

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041223\
 Data File : VY013268.D
 Acq On : 12 Apr 2023 15:40
 Operator : KP/MD
 Sample : VY0412SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0412SBS01

Quant Time: Apr 13 06:15:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	247935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	394301	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	350981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	179543	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	153675	51.576	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.160%	
35) Dibromofluoromethane	7.710	113	128663	50.403	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.800%	
50) Toluene-d8	10.173	98	483475	50.884	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.760%	
62) 4-Bromofluorobenzene	12.477	95	160663	52.042	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.080%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	42605	19.093	ug/l	99
3) Chloromethane	2.107	50	56455	20.194	ug/l	99
4) Vinyl Chloride	2.247	62	53868	20.324	ug/l	100
5) Bromomethane	2.644	94	41042	20.193	ug/l	91
6) Chloroethane	2.784	64	37477	20.966	ug/l	91
7) Trichlorofluoromethane	3.119	101	83322	20.198	ug/l	97
8) Diethyl Ether	3.521	74	31410	20.956	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.893	101	49271	20.324	ug/l	98
10) Methyl Iodide	4.082	142	60119	20.218	ug/l	97
11) Tert butyl alcohol	4.924	59	49467	112.411	ug/l #	74
12) 1,1-Dichloroethene	3.857	96	47474	20.349	ug/l	92
13) Acrolein	3.723	56	39627	108.262	ug/l	98
14) Allyl chloride	4.466	41	91104	20.442	ug/l	94
15) Acrylonitrile	5.155	53	93571	108.642	ug/l	99
16) Acetone	3.948	43	101874	99.440	ug/l	97
17) Carbon Disulfide	4.186	76	154679	20.138	ug/l	99
18) Methyl Acetate	4.472	43	71656	21.626	ug/l	98
19) Methyl tert-butyl Ether	5.210	73	147567	21.115	ug/l	100
20) Methylene Chloride	4.710	84	63080	20.818	ug/l	98
21) trans-1,2-Dichloroethene	5.210	96	54441	20.442	ug/l	97
22) Diisopropyl ether	6.106	45	190634	21.704	ug/l #	89
23) Vinyl Acetate	6.051	43	598830	107.851	ug/l	98
24) 1,1-Dichloroethane	6.009	63	100707	20.526	ug/l	99
25) 2-Butanone	6.984	43	141509	107.879	ug/l #	89
26) 2,2-Dichloropropane	6.972	77	88219	20.042	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	58135	20.075	ug/l	93
28) Bromochloromethane	7.332	49	42477	21.723	ug/l	91
29) Tetrahydrofuran	7.344	42	90366	113.427	ug/l	96
30) Chloroform	7.496	83	101867	20.517	ug/l	95
31) Cyclohexane	7.777	56	90053	19.988	ug/l	93
32) 1,1,1-Trichloroethane	7.697	97	89686	19.968	ug/l	97
36) 1,1-Dichloropropene	7.911	75	76900	19.885	ug/l	99
37) Ethyl Acetate	7.070	43	69663	22.348	ug/l #	95
38) Carbon Tetrachloride	7.893	117	81172	18.983	ug/l	96
39) Methylcyclohexane	9.179	83	88276	19.636	ug/l	94
40) Benzene	8.155	78	223873	20.002	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	27855	21.539	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	75679	19.943	ug/l	97
43) Isopropyl Acetate	8.264	43	106882	20.643	ug/l	98
44) Trichloroethene	8.935	130	57185	19.833	ug/l	87
45) 1,2-Dichloropropane	9.209	63	58399	20.103	ug/l	96
46) Dibromomethane	9.301	93	35528	20.320	ug/l	99
47) Bromodichloromethane	9.490	83	80909	20.243	ug/l #	97
48) Methyl methacrylate	9.289	41	49531	20.826	ug/l	95
49) 1,4-Dioxane	9.307	88	8277	349.409	ug/l #	60
51) 4-Methyl-2-Pentanone	10.069	43	306508	108.774	ug/l	97
52) Toluene	10.240	92	137437	20.335	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	85081	20.326	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	91664	19.972	ug/l	91
55) 1,1,2-Trichloroethane	10.642	97	46554	20.194	ug/l	99
56) Ethyl methacrylate	10.508	69	66310	21.008	ug/l	92
57) 1,3-Dichloropropane	10.782	76	78674	20.065	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	146033	110.800	ug/l	97
59) 2-Hexanone	10.831	43	227850	111.206	ug/l	94
60) Dibromochloromethane	10.983	129	58561	20.259	ug/l	99
61) 1,2-Dibromoethane	11.087	107	47862	21.321	ug/l	98
64) Tetrachloroethene	10.715	164	49918	20.160	ug/l	98
65) Chlorobenzene	11.514	112	146901	20.008	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	55956	20.308	ug/l	100
67) Ethyl Benzene	11.587	91	259136	20.265	ug/l	99
68) m/p-Xylenes	11.697	106	201548	41.194	ug/l	98
69) o-Xylene	12.026	106	95346	21.041	ug/l	96
70) Styrene	12.038	104	159111	20.790	ug/l	97
71) Bromoform	12.203	173	39576	20.733	ug/l	99
73) Isopropylbenzene	12.325	105	244912	19.887	ug/l	100
74) N-amyl acetate	12.142	43	91711	20.873	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	63194	20.771	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	81373	36.372	ug/l #	100
77) Bromobenzene	12.605	156	60400	19.612	ug/l	97
78) n-propylbenzene	12.666	91	308707	20.296	ug/l	99
79) 2-Chlorotoluene	12.751	91	173320	20.244	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	208538	20.216	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	21816	20.239	ug/l	92
82) 4-Chlorotoluene	12.855	91	180022	19.945	ug/l	100
83) tert-Butylbenzene	13.075	119	179744	20.307	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	204387	20.358	ug/l	98
85) sec-Butylbenzene	13.251	105	265584	20.064	ug/l	99
86) p-Isopropyltoluene	13.367	119	220036	20.258	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	119448	20.121	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	119804	19.970	ug/l	97
89) n-Butylbenzene	13.696	91	210392	20.252	ug/l	98
90) Hexachloroethane	13.959	117	44825	19.792	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	107730	19.942	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11804	21.365	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	66452	20.697	ug/l	99
94) Hexachlorobutadiene	15.111	225	38877	20.449	ug/l	97
95) Naphthalene	15.233	128	142111	20.098	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	59912	20.482	ug/l	99

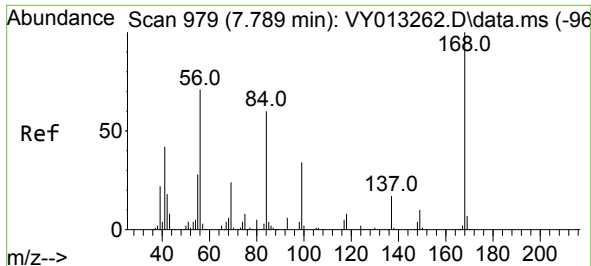
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041223\
Data File : VY013268.D
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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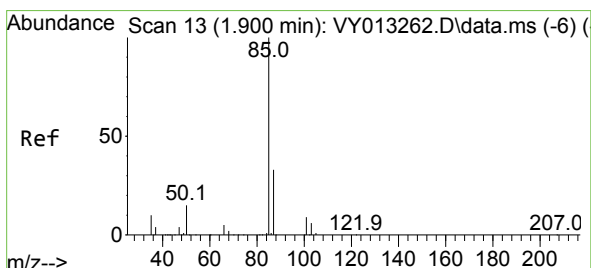
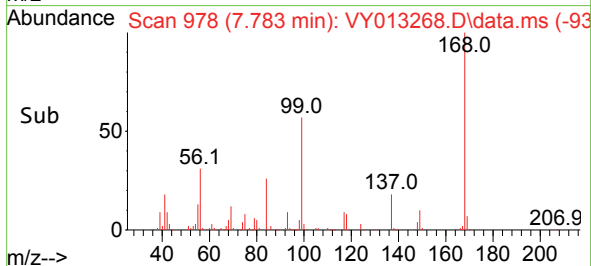
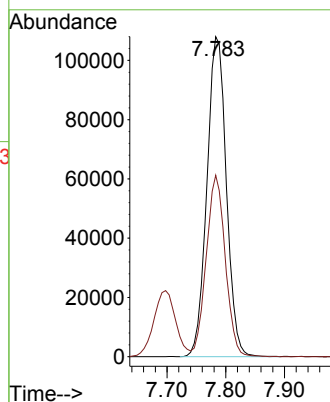
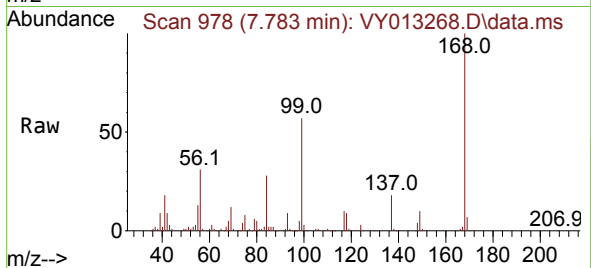
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013268.D
Acq: 12 Apr 2023 15:40

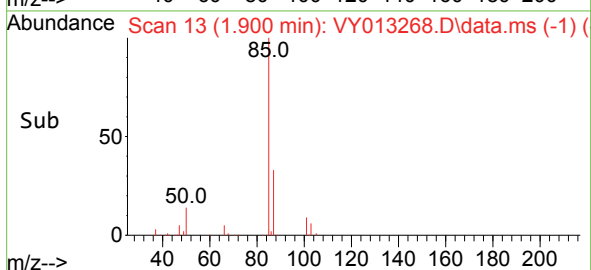
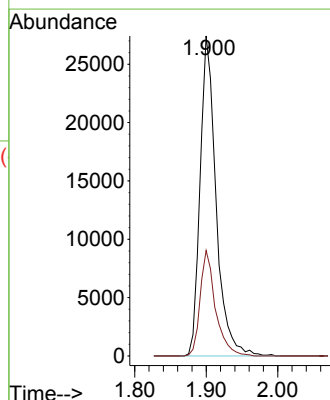
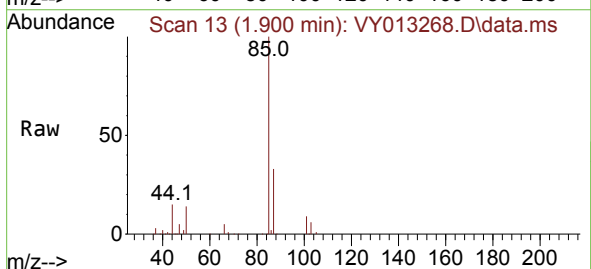
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

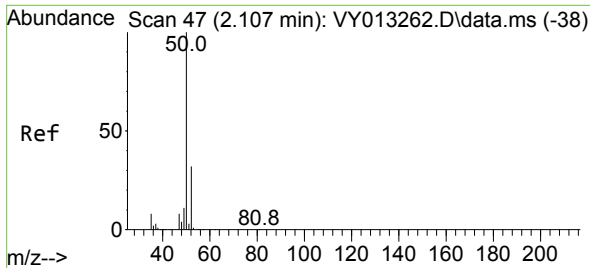
Tgt Ion:168 Resp: 247935
Ion Ratio Lower Upper
168 100
99 56.7 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 19.093 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY013268.D
Acq: 12 Apr 2023 15:40

Tgt Ion: 85 Resp: 42605
Ion Ratio Lower Upper
85 100
87 33.0 16.7 50.0

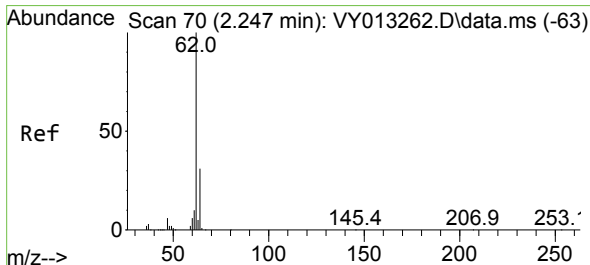
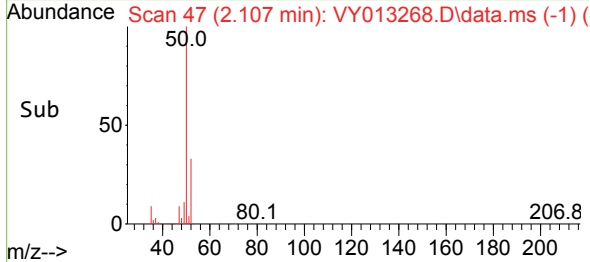
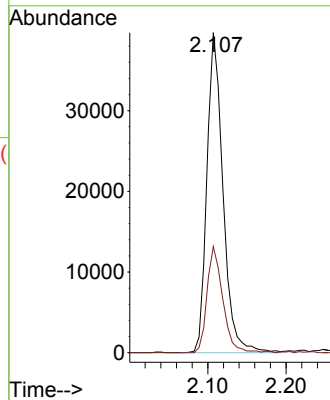
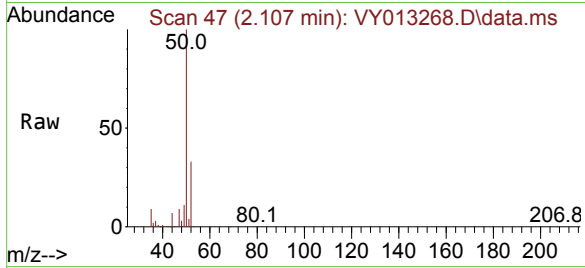




#3
Chloromethane
Concen: 20.194 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY013268.D
Acq: 12 Apr 2023 15:40

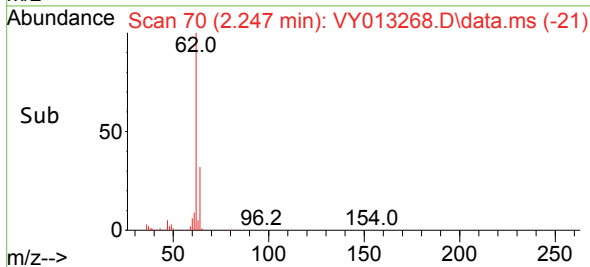
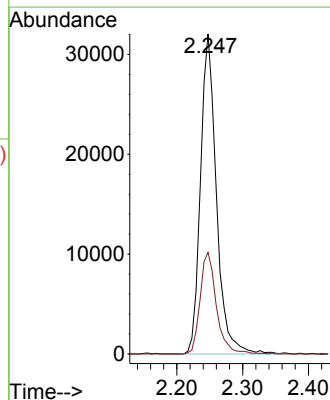
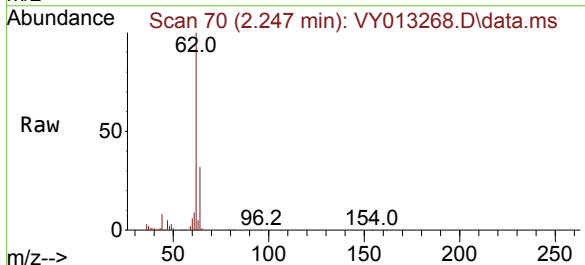
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

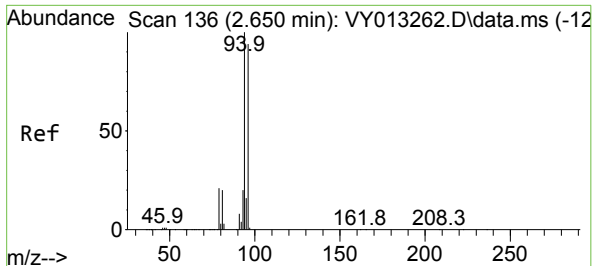
Tgt Ion: 50 Resp: 56455
Ion Ratio Lower Upper
50 100
52 33.2 26.0 39.0



#4
Vinyl Chloride
Concen: 20.324 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.000 min
Lab File: VY013268.D
Acq: 12 Apr 2023 15:40

Tgt Ion: 62 Resp: 53868
Ion Ratio Lower Upper
62 100
64 31.8 25.6 38.4





#5

Bromomethane

Concen: 20.193 ug/l

RT: 2.644 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013268.D

Acq: 12 Apr 2023 15:40

Instrument :

MSVOA_Y

ClientSampleId :

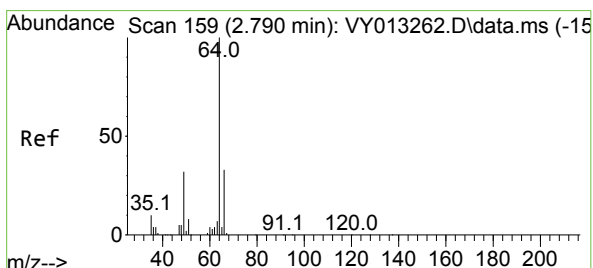
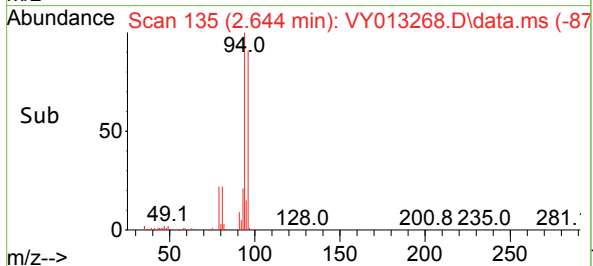
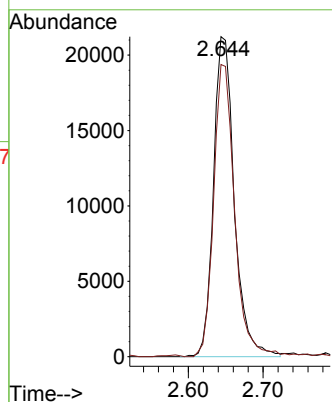
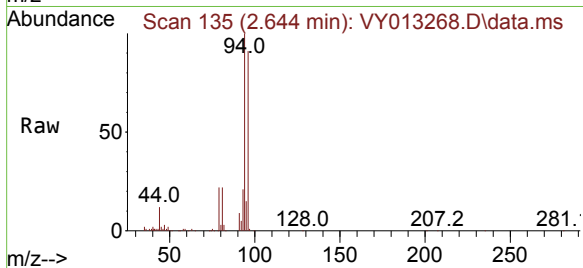
VY0412SBS01

Tgt Ion: 94 Resp: 41042

Ion Ratio Lower Upper

94 100

96 91.0 80.3 120.5



#6

Chloroethane

Concen: 20.966 ug/l

RT: 2.784 min Scan# 158

Delta R.T. -0.006 min

Lab File: VY013268.D

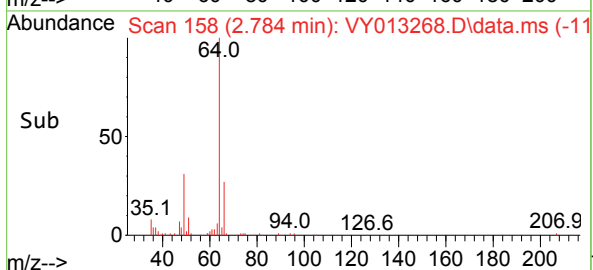
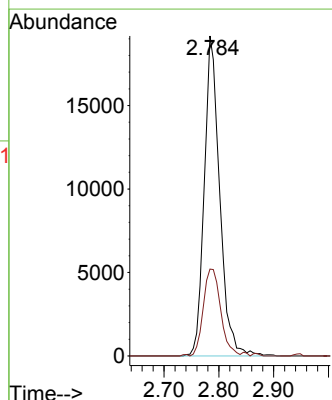
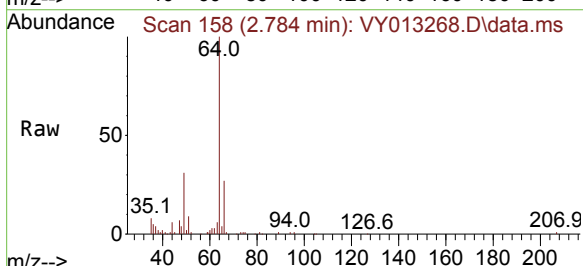
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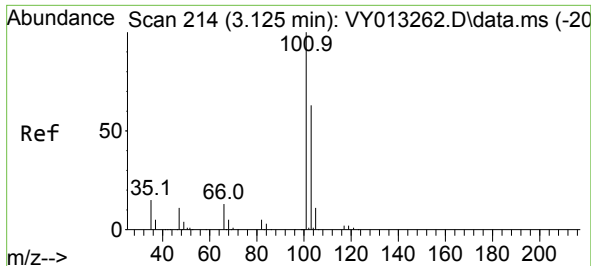
Tgt Ion: 64 Resp: 37477

Ion Ratio Lower Upper

64 100

66 27.1 25.7 38.5

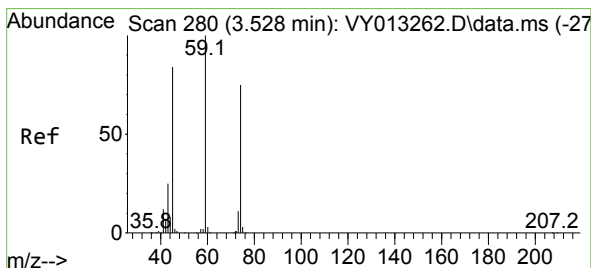
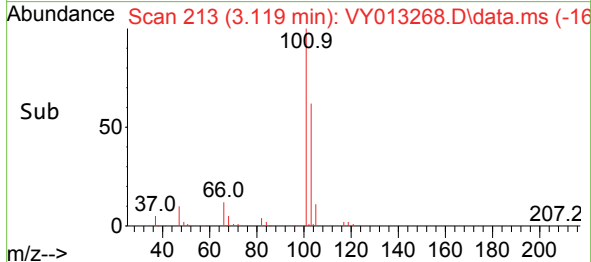
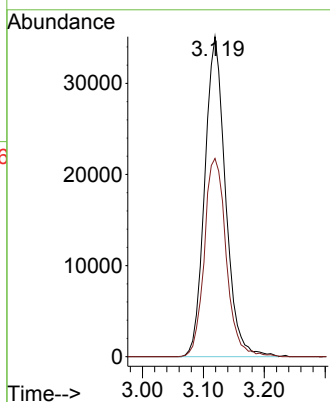
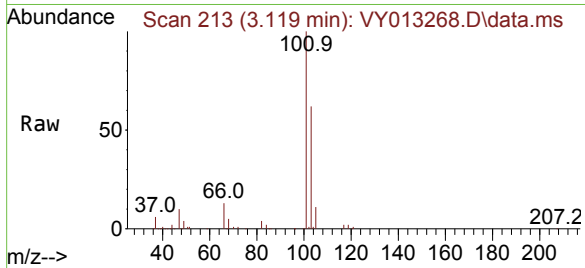




