 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013494.D

Acq: 27 Apr 2023 16:06

Instrument :

MSVOA_Y

ClientSampleId :

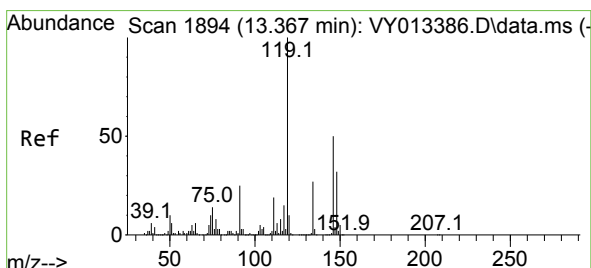
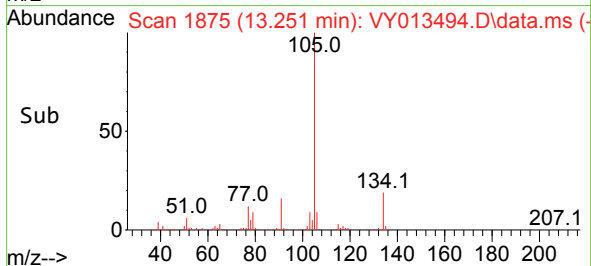
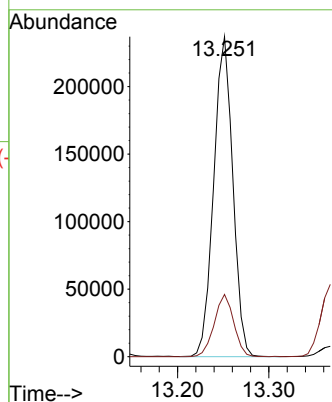
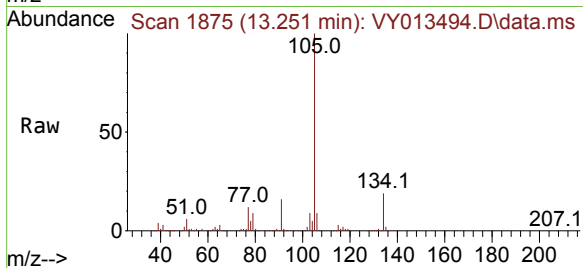
VY0427SBS01

Tgt Ion:105 Resp: 343134

Ion Ratio Lower Upper

105 100

134 19.8 10.3 30.9



#86

p-Isopropyltoluene

Concen: 22.120 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013494.D

Acq: 27 Apr 2023 16:06

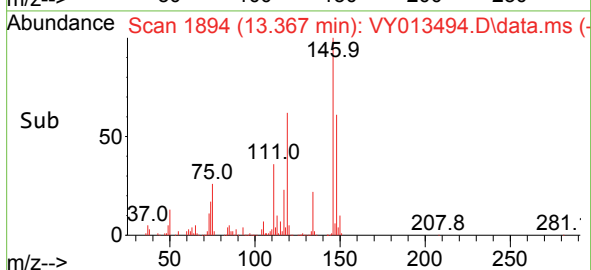
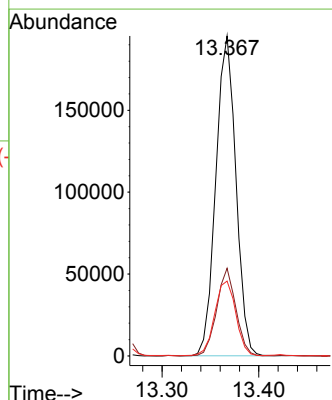
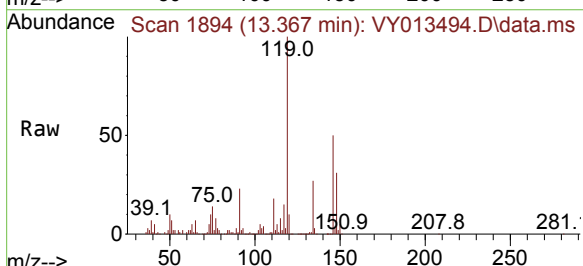
Tgt Ion:119 Resp: 281099

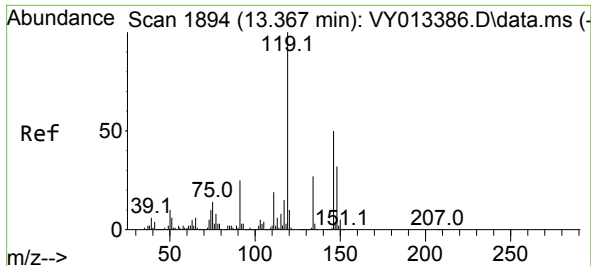
Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.2