#7
Trichlorofluoromethane
Concen: 20.198 ug/l
RT: 3.119 min Scan# 214
Delta R.T. -0.006 min
Lab File: VY013268.D
Acq: 12 Apr 2023 15:40

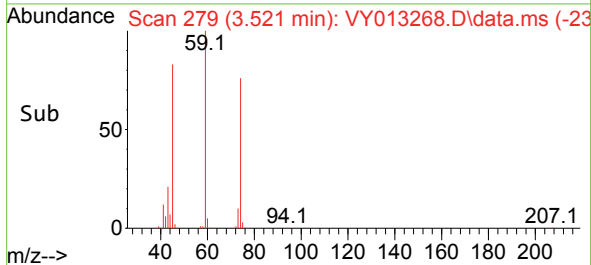
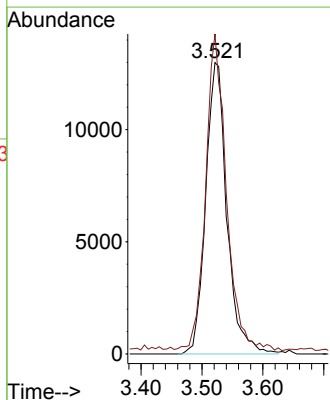
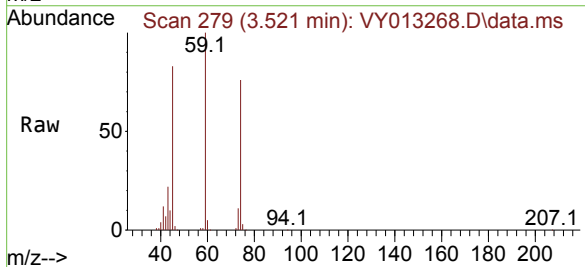
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

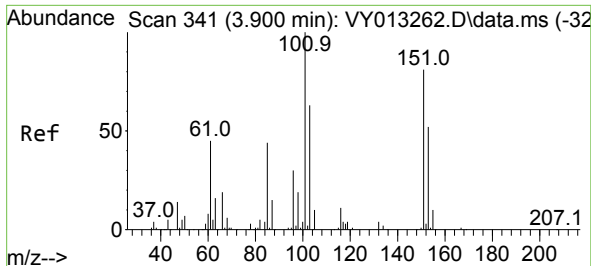
Tgt Ion:101 Resp: 83322
Ion Ratio Lower Upper
101 100
103 61.9 51.5 77.3



#8
Diethyl Ether
Concen: 20.956 ug/l
RT: 3.521 min Scan# 279
Delta R.T. -0.006 min
Lab File: VY013268.D
Acq: 12 Apr 2023 15:40

Tgt Ion: 74 Resp: 31410
Ion Ratio Lower Upper
74 100
45 107.8 52.1 156.4

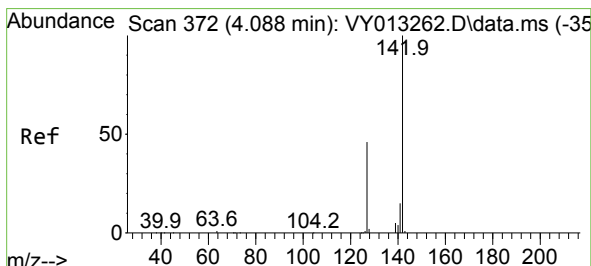
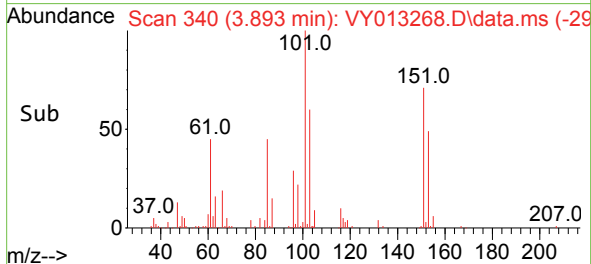
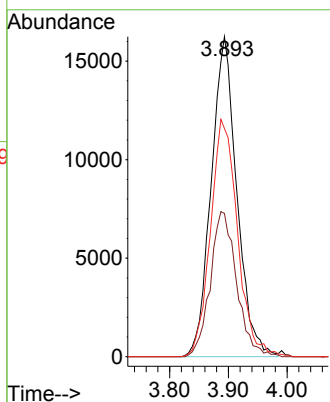
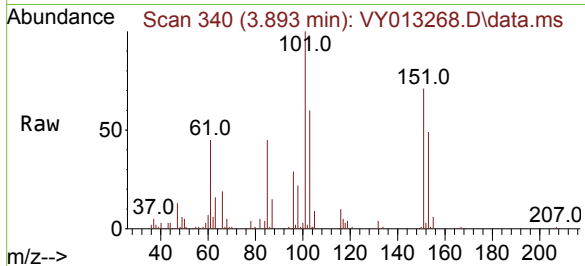




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.324 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY013268.D
Acq: 12 Apr 2023 15:40

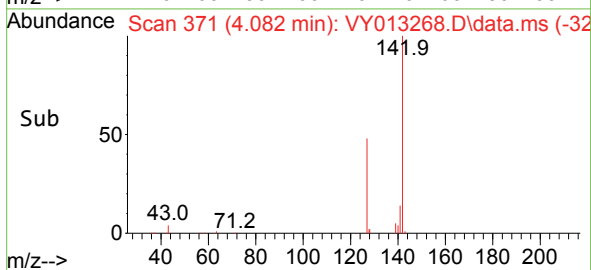
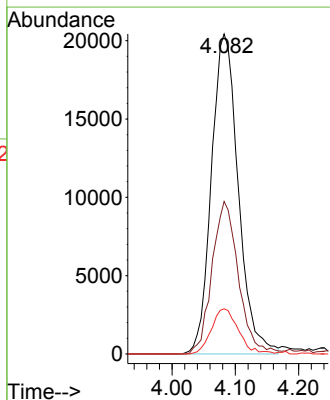
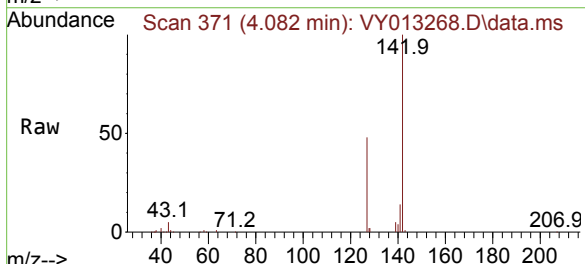
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

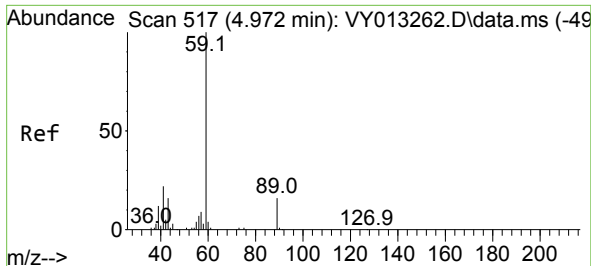
Tgt Ion:101 Resp: 49271
Ion Ratio Lower Upper
101 100
85 46.6 35.3 52.9
151 78.3 63.1 94.7



#10
Methyl Iodide
Concen: 20.218 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY013268.D
Acq: 12 Apr 2023 15:40

Tgt Ion:142 Resp: 60119
Ion Ratio Lower Upper
142 100
127 46.9 35.4 53.2
141 14.2 11.3 16.9

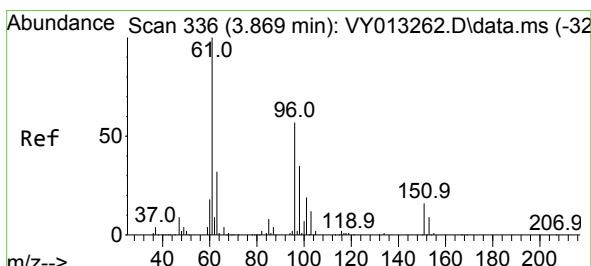
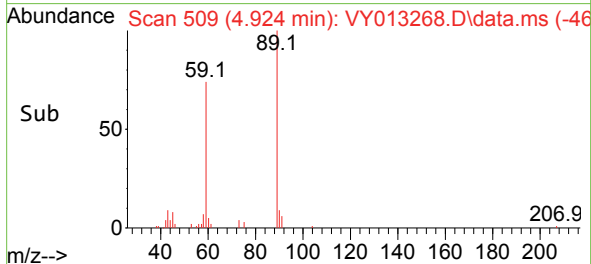
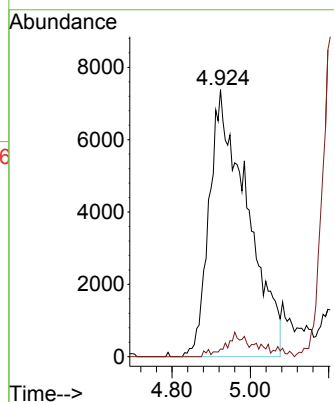
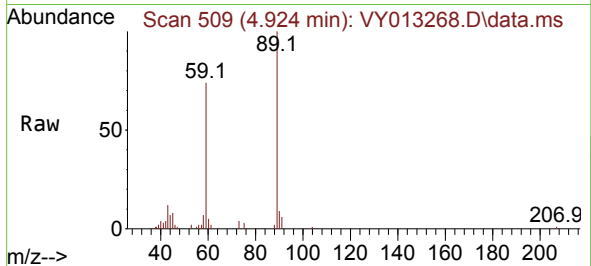




#11
Tert butyl alcohol
Concen: 112.411 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.048 min
Lab File: VY013268.D
Acq: 12 Apr 2023 15:40

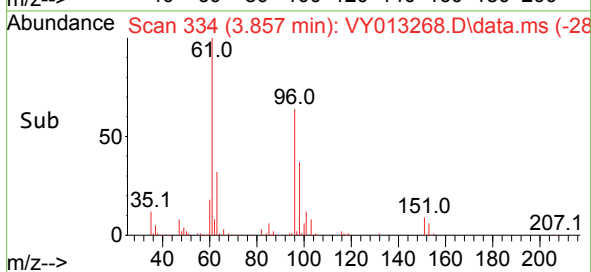
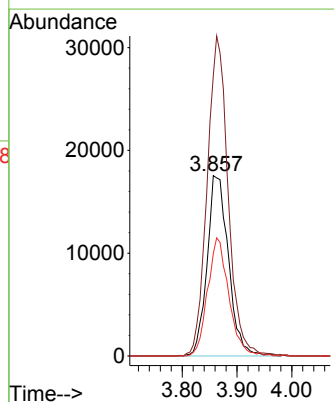
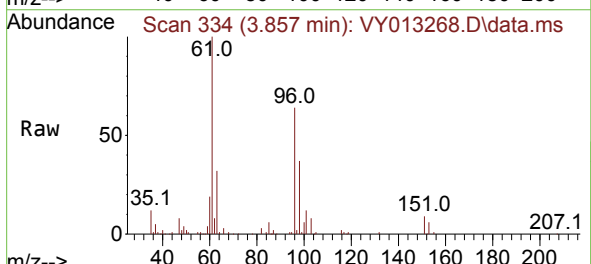
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

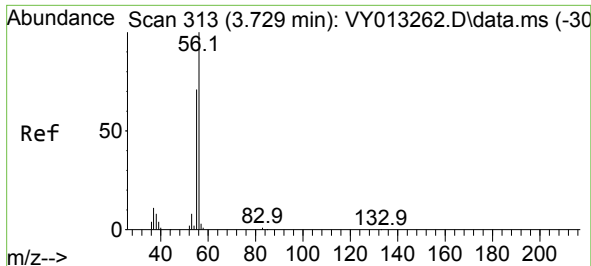
Tgt Ion: 59 Resp: 49467
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 20.349 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.012 min
Lab File: VY013268.D
Acq: 12 Apr 2023 15:40

Tgt Ion: 96 Resp: 47474
Ion Ratio Lower Upper
96 100
61 155.2 131.7 197.5
98 56.9 52.0 78.0





#13

Acrolein

Concen: 108.262 ug/l

RT: 3.723 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY013268.D

Acq: 12 Apr 2023 15:40

Instrument :

MSVOA_Y

ClientSampleId :

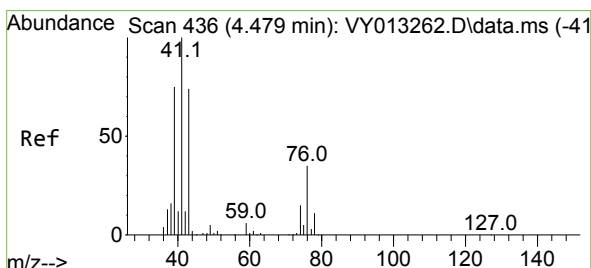
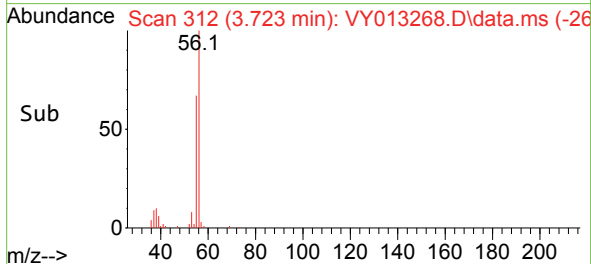
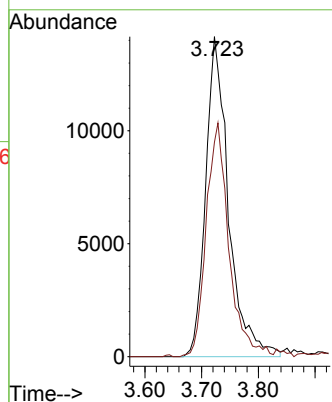
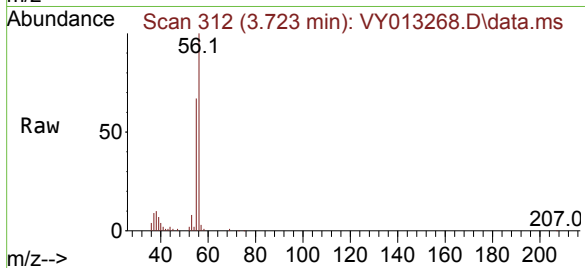
VY0412SBS01

Tgt Ion: 56 Resp: 39627

Ion Ratio Lower Upper

56 100

55 72.6 56.8 85.2



#14

Allyl chloride

Concen: 20.442 ug/l

RT: 4.466 min Scan# 434

Delta R.T. -0.012 min

Lab File: VY013268.D

Acq: 12 Apr 2023 15:40

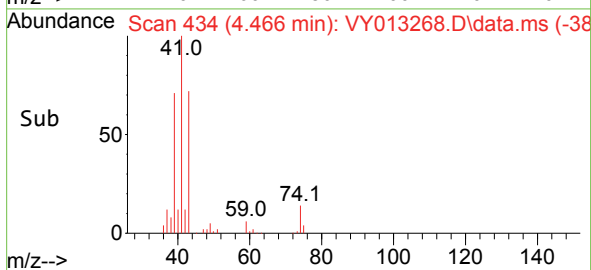
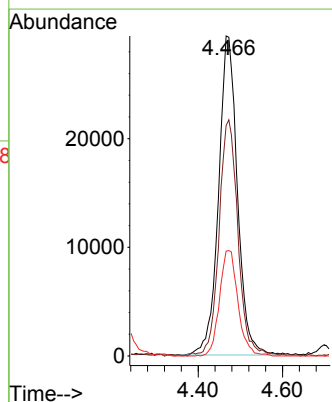
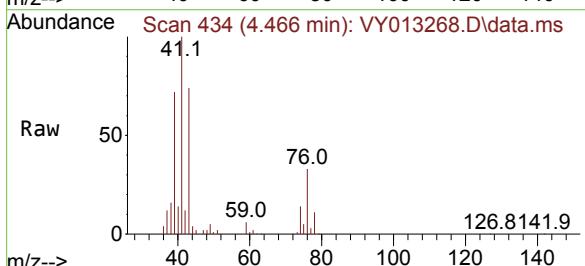
Tgt Ion: 41 Resp: 91104

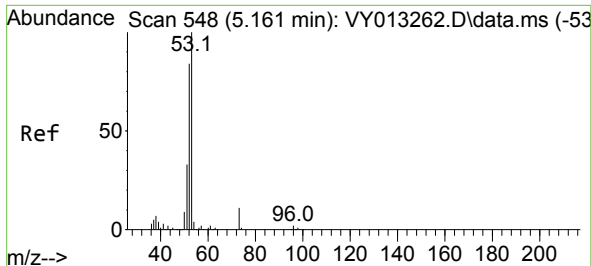
Ion Ratio Lower Upper

41 100

39 72.5 53.6 80.4

76 32.3 27.2 40.8





#15

Acrylonitrile

Concen: 108.642 ug/l

RT: 5.155 min Scan# 54

Delta R.T. -0.006 min

Lab File: VY013268.D

Acq: 12 Apr 2023 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0412SBS01

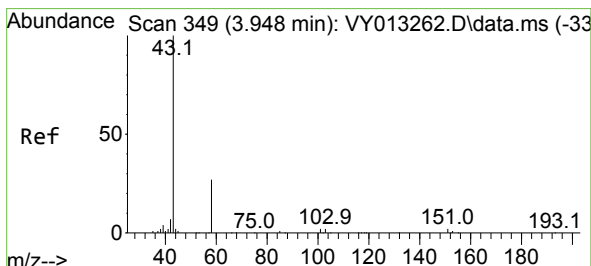
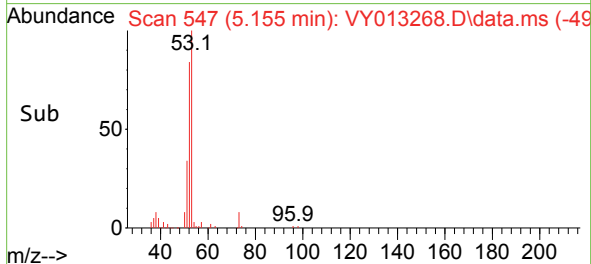
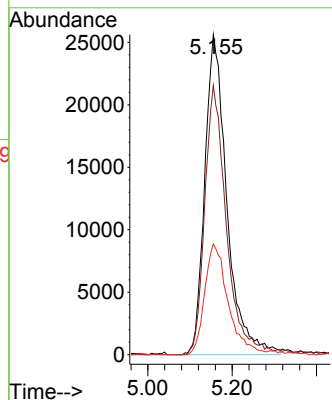
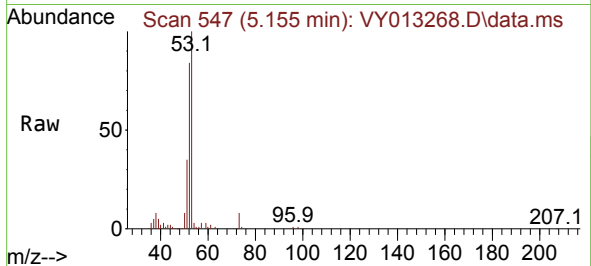
Tgt Ion: 53 Resp: 93571

Ion Ratio Lower Upper

53 100

52 82.2 66.3 99.5

51 36.6 28.8 43.2



#16

Acetone

Concen: 99.440 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.000 min

Lab File: VY013268.D

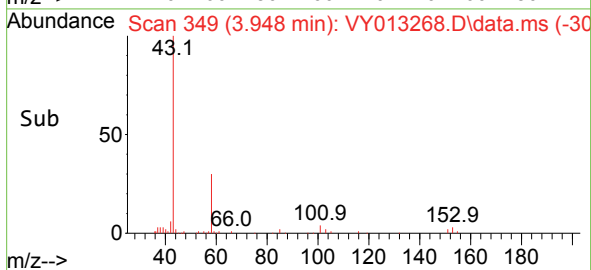
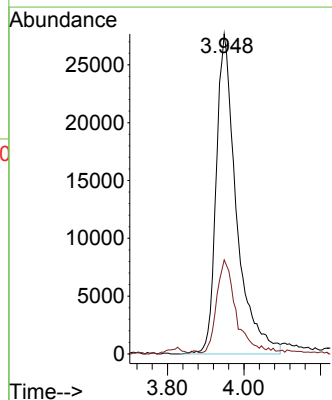
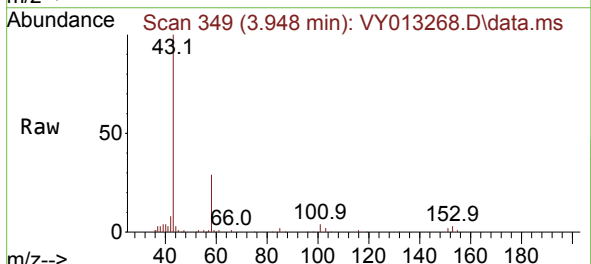
Acq: 12 Apr 2023 15:40

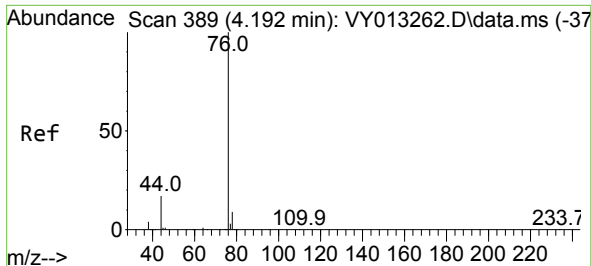
Tgt Ion: 43 Resp: 101874

Ion Ratio Lower Upper

43 100

58 28.4 24.2 36.2

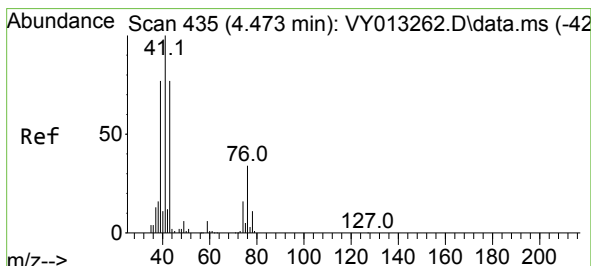
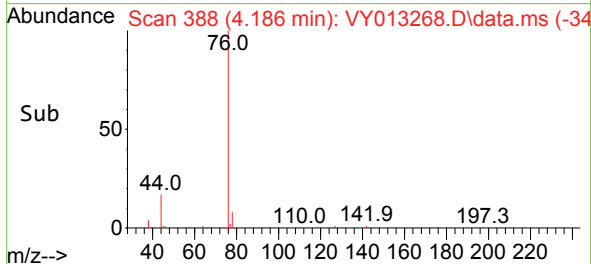
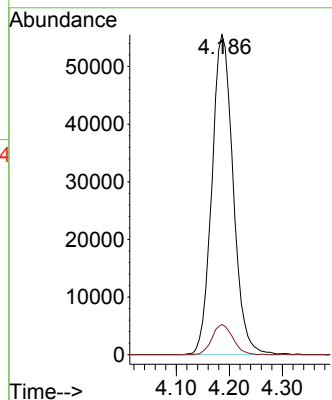
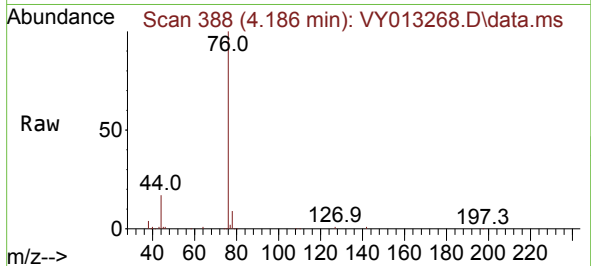




#17
Carbon Disulfide
Concen: 20.138 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY013268.D
Acq: 12 Apr 2023 15:40

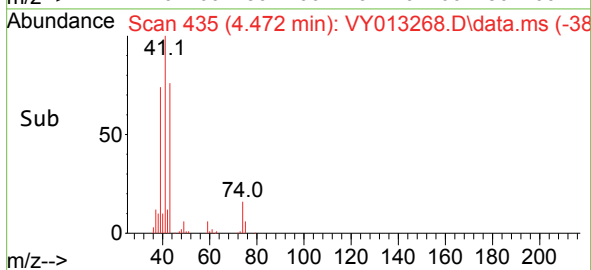
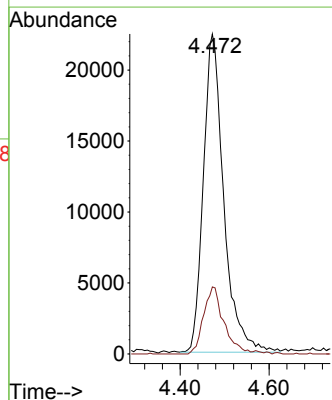
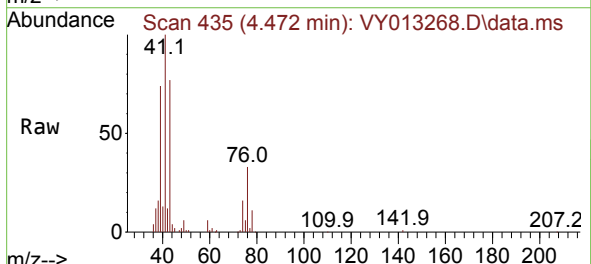
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

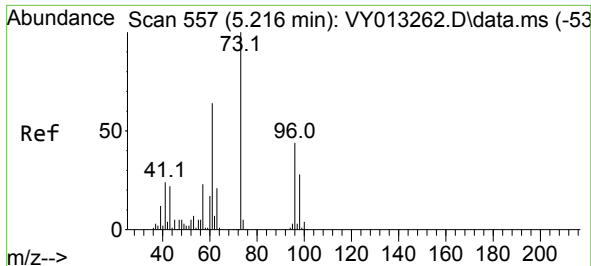
Tgt Ion: 76 Resp: 154679
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7



#18
Methyl Acetate
Concen: 21.626 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY013268.D
Acq: 12 Apr 2023 15:40

Tgt Ion: 43 Resp: 71656
Ion Ratio Lower Upper
43 100
74 20.9 17.4 26.0

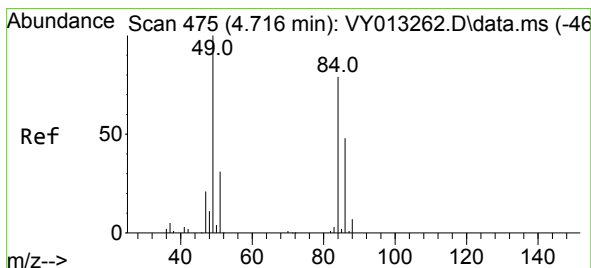
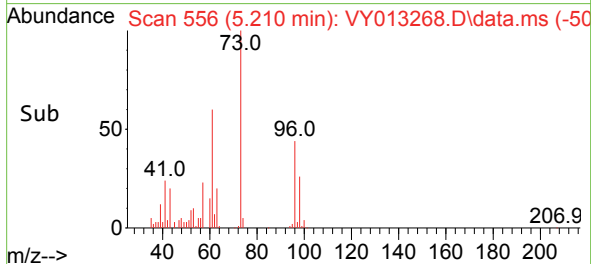
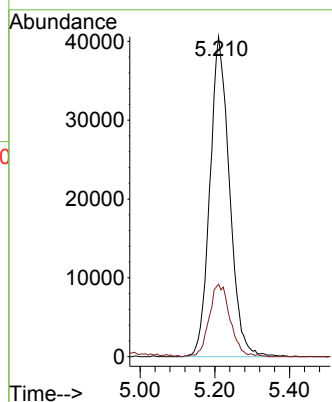
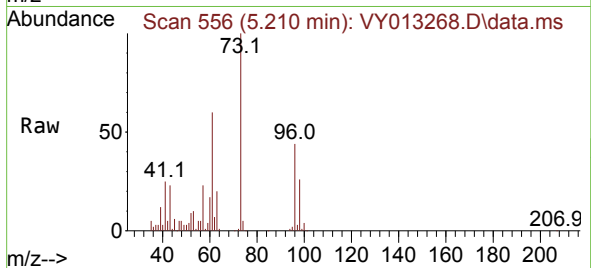




#19
Methyl tert-butyl Ether
Concen: 21.115 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013268.D
Acq: 12 Apr 2023 15:40

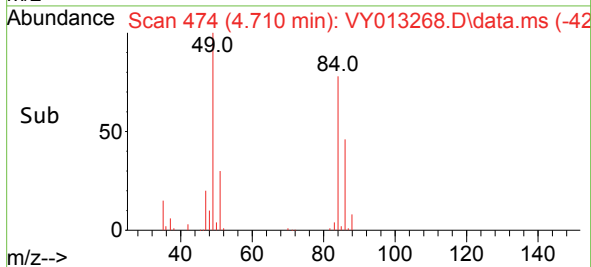
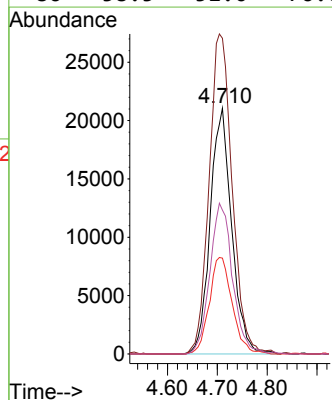
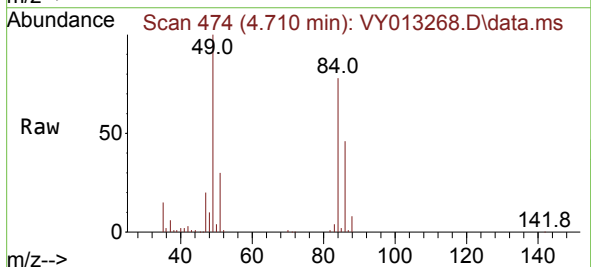
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

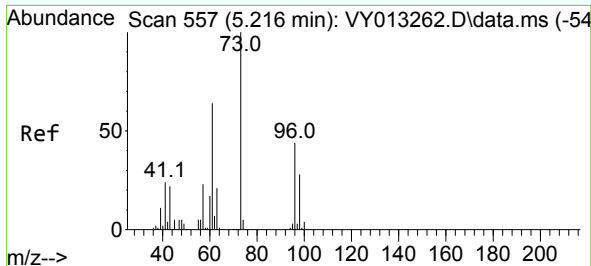
Tgt Ion: 73 Resp: 147567
Ion Ratio Lower Upper
73 100
57 22.7 18.3 27.5



#20
Methylene Chloride
Concen: 20.818 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013268.D
Acq: 12 Apr 2023 15:40

Tgt Ion: 84 Resp: 63080
Ion Ratio Lower Upper
84 100
49 128.5 102.6 154.0
51 39.0 31.9 47.9
86 58.5 51.0 76.6

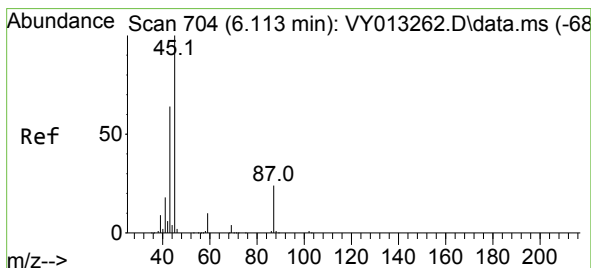
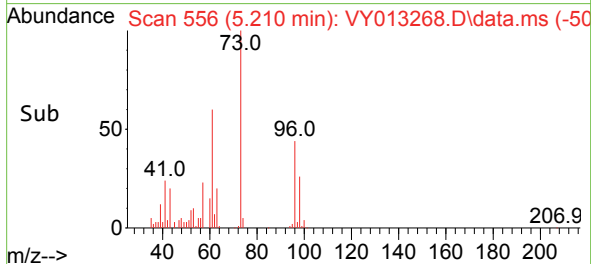
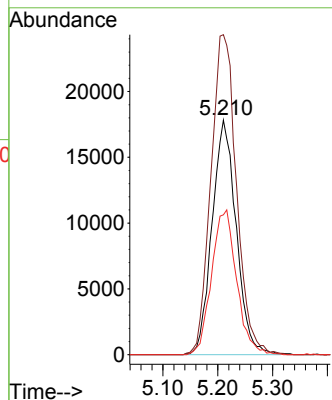
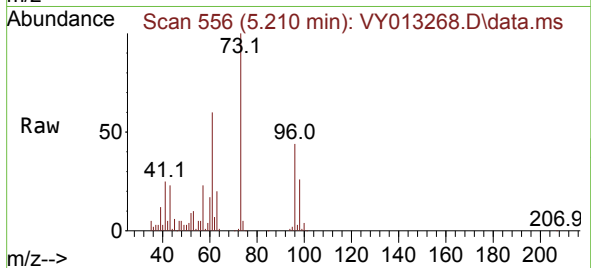




#21
trans-1,2-Dichloroethene
Concen: 20.442 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013268.D
Acq: 12 Apr 2023 15:40

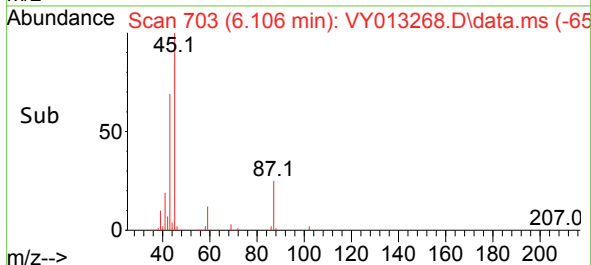
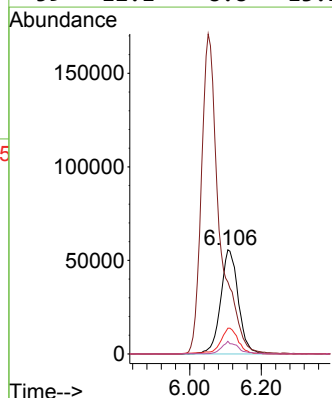
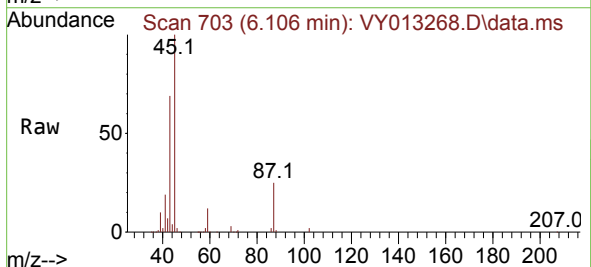
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

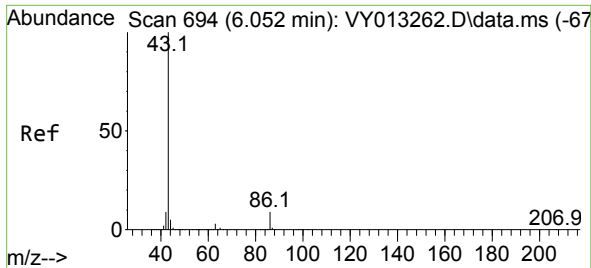
Tgt Ion: 96 Resp: 54441
Ion Ratio Lower Upper
96 100
61 136.4 111.4 167.0
98 59.6 50.8 76.2



#22
Diisopropyl ether
Concen: 21.704 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.006 min
Lab File: VY013268.D
Acq: 12 Apr 2023 15:40

Tgt Ion: 45 Resp: 190634
Ion Ratio Lower Upper
45 100
43 69.2 45.0 67.6#
87 24.7 20.3 30.5
59 12.1 8.8 13.2

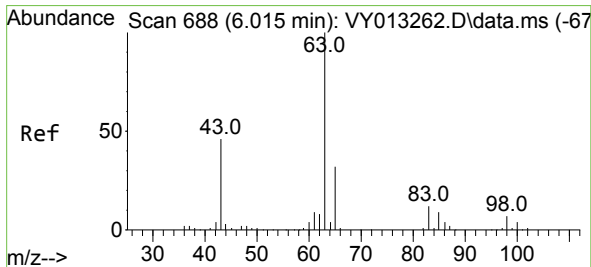
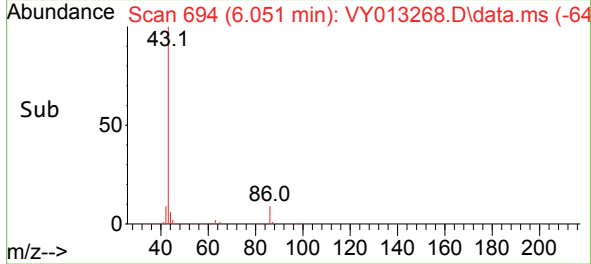
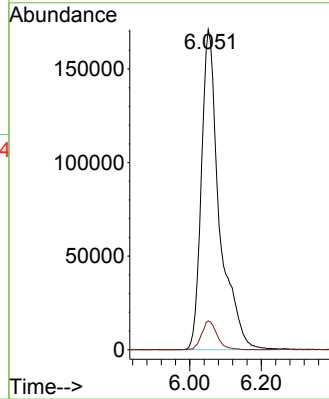
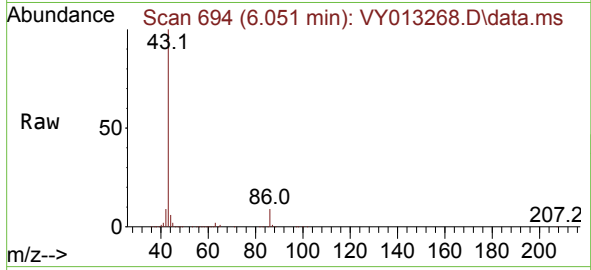




#23
 Vinyl Acetate
 Concen: 107.851 ug/l
 RT: 6.051 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VY013268.D
 Acq: 12 Apr 2023 15:40

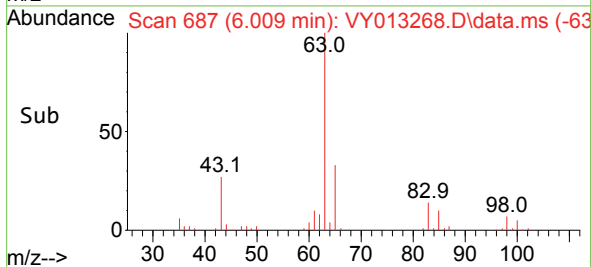
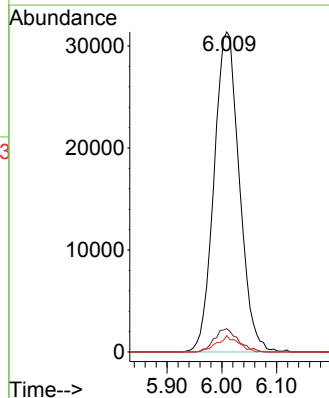
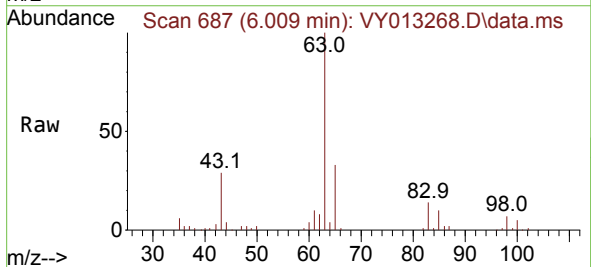
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0412SBS01

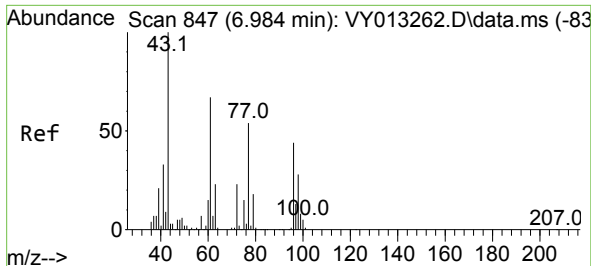
Tgt Ion: 43 Resp: 598830
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 20.526 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY013268.D
 Acq: 12 Apr 2023 15:40

Tgt Ion: 63 Resp: 100707
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.7 11.1
 100 5.1 2.3 6.8

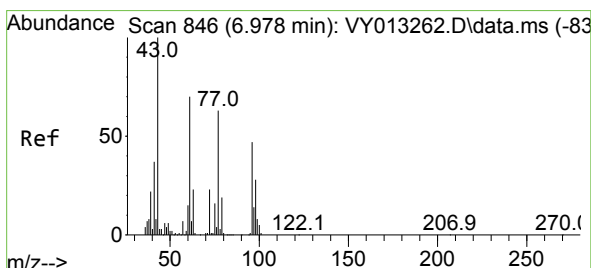
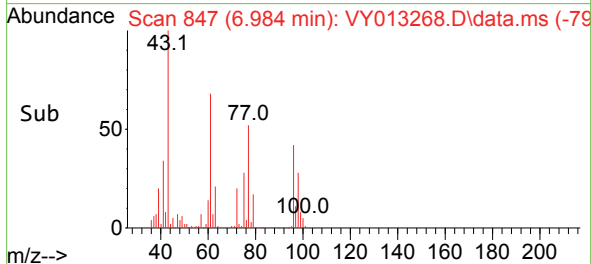
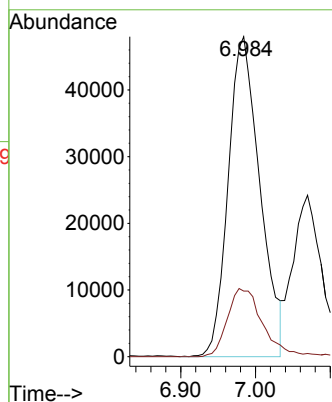
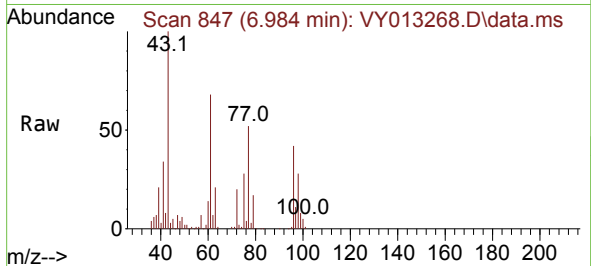




#25
2-Butanone
Concen: 107.879 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY013268.D
Acq: 12 Apr 2023 15:40

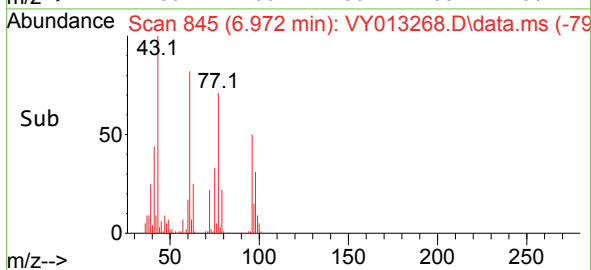
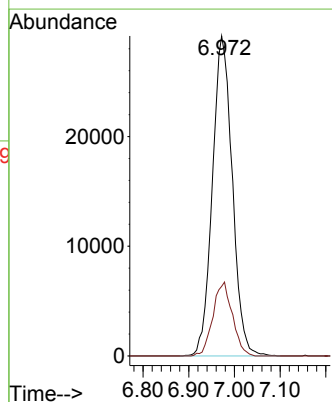
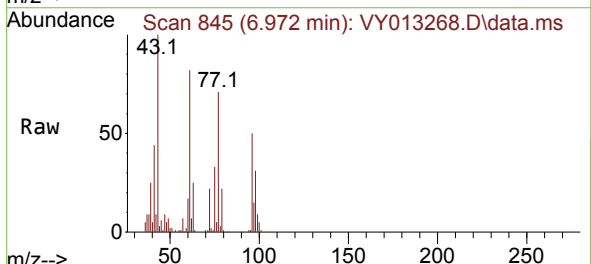
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