91 24.5 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 22.799 ug/l

RT: 13.361 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013494.D

Acq: 27 Apr 2023 16:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0427SBS01

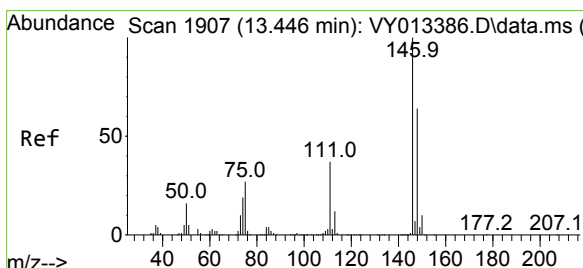
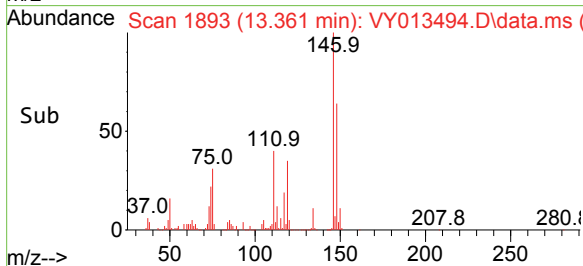
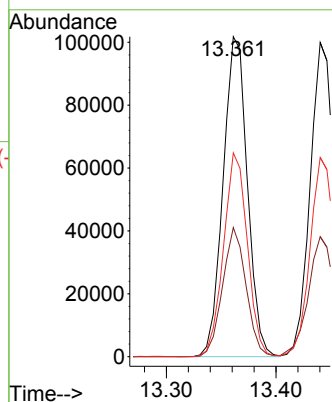
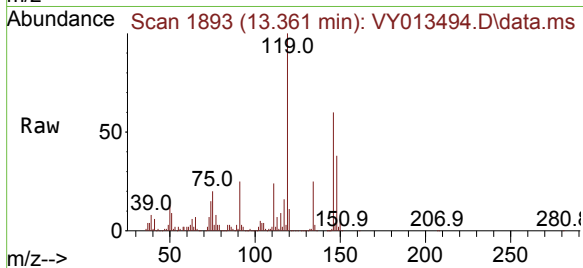
Tgt Ion:146 Resp: 156715

Ion Ratio Lower Upper

146 100

111 39.0 19.3 57.9

148 62.4 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 22.273 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY013494.D

Acq: 27 Apr 2023 16:06

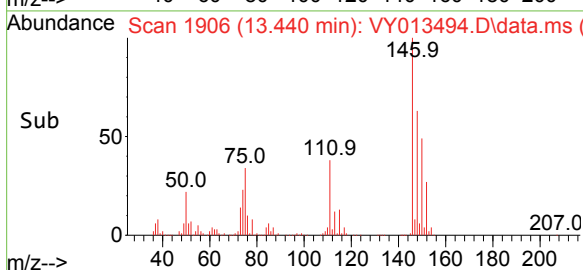
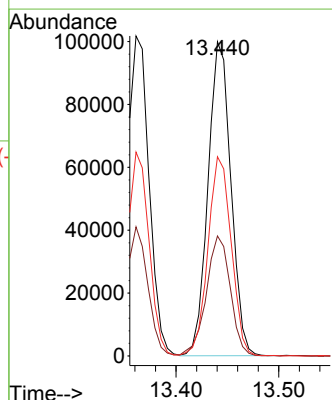
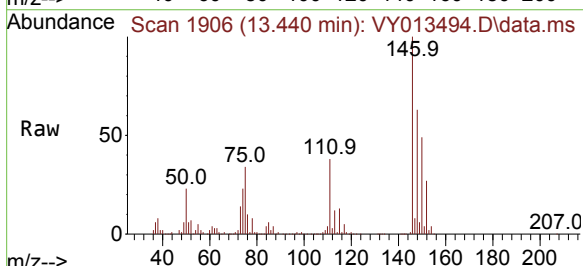
Tgt Ion:146 Resp: 154653