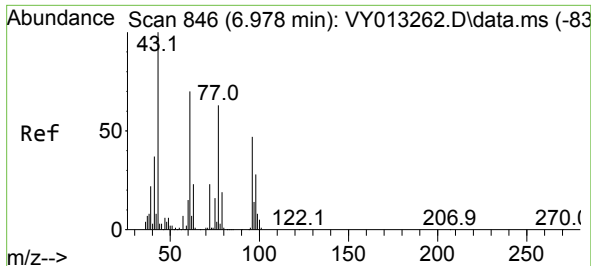
Tgt Ion: 43 Resp: 141509
Ion Ratio Lower Upper
43 100
72 20.5 21.0 31.4#



#26
2,2-Dichloropropane
Concen: 20.042 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY013268.D
Acq: 12 Apr 2023 15:40

Tgt Ion: 77 Resp: 88219
Ion Ratio Lower Upper
77 100
97 22.6 11.7 35.0

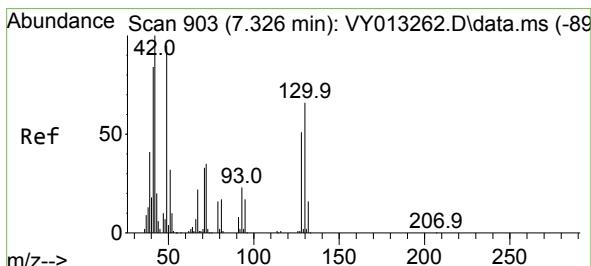
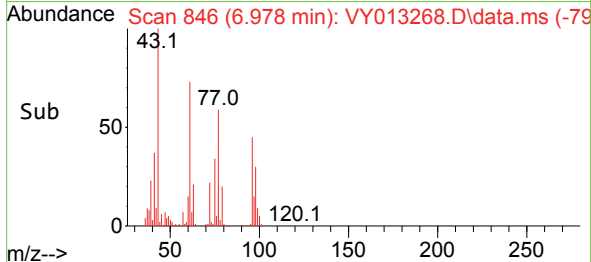
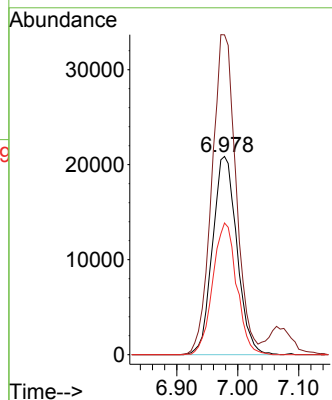
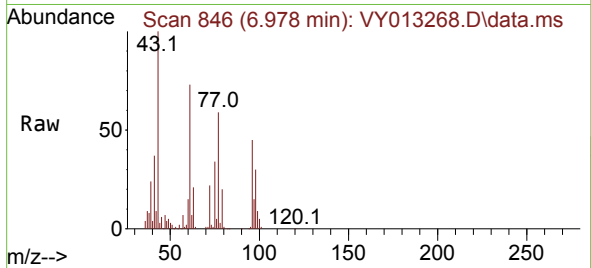




#27
 cis-1,2-Dichloroethene
 Concen: 20.075 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. -0.000 min
 Lab File: VY013268.D
 Acq: 12 Apr 2023 15:40

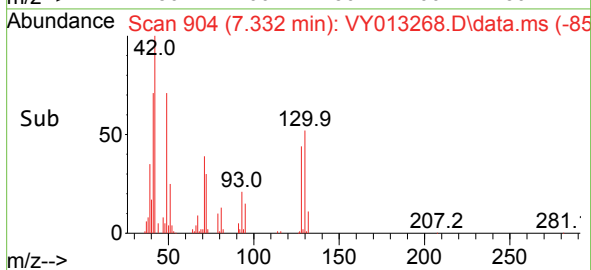
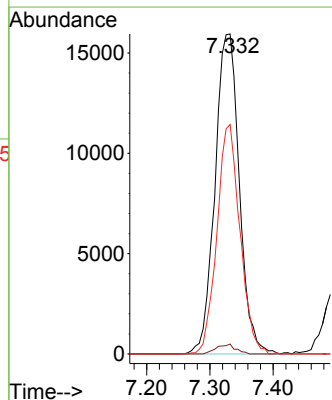
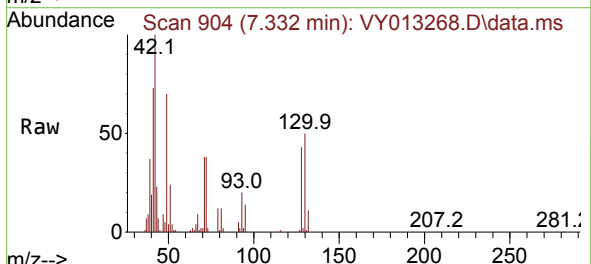
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0412SBS01

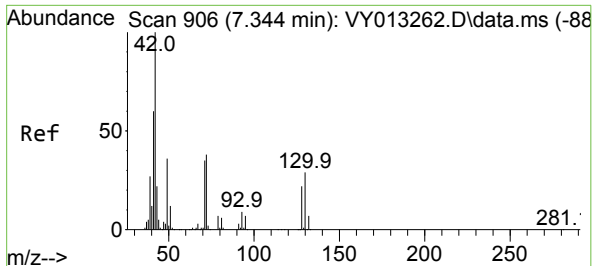
Tgt Ion:	96	Resp:	58135
Ion Ratio	Lower	Upper	
96	100		
61	159.7	0.0	295.8
98	65.3	0.0	130.2



#28
 Bromochloromethane
 Concen: 21.723 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.006 min
 Lab File: VY013268.D
 Acq: 12 Apr 2023 15:40

Tgt Ion:	49	Resp:	42477
Ion Ratio	Lower	Upper	
49	100		
129	2.4	0.0	4.2
130	67.9	60.5	90.7





#29

Tetrahydrofuran

Concen: 113.427 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY013268.D

Acq: 12 Apr 2023 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0412SBS01

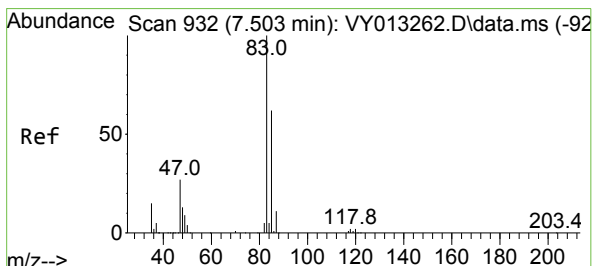
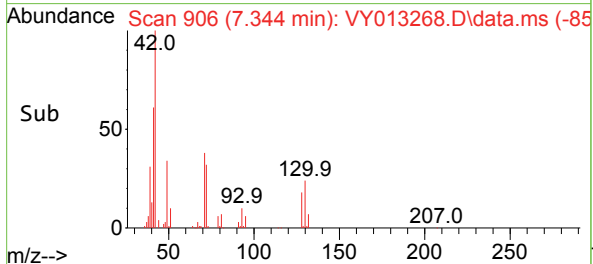
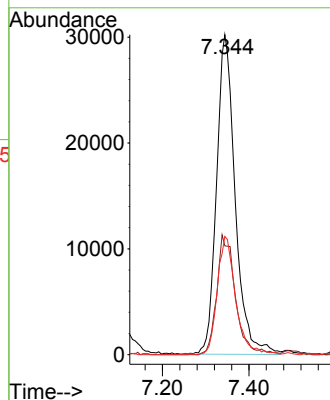
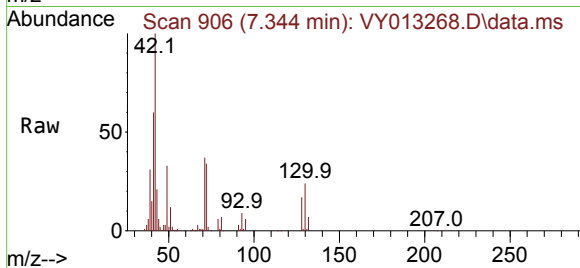
Tgt Ion: 42 Resp: 90366

Ion Ratio Lower Upper

42 100

72 37.5 32.3 48.5

71 36.4 30.3 45.5



#30

Chloroform

Concen: 20.517 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.006 min

Lab File: VY013268.D

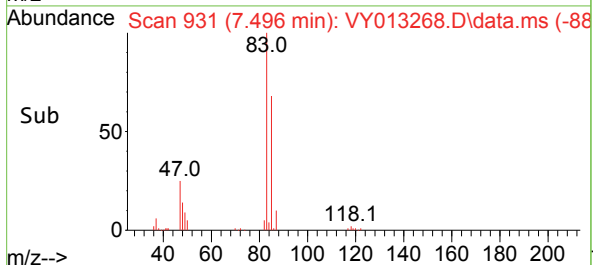
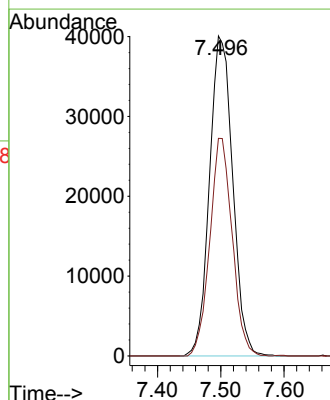
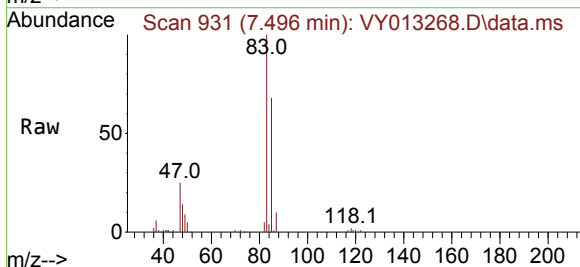
Acq: 12 Apr 2023 15:40

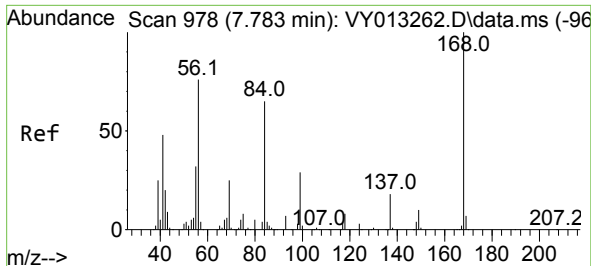
Tgt Ion: 83 Resp: 101867

Ion Ratio Lower Upper

83 100

85 68.0 51.4 77.0

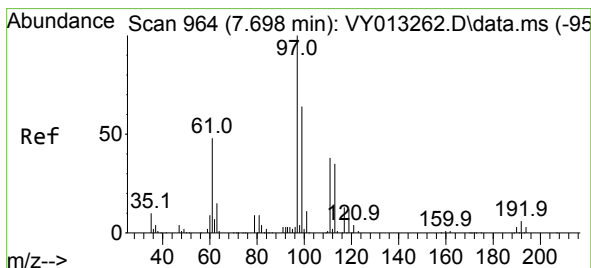
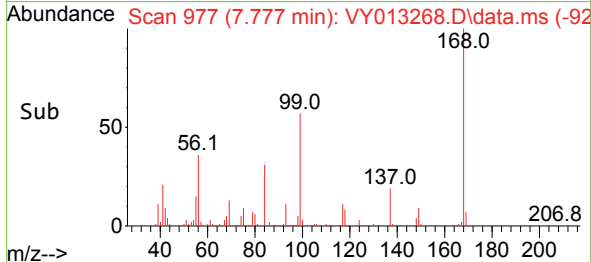
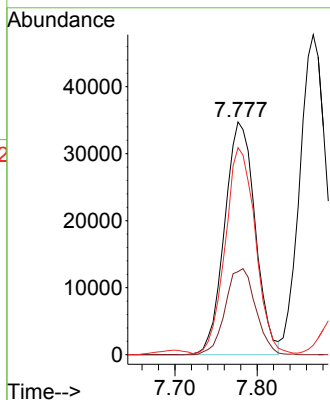
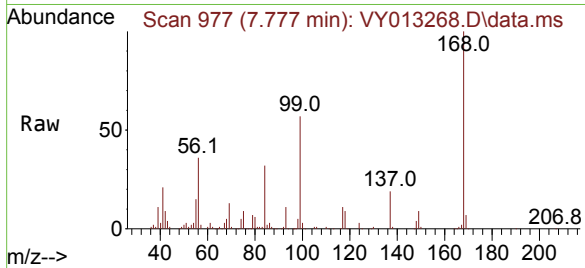




#31
Cyclohexane
Concen: 19.988 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013268.D
Acq: 12 Apr 2023 15:40

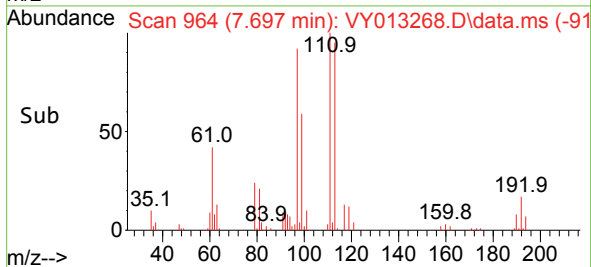
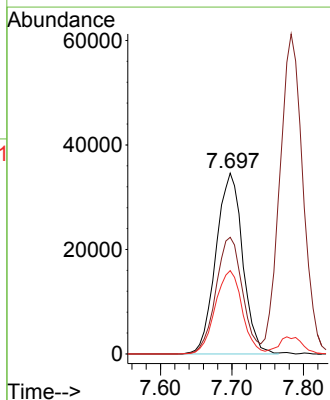
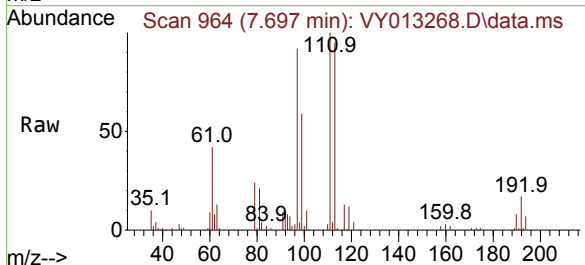
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

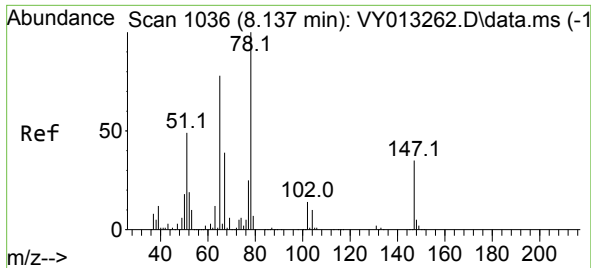
Tgt Ion: 56 Resp: 90053
Ion Ratio Lower Upper
56 100
69 35.7 25.7 38.5
84 87.1 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 19.968 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY013268.D
Acq: 12 Apr 2023 15:40

Tgt Ion: 97 Resp: 89686
Ion Ratio Lower Upper
97 100
99 64.4 51.0 76.6
61 46.4 34.5 51.7

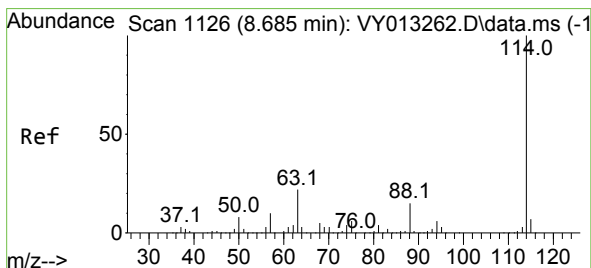
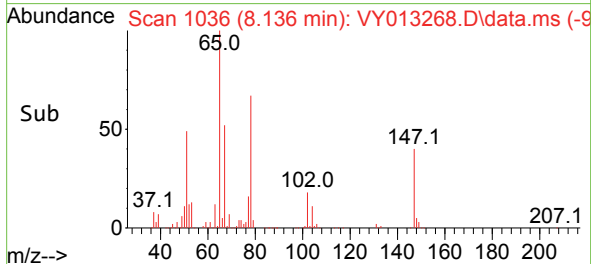
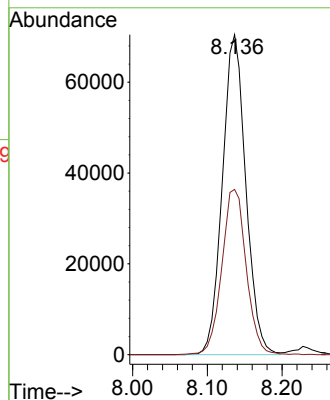
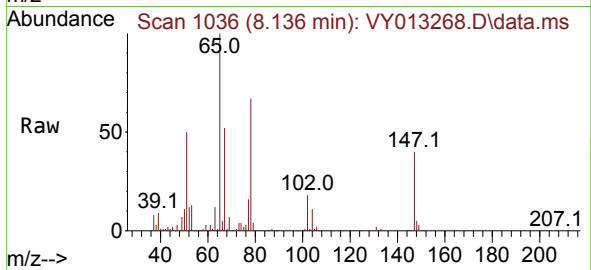




#33
 1,2-Dichloroethane-d4
 Concen: 51.576 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VY013268.D
 Acq: 12 Apr 2023 15:40

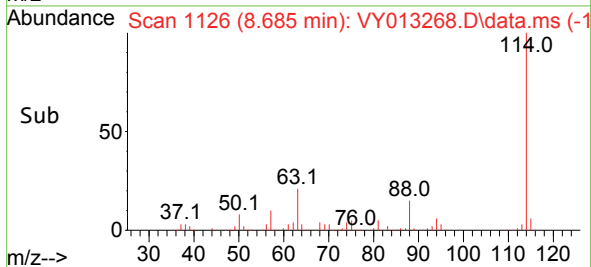
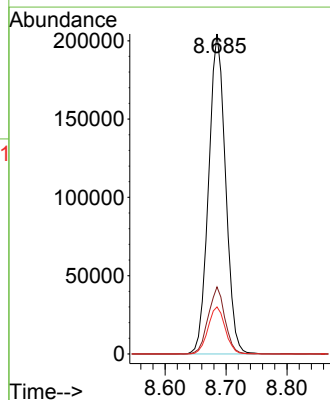
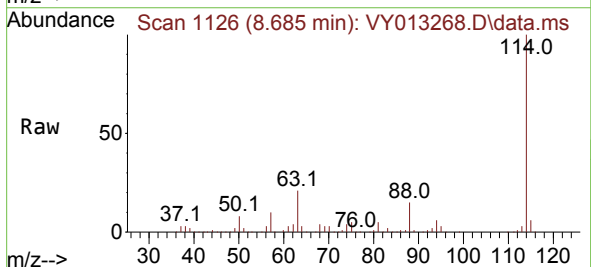
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0412SBS01

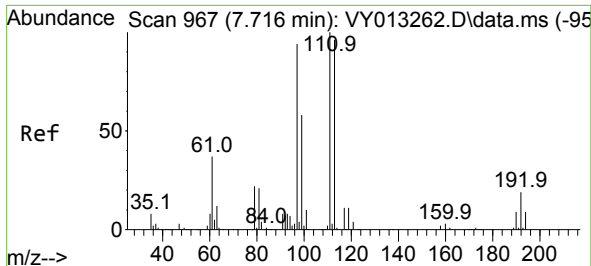
Tgt Ion: 65 Resp: 153675
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VY013268.D
 Acq: 12 Apr 2023 15:40

Tgt Ion: 114 Resp: 394301
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 37.4
 88 14.7 0.0 28.6

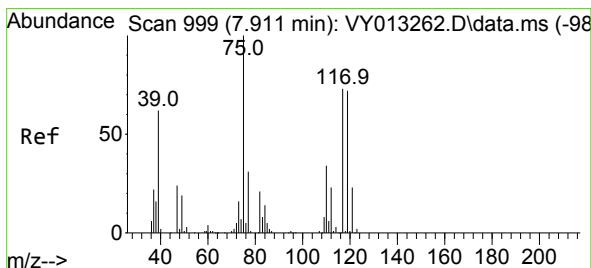
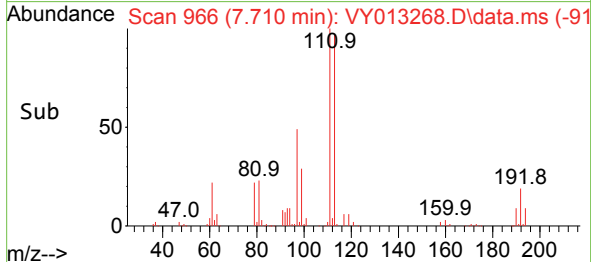
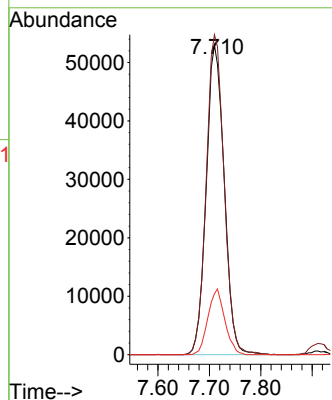
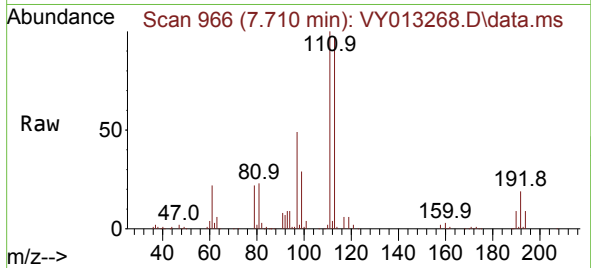




#35
Dibromofluoromethane
Concen: 50.403 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY013268.D
Acq: 12 Apr 2023 15:40

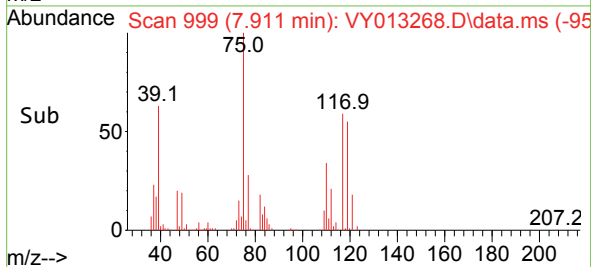
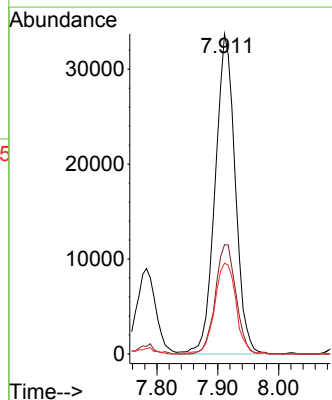
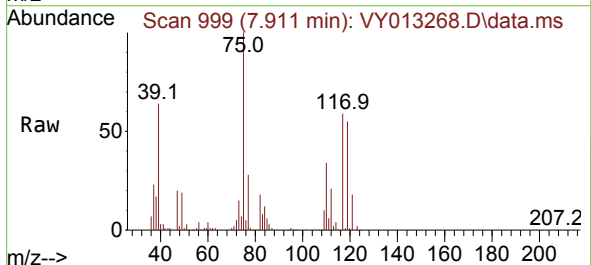
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

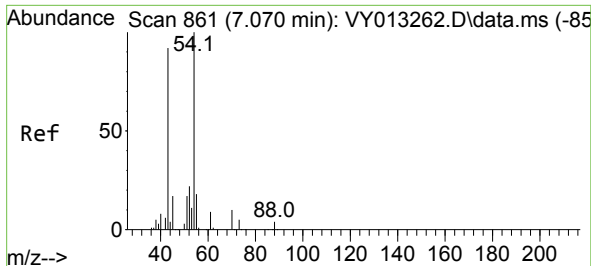
Tgt Ion:113 Resp: 128663
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 19.9 16.8 25.2



#36
1,1-Dichloropropene
Concen: 19.885 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY013268.D
Acq: 12 Apr 2023 15:40

Tgt Ion: 75 Resp: 76900
Ion Ratio Lower Upper
75 100
110 35.3 17.8 53.3
77 30.2 25.0 37.4

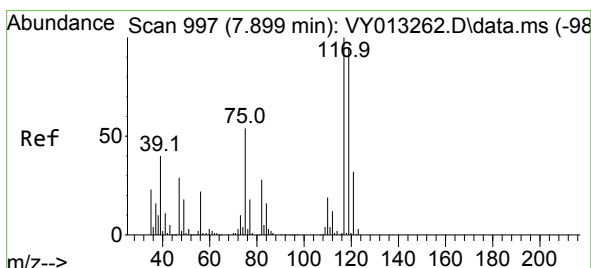
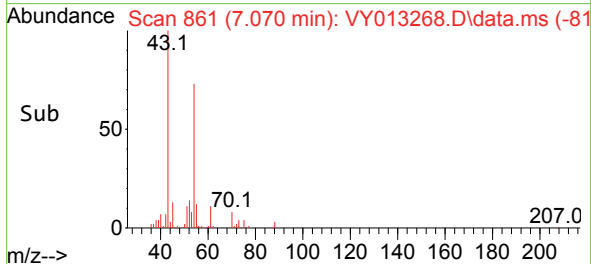
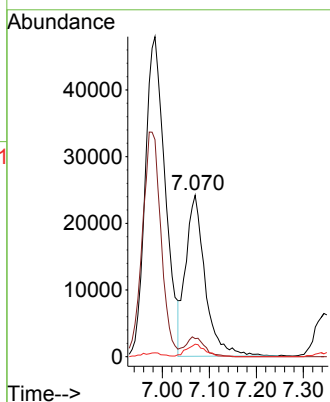
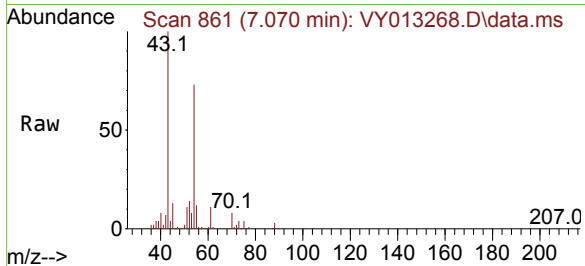




#37
Ethyl Acetate
Concen: 22.348 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY013268.D
Acq: 12 Apr 2023 15:40

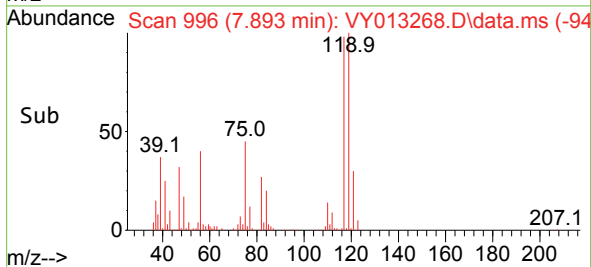
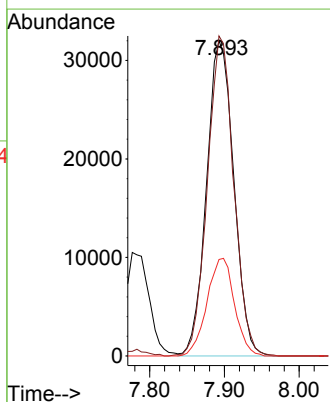
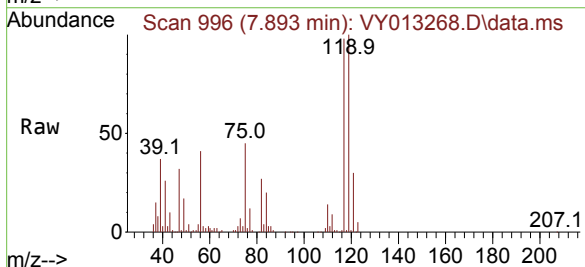
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

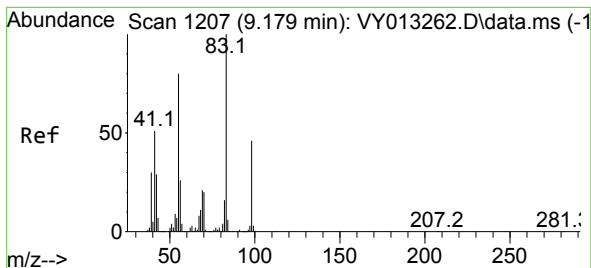
Tgt Ion: 43 Resp: 69663
Ion Ratio Lower Upper
43 100
61 11.5 10.7 16.1
70 7.6 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 18.983 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.006 min
Lab File: VY013268.D
Acq: 12 Apr 2023 15:40

Tgt Ion: 117 Resp: 81172
Ion Ratio Lower Upper
117 100
119 101.6 77.2 115.8
121 30.6 24.7 37.1





#39

Methylcyclohexane

Concen: 19.636 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013268.D

Acq: 12 Apr 2023 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0412SBS01

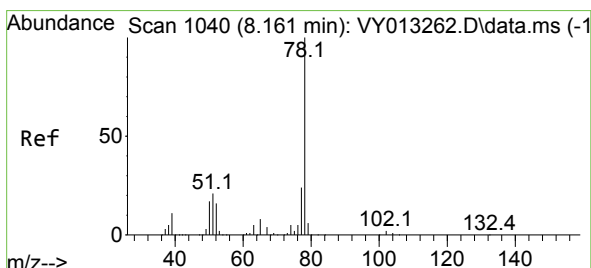
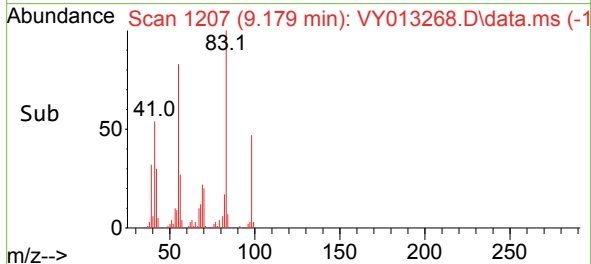
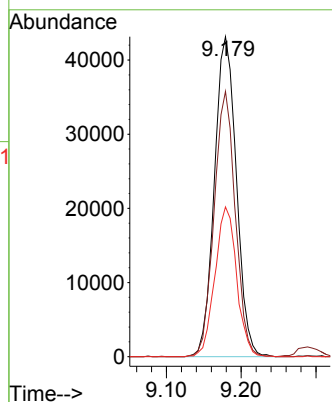
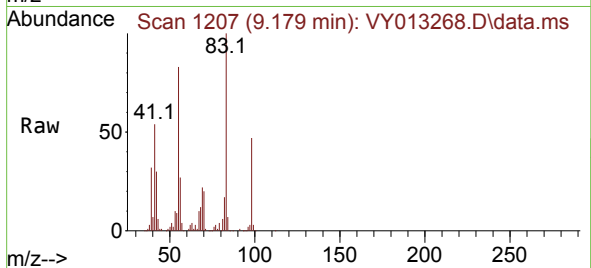
Tgt Ion: 83 Resp: 88276

Ion Ratio Lower Upper

83 100

55 82.9 60.0 90.0

98 46.8 38.3 57.5



#40

Benzene

Concen: 20.002 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY013268.D

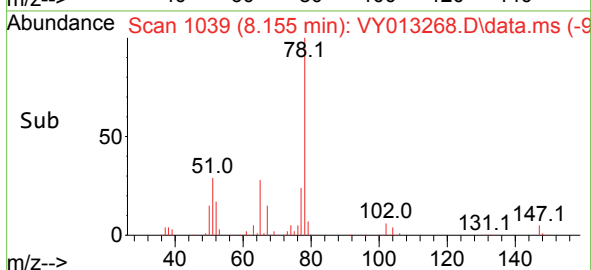
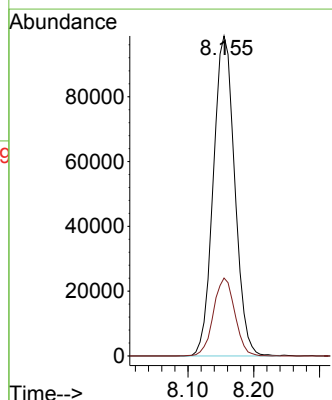
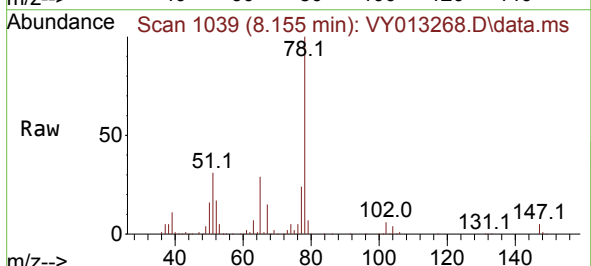
Acq: 12 Apr 2023 15:40

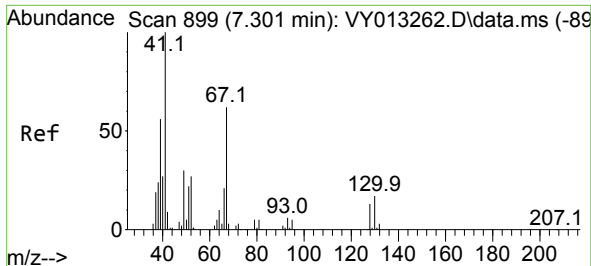
Tgt Ion: 78 Resp: 223873

Ion Ratio Lower Upper

78 100

77 24.3 19.4 29.0

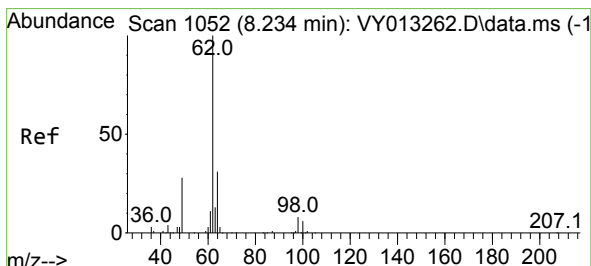
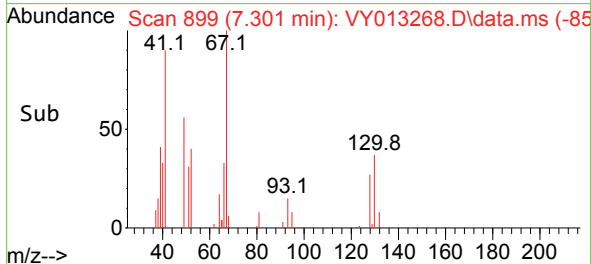
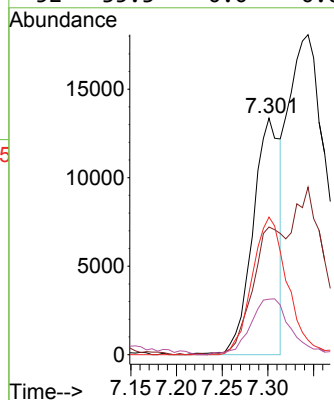
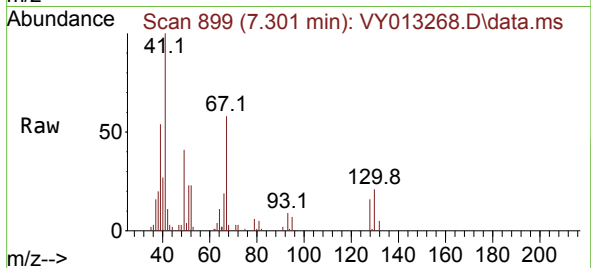




#41
Methacrylonitrile
Concen: 21.539 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.000 min
Lab File: VY013268.D
Acq: 12 Apr 2023 15:40

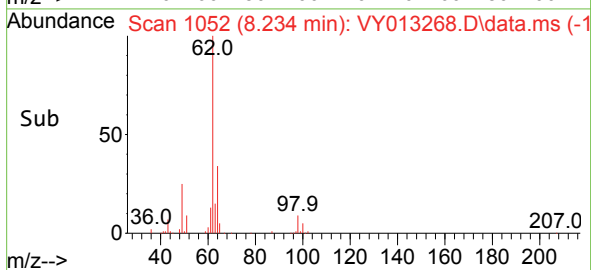
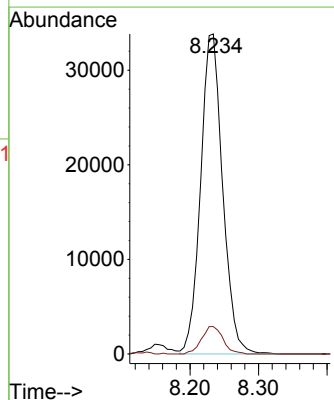
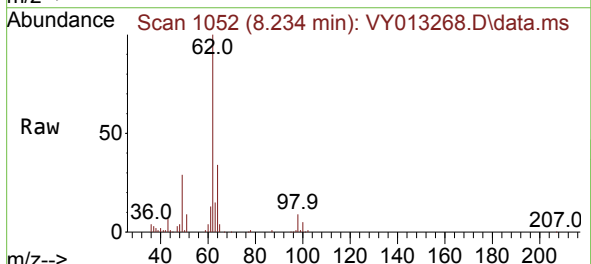
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

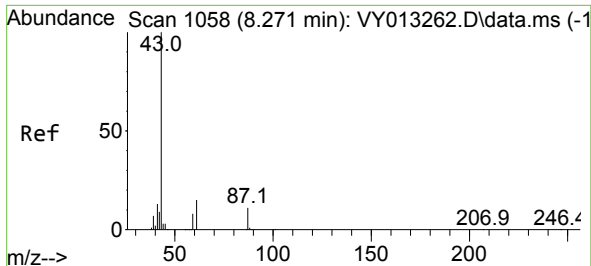
Tgt Ion:	41	Resp:	27855
Ion	Ratio	Lower	Upper
41	100		
39	64.1	0.0	0.0#
67	75.4	0.0	0.0#
52	35.3	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 19.943 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013268.D
Acq: 12 Apr 2023 15:40

Tgt Ion:	62	Resp:	75679
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	18.8

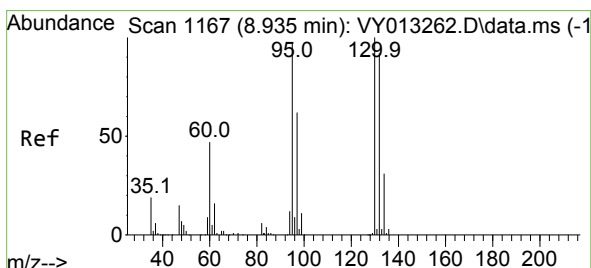
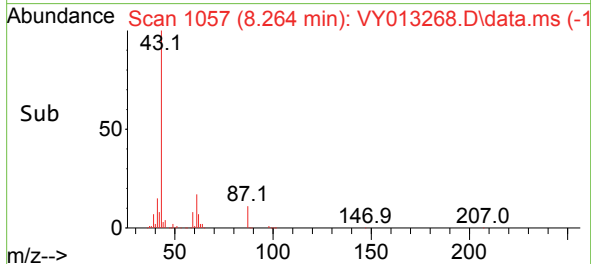
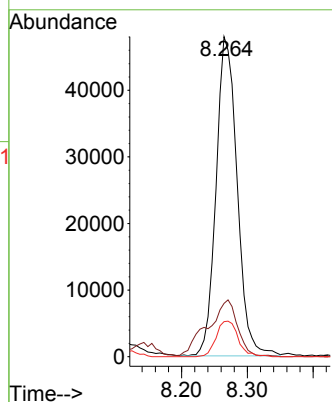
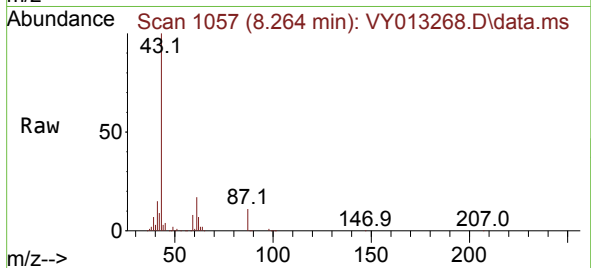




#43
Isopropyl Acetate
Concen: 20.643 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VY013268.D
Acq: 12 Apr 2023 15:40

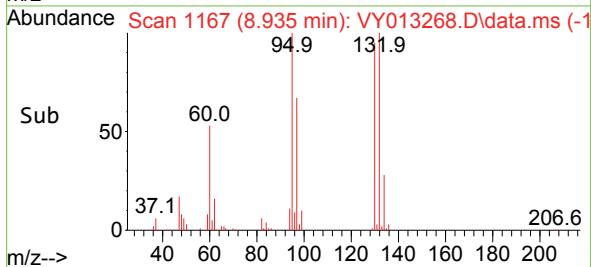
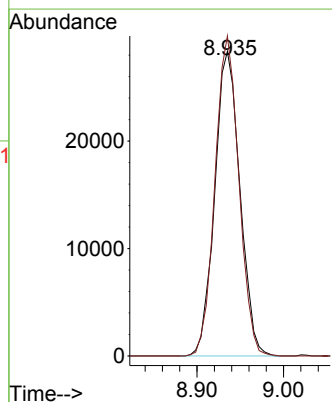
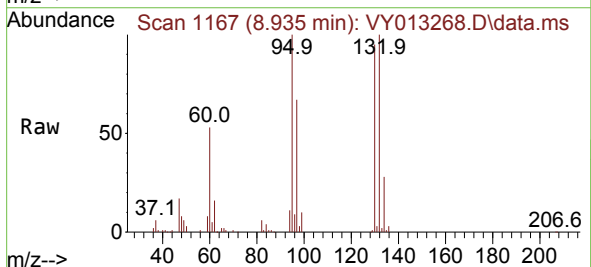
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

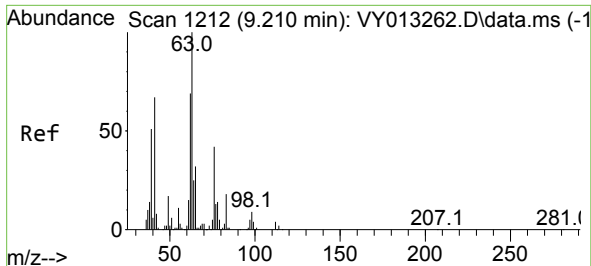
Tgt Ion: 43 Resp: 106882
Ion Ratio Lower Upper
43 100
61 25.6 21.6 32.4
87 11.7 9.9 14.9



#44
Trichloroethene
Concen: 19.833 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY013268.D
Acq: 12 Apr 2023 15:40

Tgt Ion:130 Resp: 57185
Ion Ratio Lower Upper
130 100
95 105.1 0.0 185.0





#45

1,2-Dichloropropane

Concen: 20.103 ug/l

RT: 9.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013268.D

Acq: 12 Apr 2023 15:40

Instrument :

MSVOA_Y

ClientSampleId :