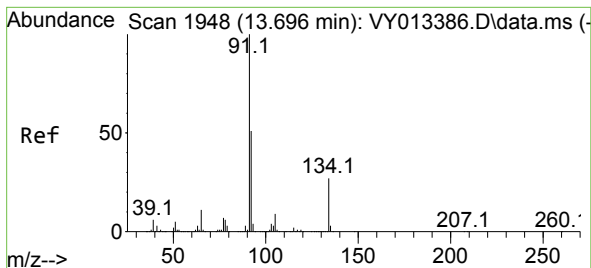
Ion Ratio Lower Upper

146 100

111 40.3 18.9 56.5

148 64.8 31.9 95.5





#89

n-Butylbenzene

Concen: 21.526 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013494.D

Acq: 27 Apr 2023 16:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0427SBS01

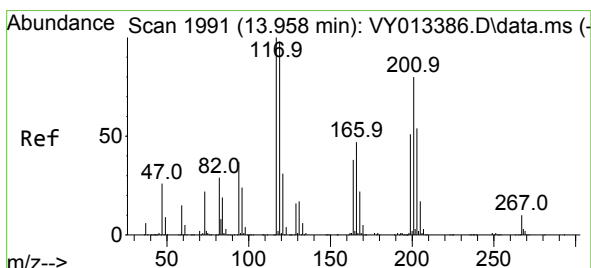
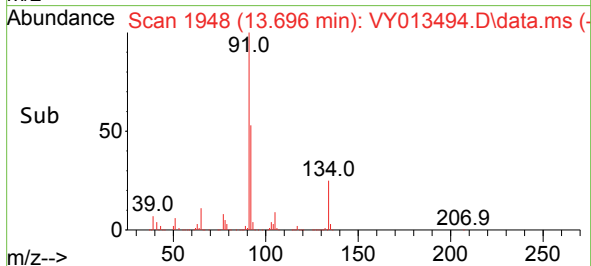
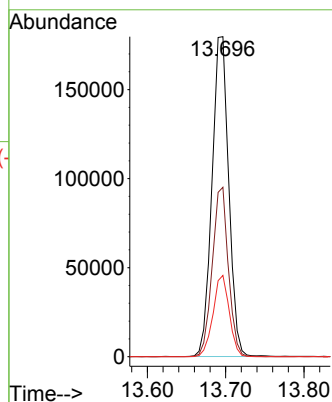
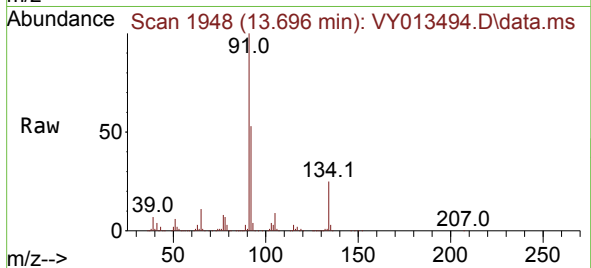
Tgt Ion: 91 Resp: 266981

Ion Ratio Lower Upper

91 100

92 50.9 25.8 77.3

134 24.6 13.5 40.4



#90

Hexachloroethane

Concen: 21.599 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.001 min

Lab File: VY013494.D

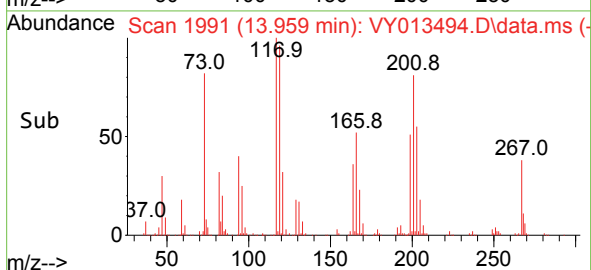
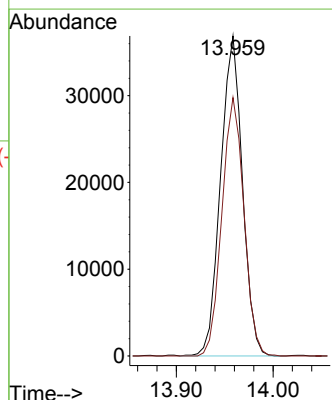
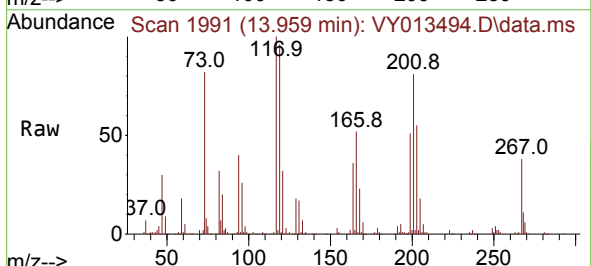
Acq: 27 Apr 2023 16:06