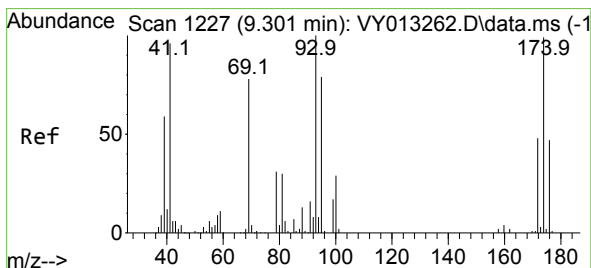
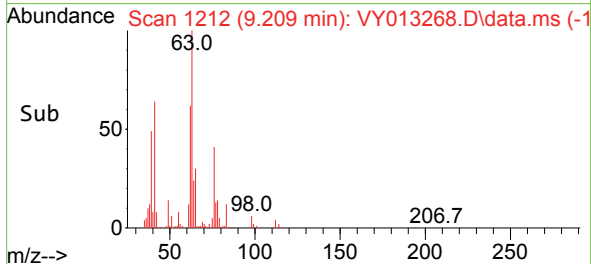
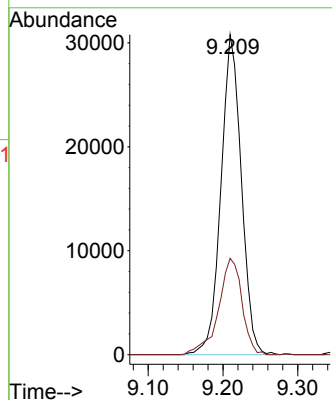
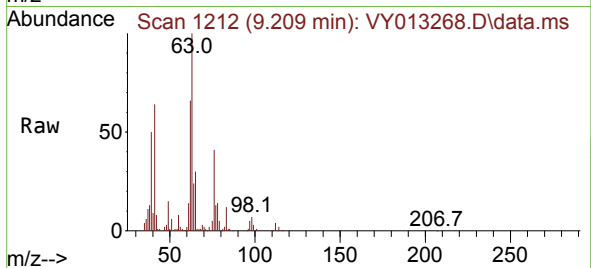
VY0412SBS01

Tgt Ion: 63 Resp: 58399

Ion Ratio Lower Upper

63 100

65 30.1 25.7 38.5



#46

Dibromomethane

Concen: 20.320 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY013268.D

Acq: 12 Apr 2023 15:40

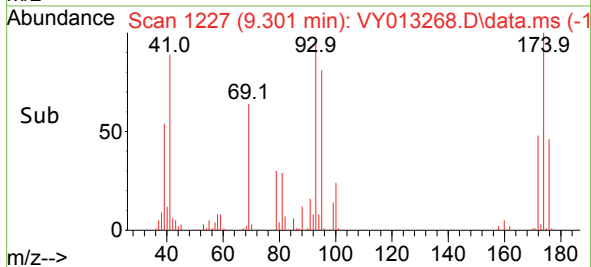
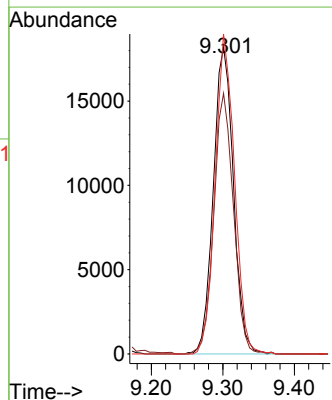
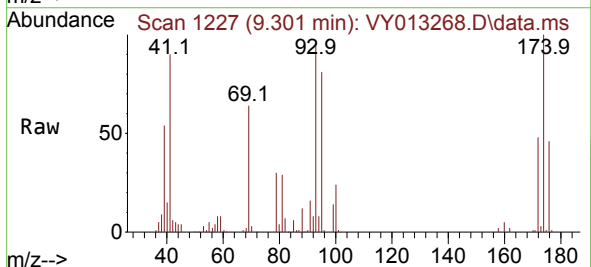
Tgt Ion: 93 Resp: 35528

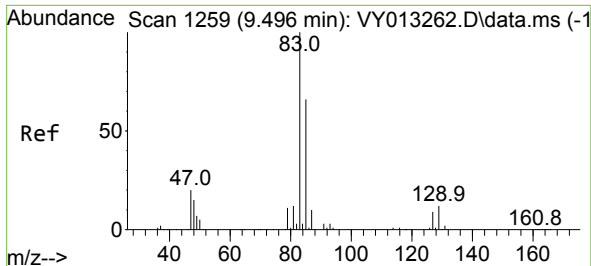
Ion Ratio Lower Upper

93 100

95 83.2 65.6 98.4

174 100.2 81.3 121.9

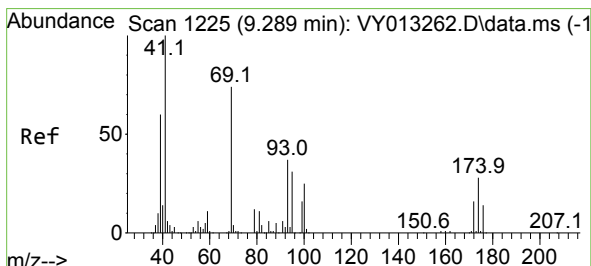
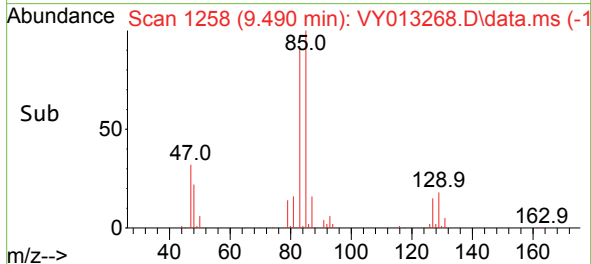
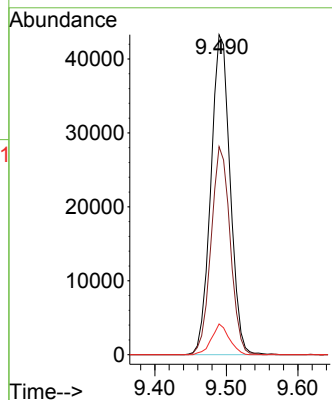
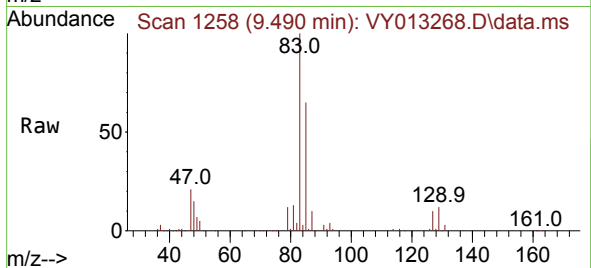




#47
Bromodichloromethane
Concen: 20.243 ug/l
RT: 9.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013268.D
Acq: 12 Apr 2023 15:40

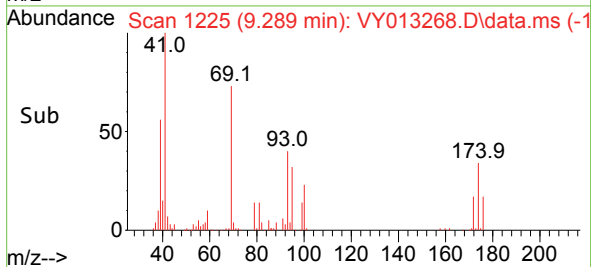
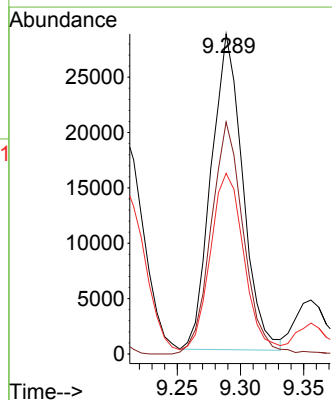
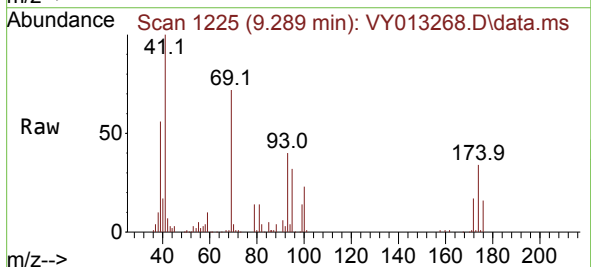
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

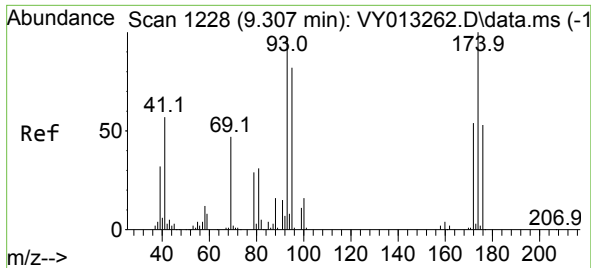
Tgt Ion: 83 Resp: 80909
Ion Ratio Lower Upper
83 100
85 65.0 50.2 75.4
127 9.6 6.3 9.5#



#48
Methyl methacrylate
Concen: 20.826 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY013268.D
Acq: 12 Apr 2023 15:40

Tgt Ion: 41 Resp: 49531
Ion Ratio Lower Upper
41 100
69 75.4 64.1 96.1
39 59.1 44.0 66.0

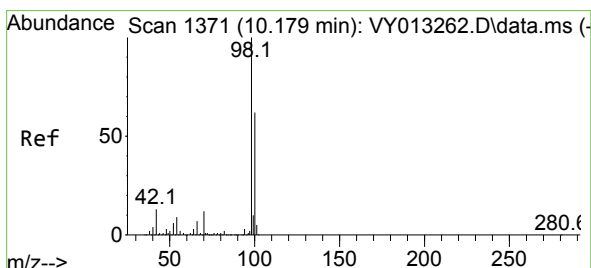
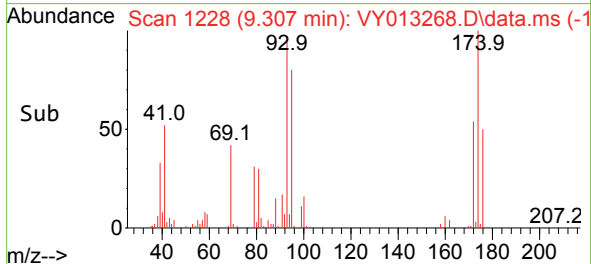
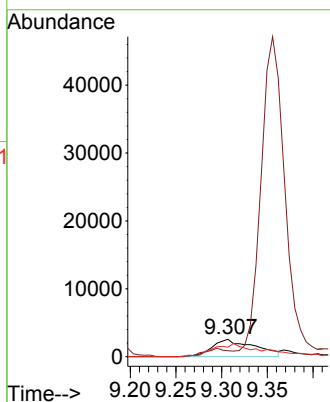
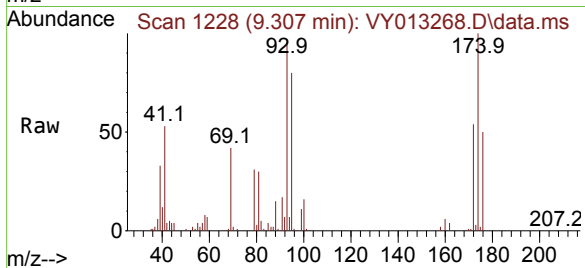




#49
1,4-Dioxane
Concen: 349.409 ug/l
RT: 9.307 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013268.D
Acq: 12 Apr 2023 15:40

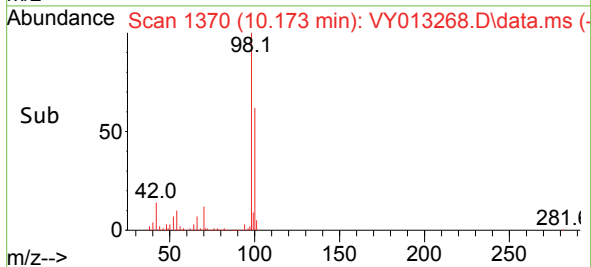
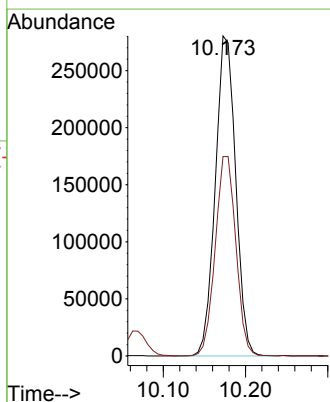
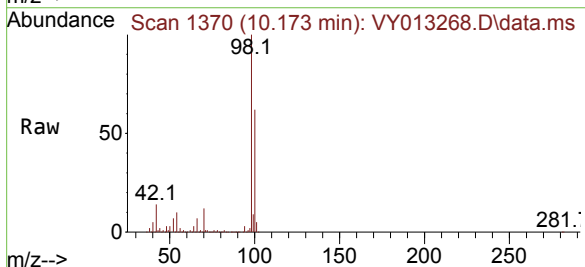
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

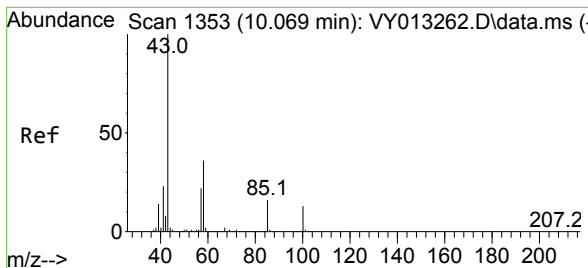
Tgt Ion: 88 Resp: 8277
Ion Ratio Lower Upper
88 100
43 0.0 28.6 42.8#
58 92.1 55.2 82.8#



#50
Toluene-d8
Concen: 50.884 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY013268.D
Acq: 12 Apr 2023 15:40

Tgt Ion: 98 Resp: 483475
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3

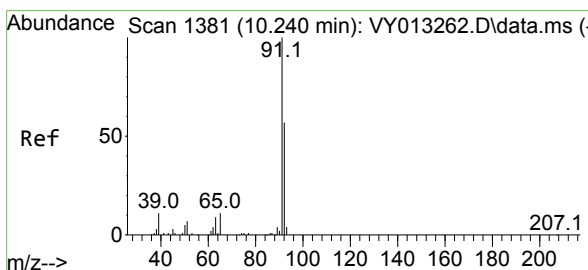
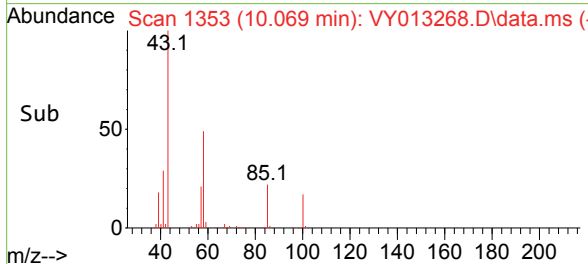
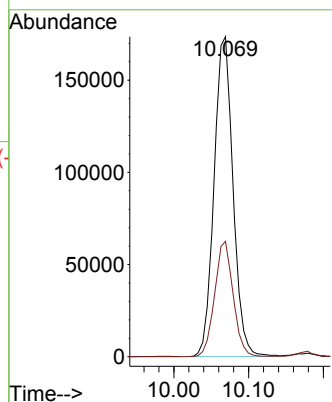
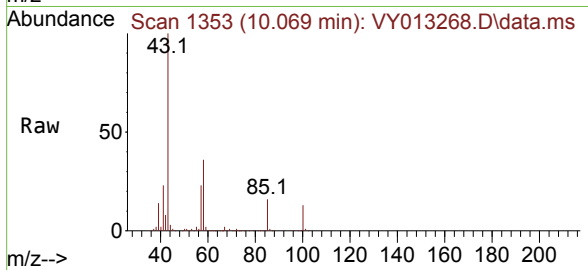




#51
4-Methyl-2-Pentanone
Concen: 108.774 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013268.D
Acq: 12 Apr 2023 15:40

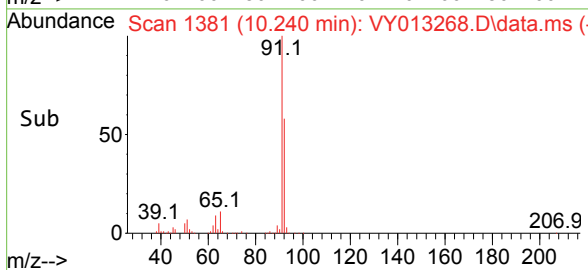
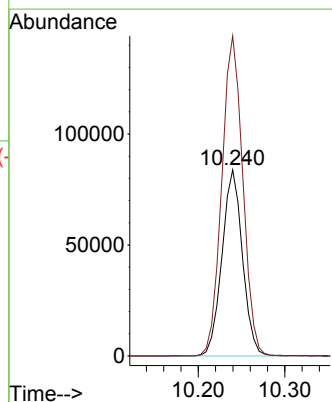
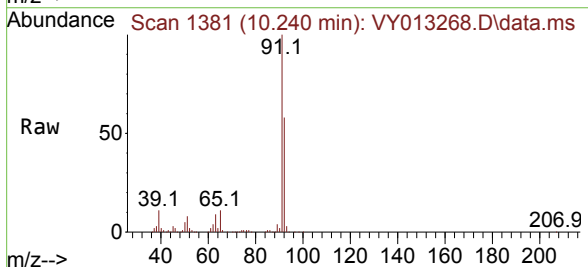
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

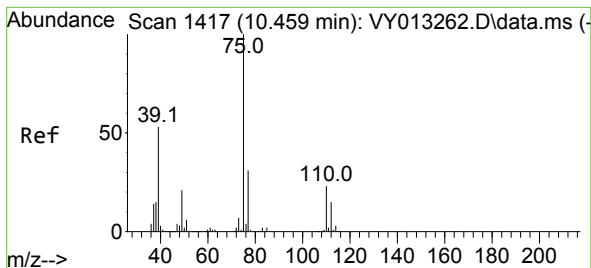
Tgt Ion: 43 Resp: 306508
Ion Ratio Lower Upper
43 100
58 35.2 29.8 44.6



#52
Toluene
Concen: 20.335 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013268.D
Acq: 12 Apr 2023 15:40

Tgt Ion: 92 Resp: 137437
Ion Ratio Lower Upper
92 100
91 176.7 141.3 211.9

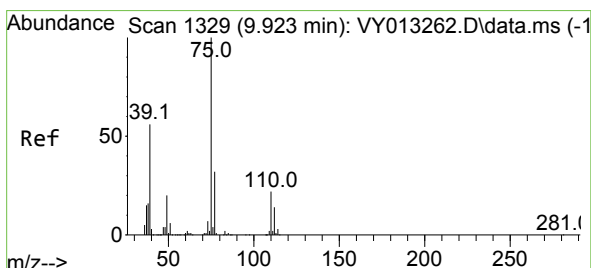
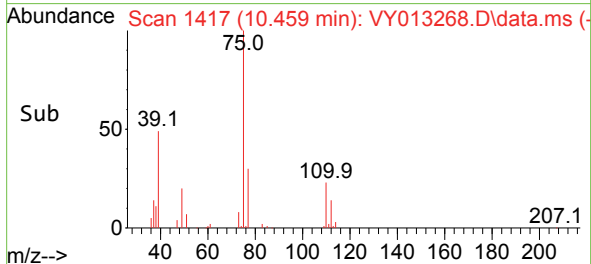
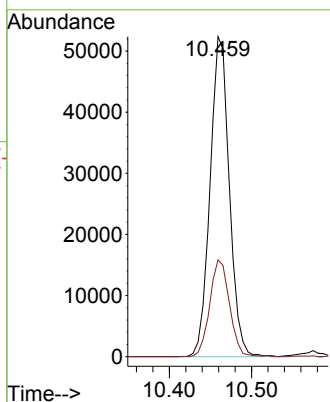
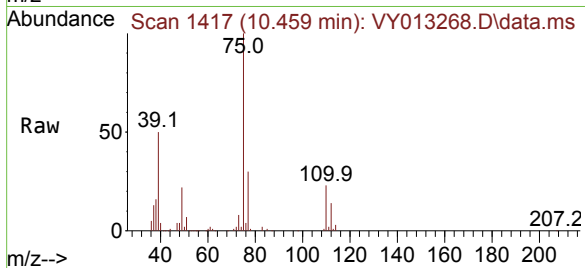




#53
 t-1,3-Dichloropropene
 Concen: 20.326 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. -0.000 min
 Lab File: VY013268.D
 Acq: 12 Apr 2023 15:40

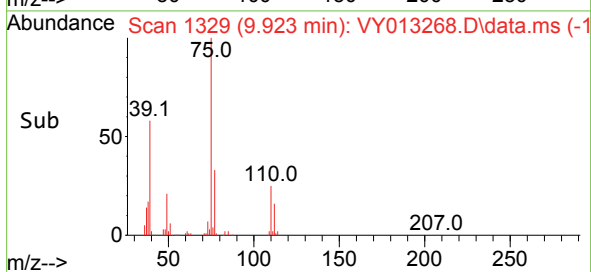
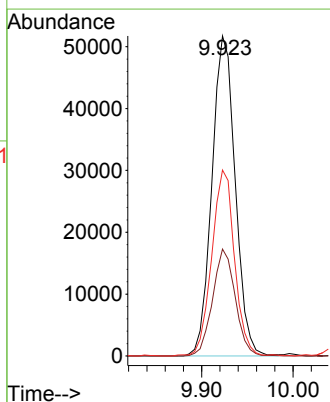
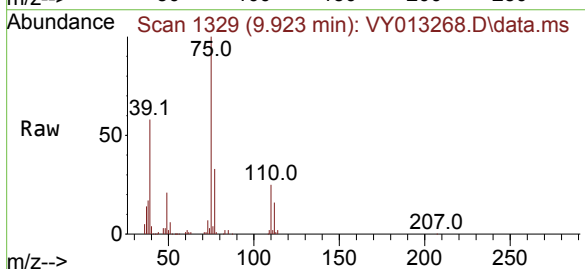
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0412SBS01

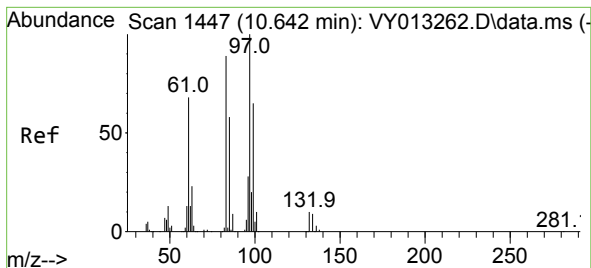
Tgt Ion: 75 Resp: 85081
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 19.972 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.000 min
 Lab File: VY013268.D
 Acq: 12 Apr 2023 15:40

Tgt Ion: 75 Resp: 91664
 Ion Ratio Lower Upper
 75 100
 77 33.4 25.4 38.0
 39 57.8 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 20.194 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY013268.D

Acq: 12 Apr 2023 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0412SBS01

Tgt Ion: 97 Resp: 46554

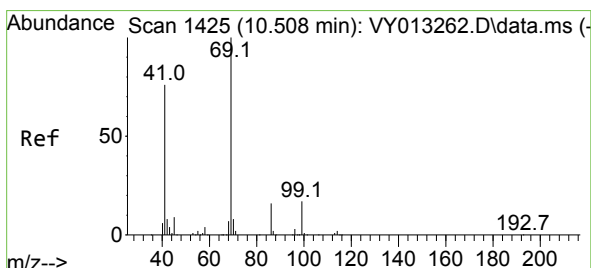
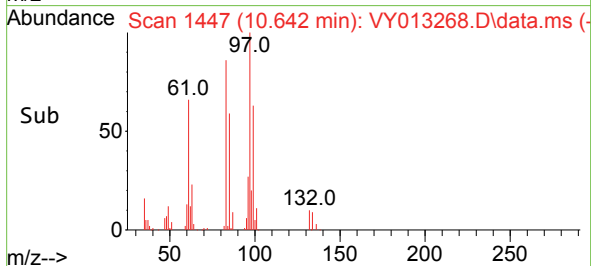
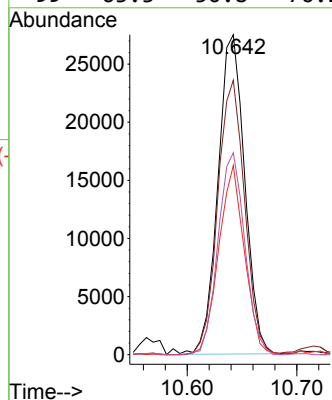
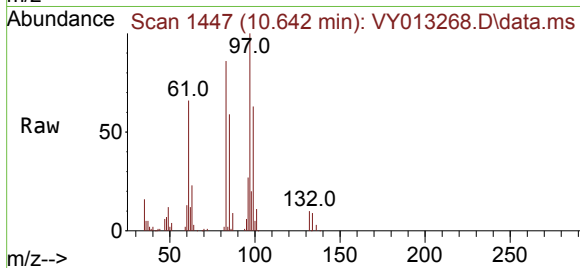
Ion Ratio Lower Upper

97 100

83 86.1 69.0 103.6

85 59.3 44.9 67.3

99 63.3 50.8 76.2



#56

Ethyl methacrylate

Concen: 21.008 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY013268.D

Acq: 12 Apr 2023 15:40

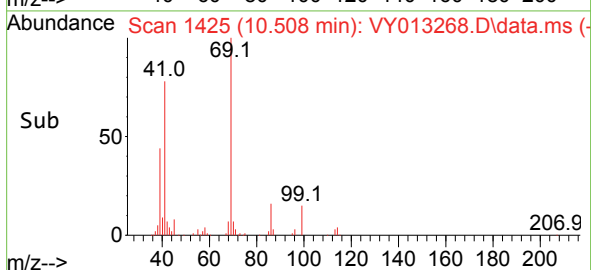
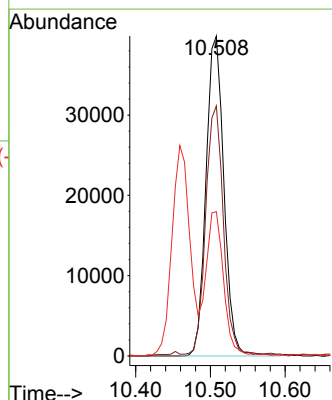
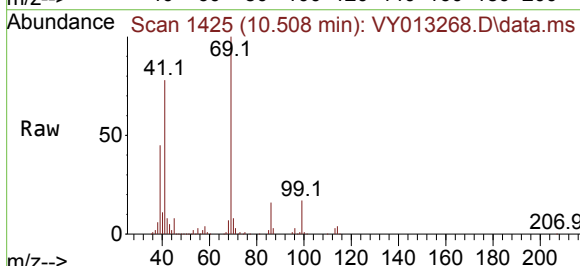
Tgt Ion: 69 Resp: 66310

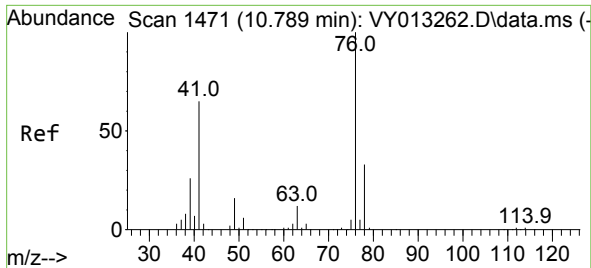
Ion Ratio Lower Upper

69 100

41 75.9 56.4 84.6

39 45.0 30.8 46.2

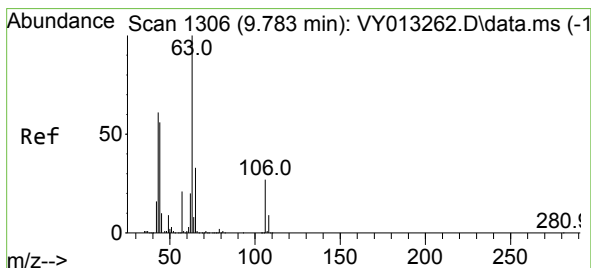
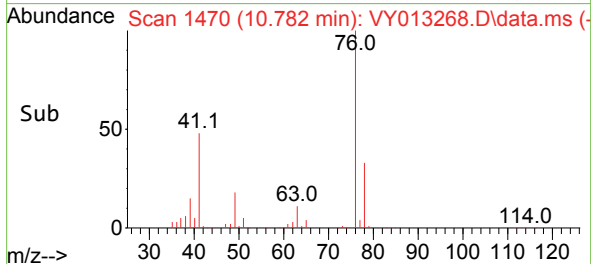
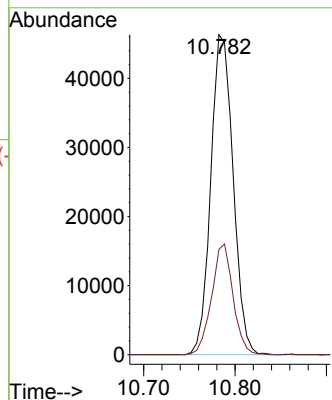
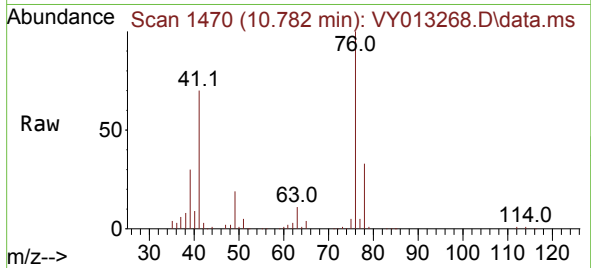




#57
 1,3-Dichloropropane
 Concen: 20.065 ug/l
 RT: 10.782 min Scan# 1470
 Delta R.T. -0.006 min
 Lab File: VY013268.D
 Acq: 12 Apr 2023 15:40

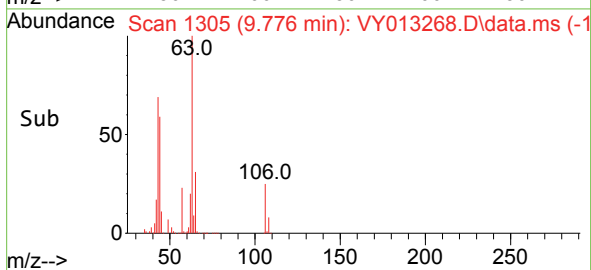
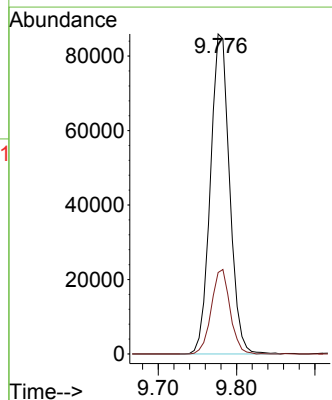
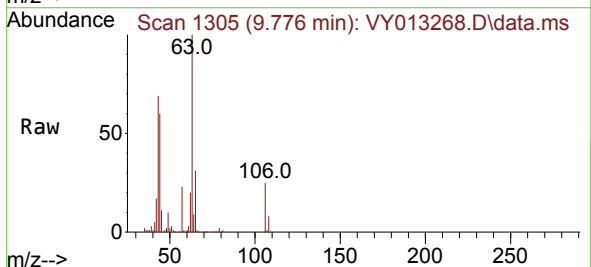
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0412SBS01

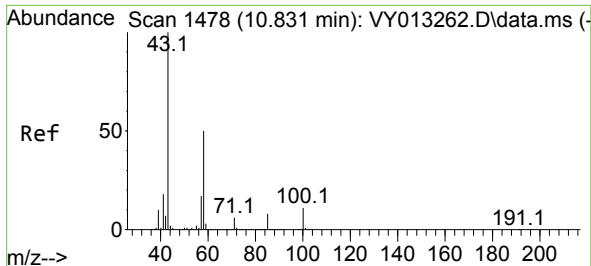
Tgt Ion: 76 Resp: 78674
 Ion Ratio Lower Upper
 76 100
 78 33.1 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 110.800 ug/l
 RT: 9.776 min Scan# 1305
 Delta R.T. -0.006 min
 Lab File: VY013268.D
 Acq: 12 Apr 2023 15:40

Tgt Ion: 63 Resp: 146033
 Ion Ratio Lower Upper
 63 100
 106 25.8 22.1 33.1

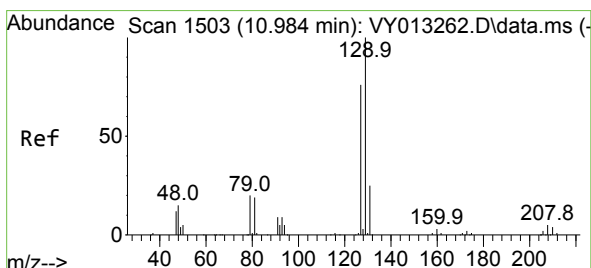
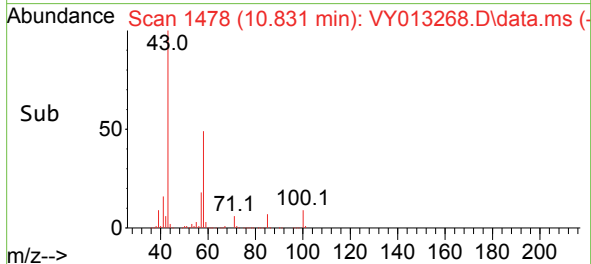
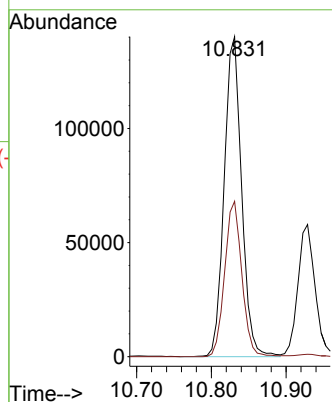
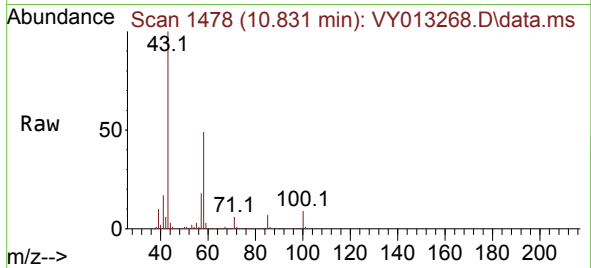




#59
2-Hexanone
Concen: 111.206 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY013268.D
Acq: 12 Apr 2023 15:40

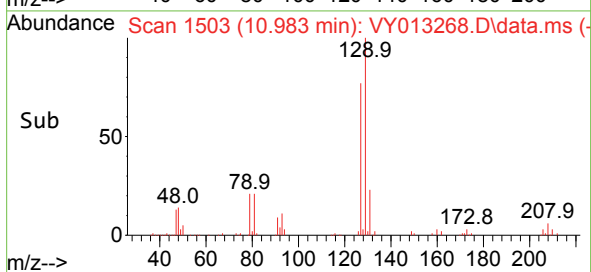
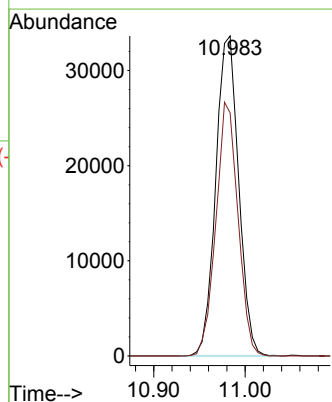
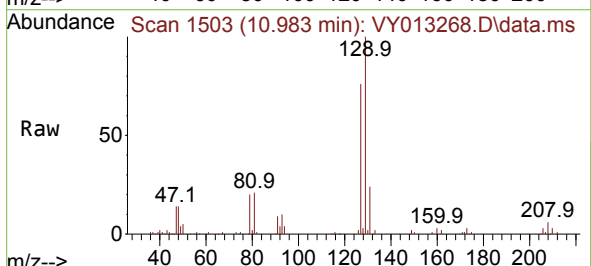
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

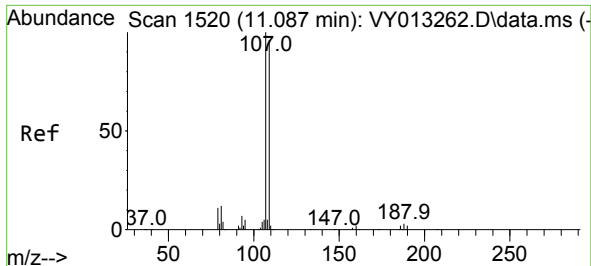
Tgt Ion: 43 Resp: 227850
Ion Ratio Lower Upper
43 100
58 47.9 25.9 77.8



#60
Dibromochloromethane
Concen: 20.259 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY013268.D
Acq: 12 Apr 2023 15:40

Tgt Ion: 129 Resp: 58561
Ion Ratio Lower Upper
129 100
127 76.3 38.7 116.1

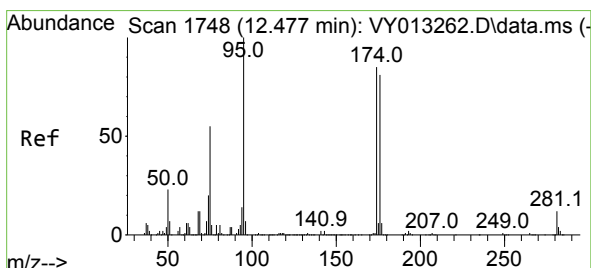
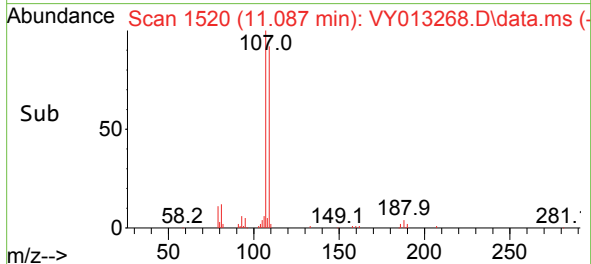
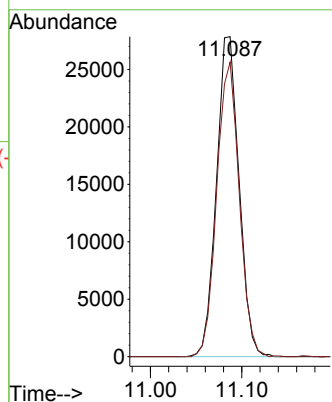
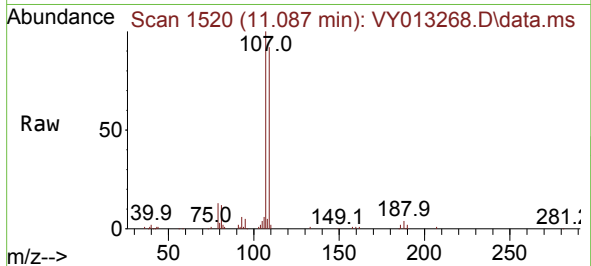




#61
1,2-Dibromoethane
Concen: 21.321 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY013268.D
Acq: 12 Apr 2023 15:40

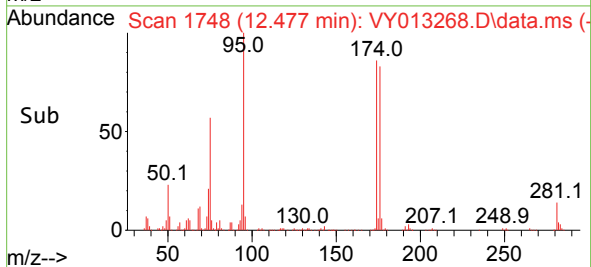
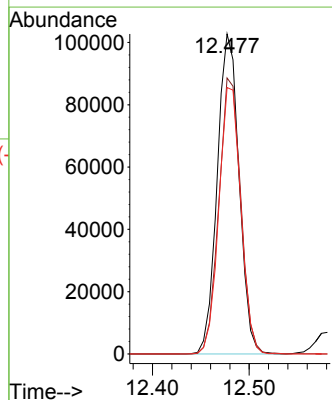
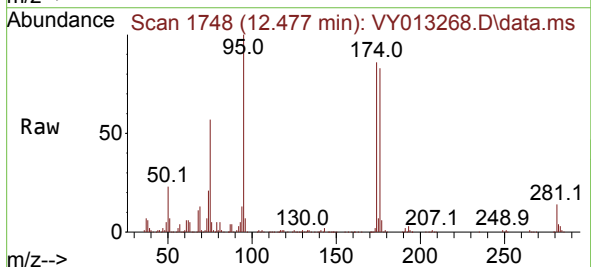
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

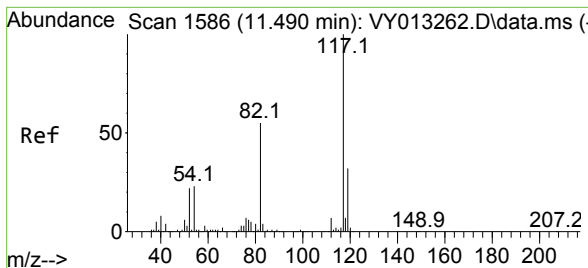
Tgt Ion:107 Resp: 47862
Ion Ratio Lower Upper
107 100
109 92.0 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 52.042 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013268.D
Acq: 12 Apr 2023 15:40

Tgt Ion: 95 Resp: 160663
Ion Ratio Lower Upper
95 100
174 86.7 0.0 176.6
176 83.9 0.0 170.2

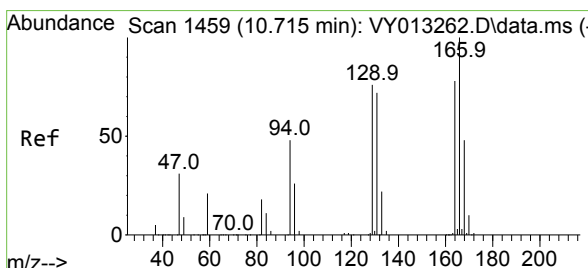
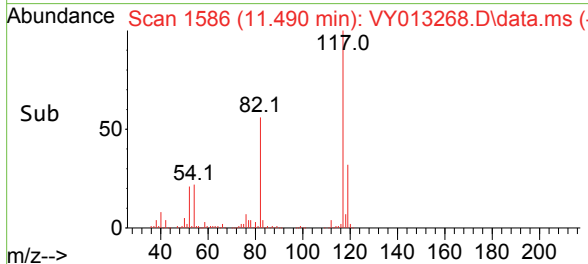
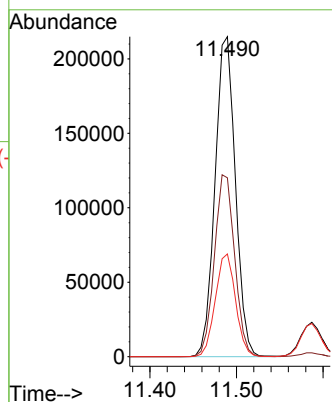
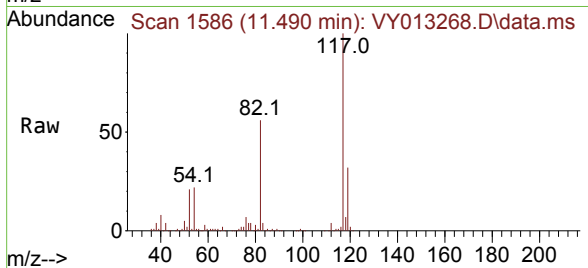




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY013268.D
Acq: 12 Apr 2023 15:40

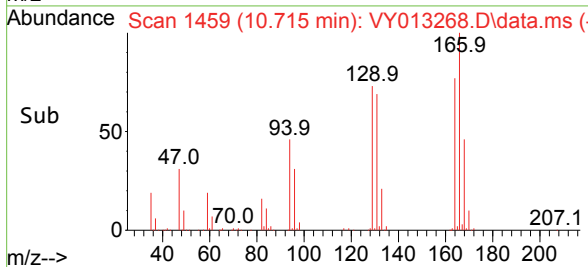
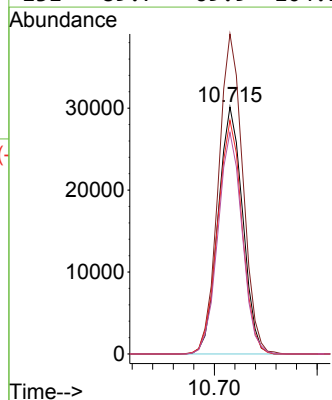
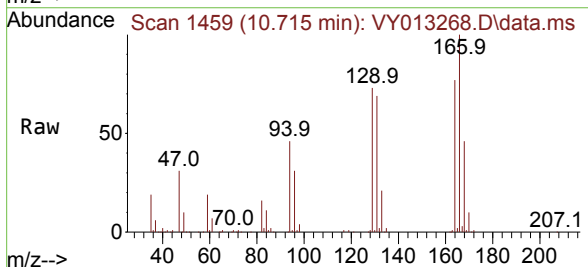
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