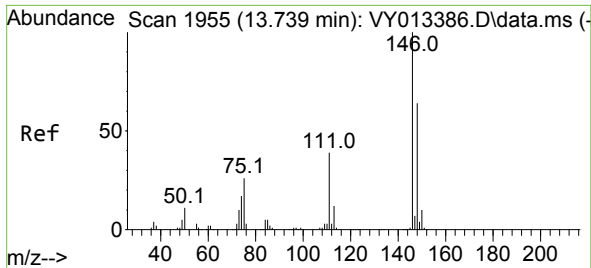
Tgt Ion: 117 Resp: 57766

Ion Ratio Lower Upper

117 100

201 81.2 41.6 124.8

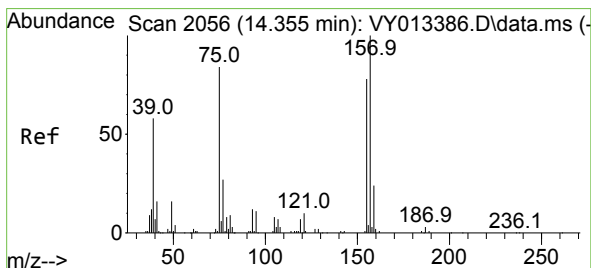
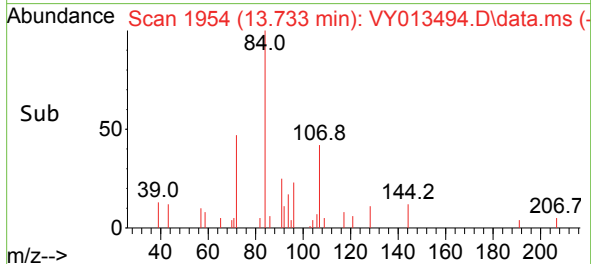
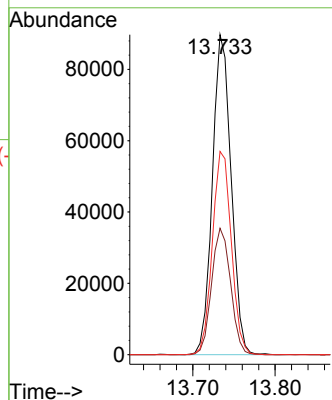
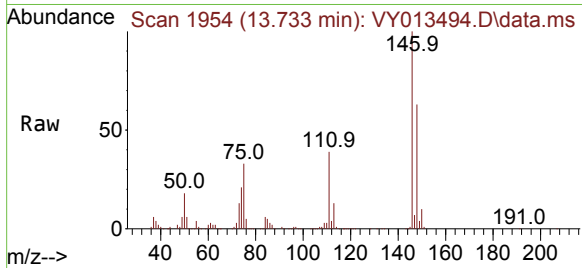




#91
 1,2-Dichlorobenzene
 Concen: 22.890 ug/l
 RT: 13.733 min Scan# 1954
 Delta R.T. -0.006 min
 Lab File: VY013494.D
 Acq: 27 Apr 2023 16:06

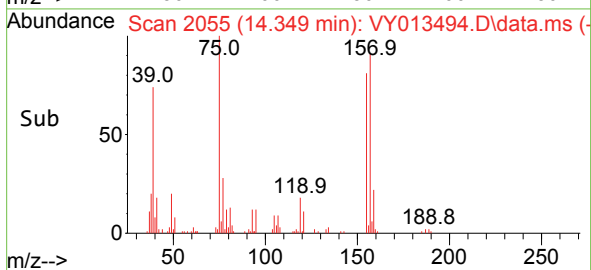
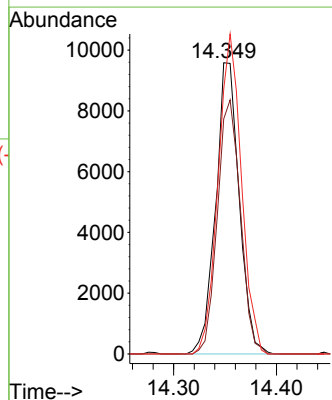
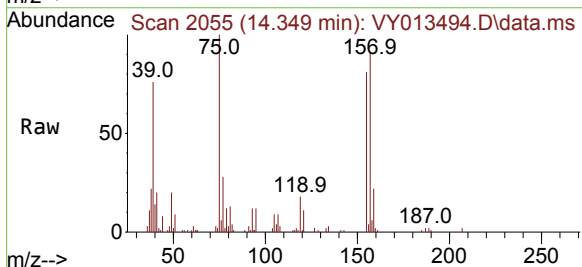
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0427SBS01

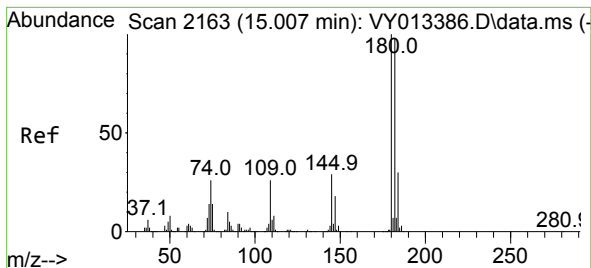
Tgt Ion:146 Resp: 142079
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.8 59.4
 148 64.2 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.685 ug/l
 RT: 14.349 min Scan# 2055
 Delta R.T. -0.006 min
 Lab File: VY013494.D
 Acq: 27 Apr 2023 16:06

Tgt Ion: 75 Resp: 15224
 Ion Ratio Lower Upper
 75 100
 155 85.3 44.6 134.0
 157 108.8 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 22.526 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY013494.D

Acq: 27 Apr 2023 16:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0427SBS01

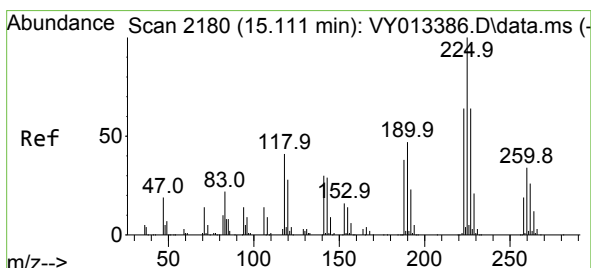
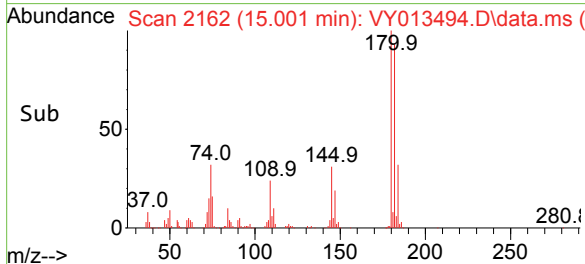
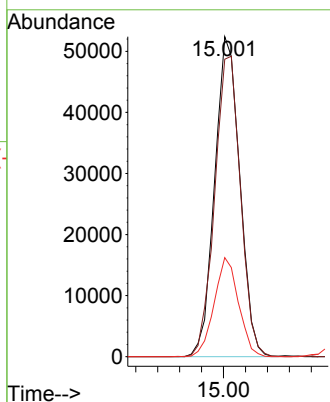
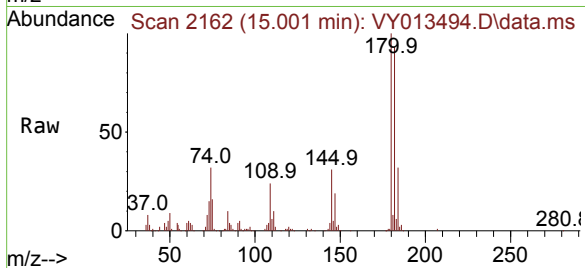
Tgt Ion:180 Resp: 83361

Ion Ratio Lower Upper

180 100

182 96.4 48.5 145.5

145 30.1 15.0 45.0



#94

Hexachlorobutadiene

Concen: 23.922 ug/l

RT: 15.105 min Scan# 2179

Delta R.T. -0.006 min

Lab File: VY013494.D

Acq: 27 Apr 2023 16:06

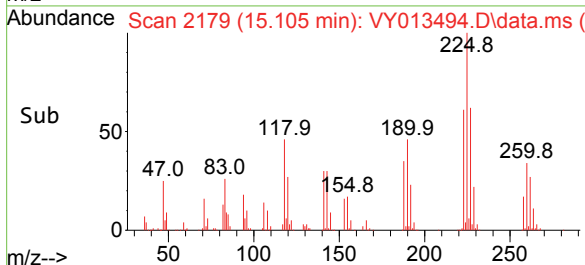
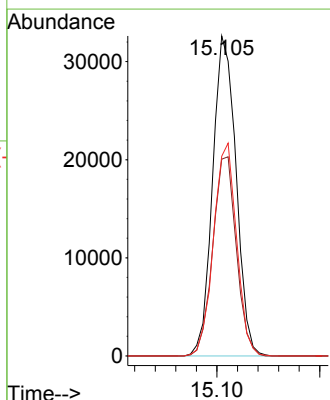
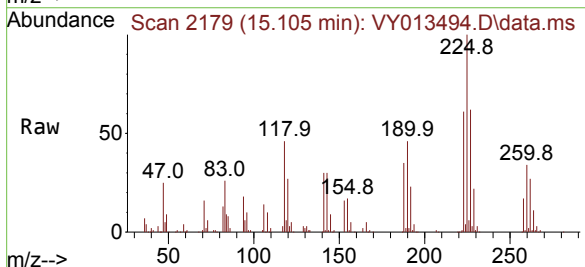
Tgt Ion:225 Resp: 51522

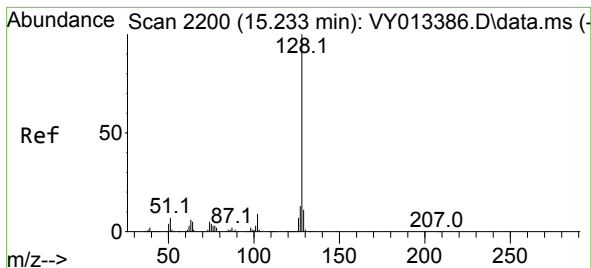
Ion Ratio Lower Upper

225 100

223 62.6 31.4 94.2

227 65.5 32.0 96.0





#95

Naphthalene

Concen: 23.065 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY013494.D

Acq: 27 Apr 2023 16:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0427SBS01

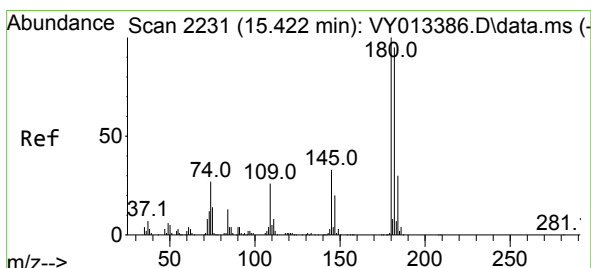
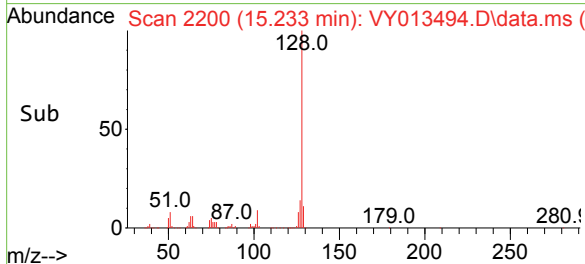
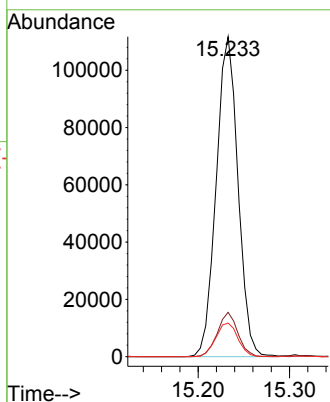
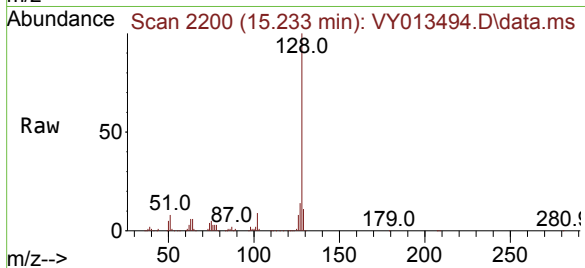
Tgt Ion:128 Resp: 185197

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

129 10.7 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 24.111 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013494.D

Acq: 27 Apr 2023 16:06

Tgt Ion:180 Resp: 79528

Ion Ratio Lower Upper

180 100

182 94.1 47.1 141.3

145 30.9 15.9 47.7