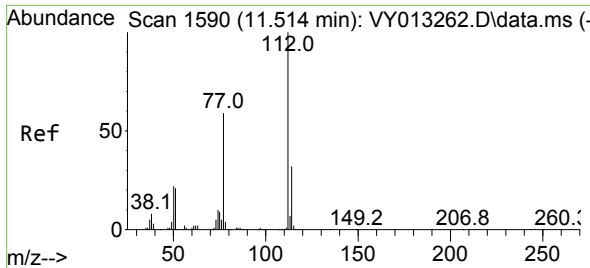
Tgt Ion:117 Resp: 350981
Ion Ratio Lower Upper
117 100
82 55.9 45.4 68.0
119 32.1 25.6 38.4



#64
Tetrachloroethene
Concen: 20.160 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY013268.D
Acq: 12 Apr 2023 15:40

Tgt Ion:164 Resp: 49918
Ion Ratio Lower Upper
164 100
166 129.5 103.4 155.2
129 94.5 71.4 107.2
131 89.7 69.9 104.9

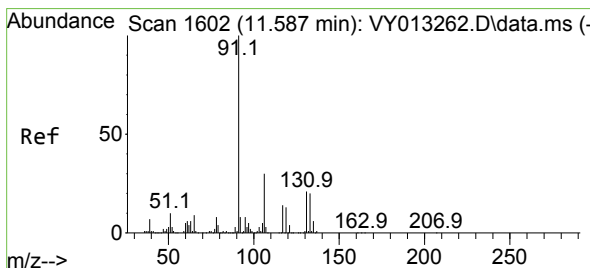
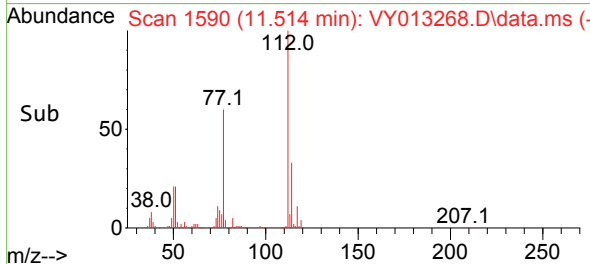
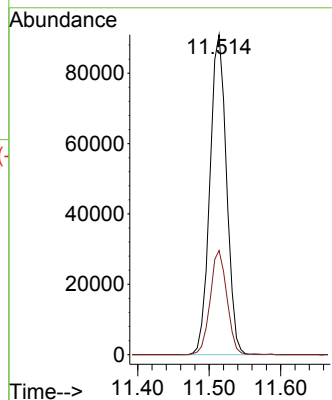
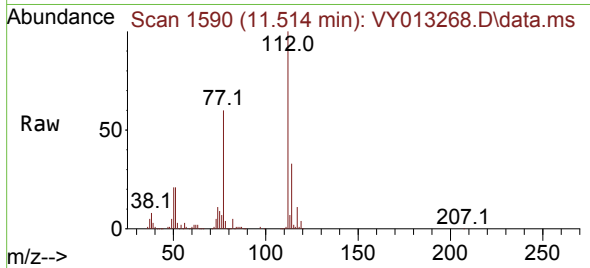




#65
Chlorobenzene
Concen: 20.008 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013268.D
Acq: 12 Apr 2023 15:40

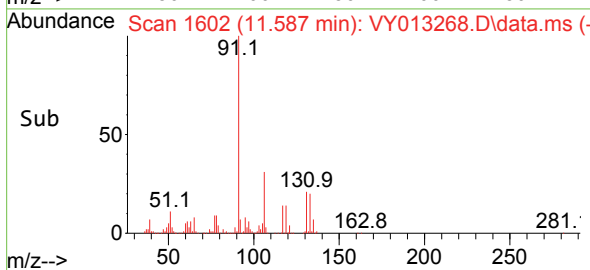
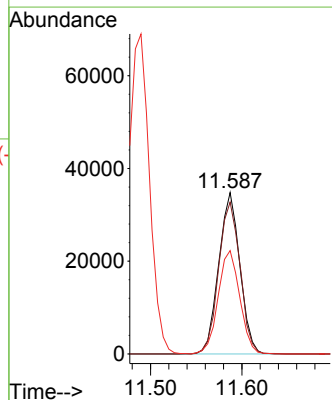
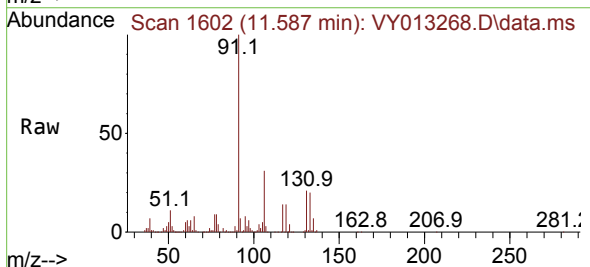
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

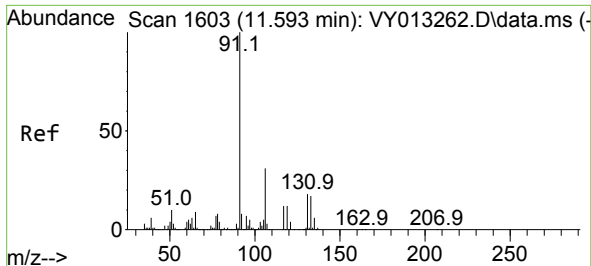
Tgt Ion:112 Resp: 146901
Ion Ratio Lower Upper
112 100
114 32.6 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.308 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY013268.D
Acq: 12 Apr 2023 15:40

Tgt Ion:131 Resp: 55956
Ion Ratio Lower Upper
131 100
133 95.8 48.0 144.0
119 65.6 32.6 98.0





#67

Ethyl Benzene

Concen: 20.265 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY013268.D

Acq: 12 Apr 2023 15:40

Instrument :

MSVOA_Y

ClientSampleId :

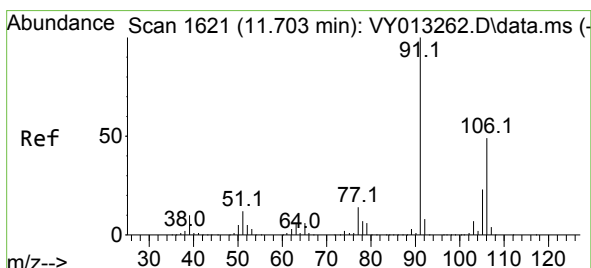
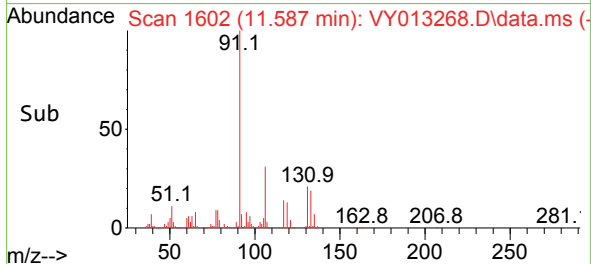
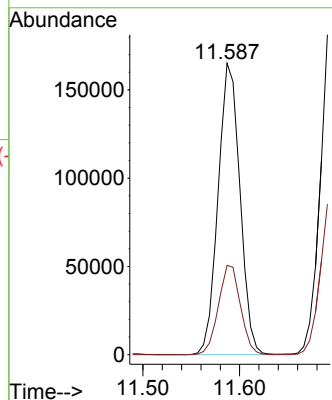
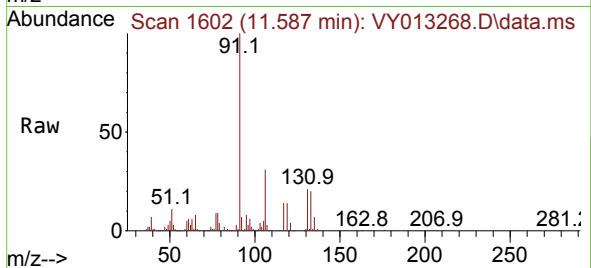
VY0412SBS01

Tgt Ion: 91 Resp: 259136

Ion Ratio Lower Upper

91 100

106 30.7 25.1 37.7



#68

m/p-Xylenes

Concen: 41.194 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY013268.D

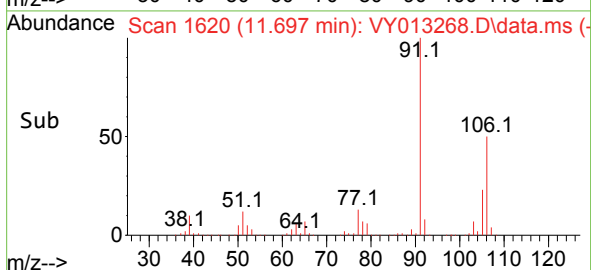
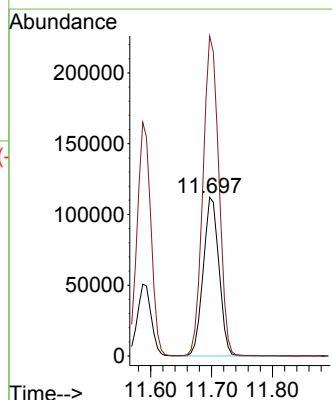
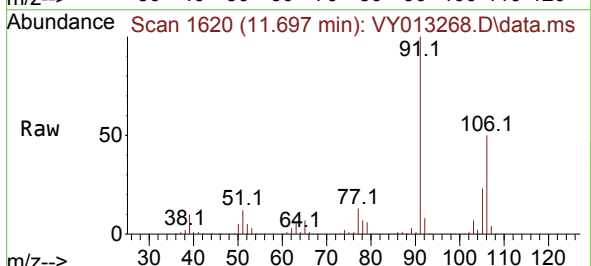
Acq: 12 Apr 2023 15:40

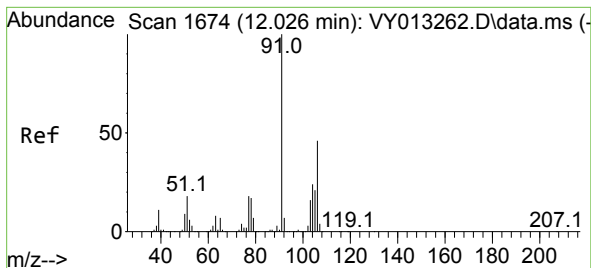
Tgt Ion: 106 Resp: 201548

Ion Ratio Lower Upper

106 100

91 203.1 159.8 239.8

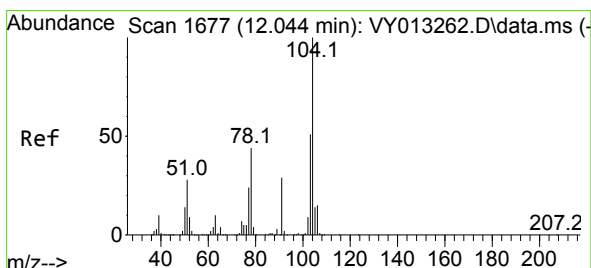
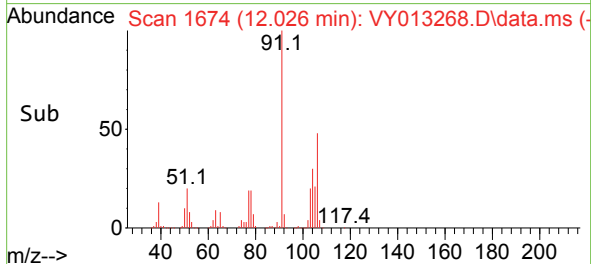
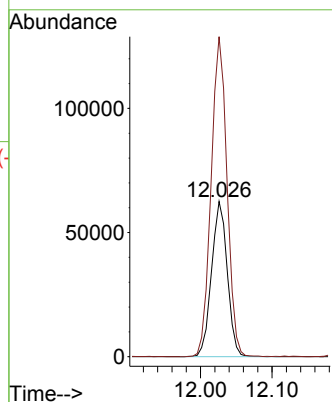
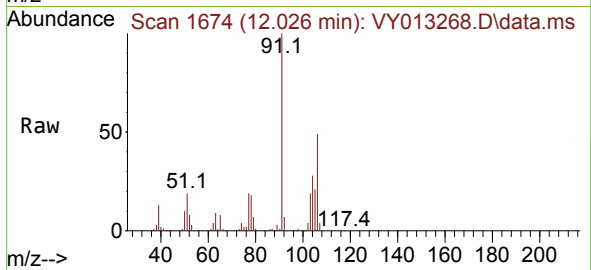




#69
o-Xylene
Concen: 21.041 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY013268.D
Acq: 12 Apr 2023 15:40

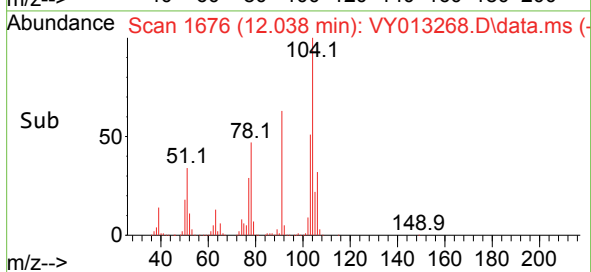
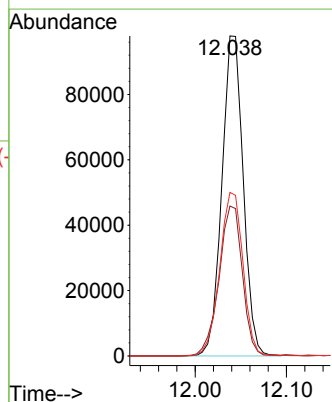
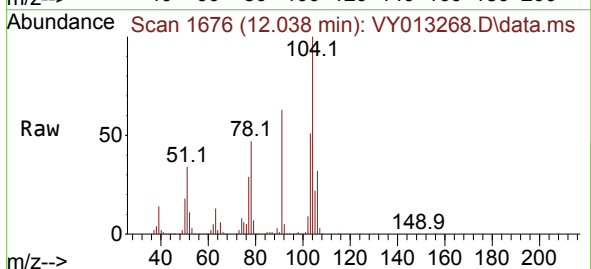
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

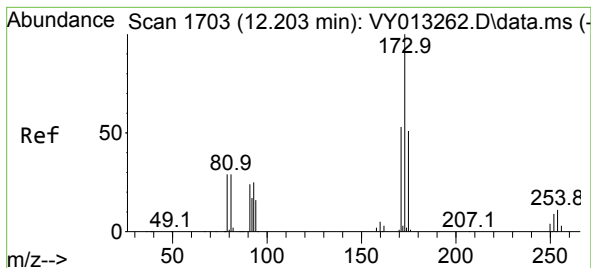
Tgt Ion:106 Resp: 95346
Ion Ratio Lower Upper
106 100
91 208.7 107.2 321.6



#70
Styrene
Concen: 20.790 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY013268.D
Acq: 12 Apr 2023 15:40

Tgt Ion:104 Resp: 159111
Ion Ratio Lower Upper
104 100
78 51.3 39.2 58.8
103 56.0 43.7 65.5





#71

Bromoform

Concen: 20.733 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013268.D

Acq: 12 Apr 2023 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0412SBS01

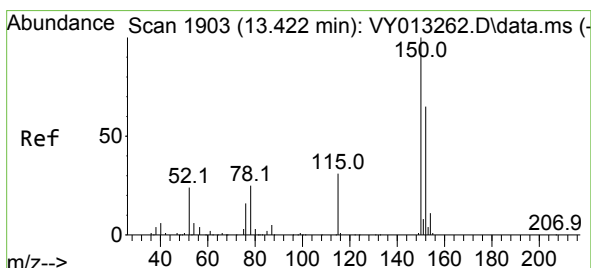
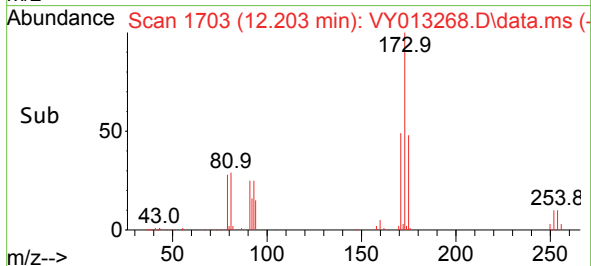
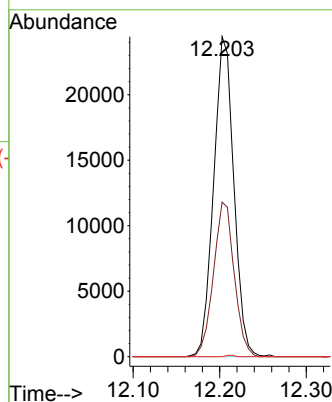
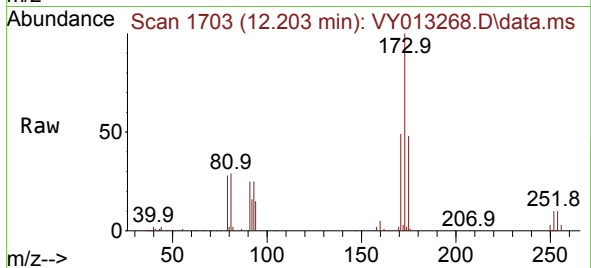
Tgt Ion:173 Resp: 39576

Ion Ratio Lower Upper

173 100

175 49.6 25.0 75.0

254 0.2 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: VY013268.D

Acq: 12 Apr 2023 15:40

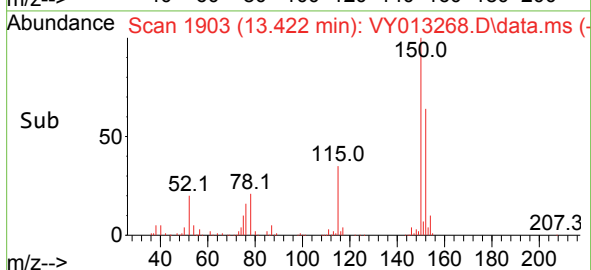
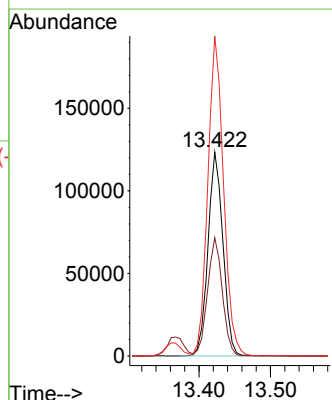
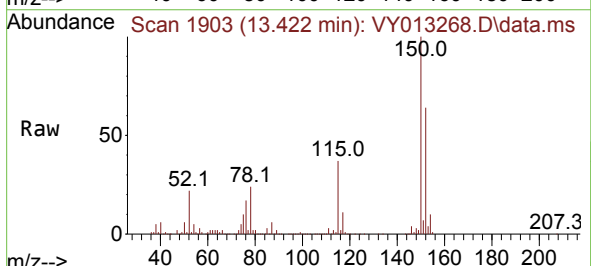
Tgt Ion:152 Resp: 179543

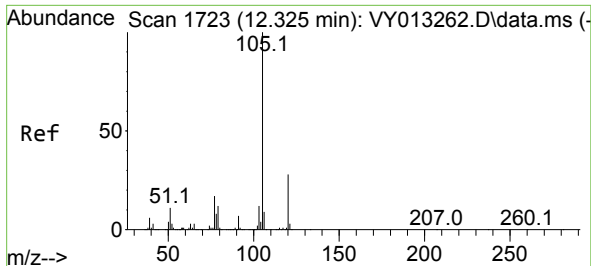
Ion Ratio Lower Upper

152 100

115 57.4 27.1 81.3

150 164.2 0.0 347.8

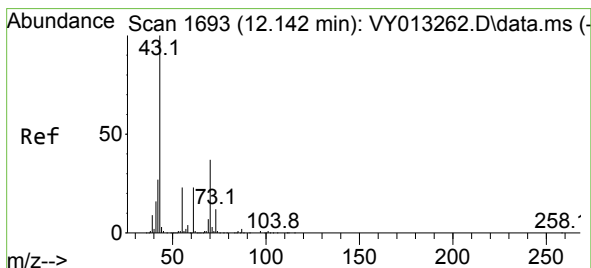
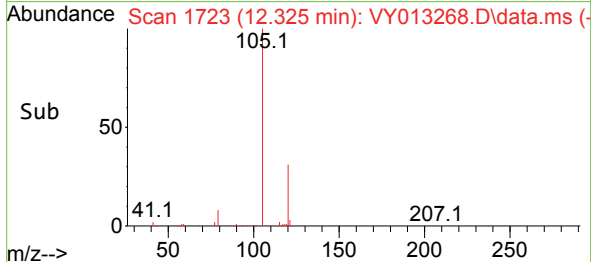
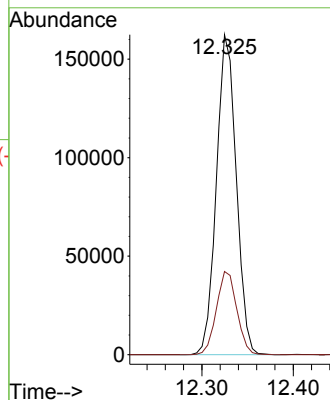
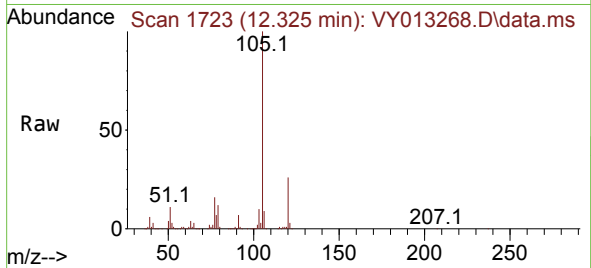




#73
Isopropylbenzene
Concen: 19.887 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013268.D
Acq: 12 Apr 2023 15:40

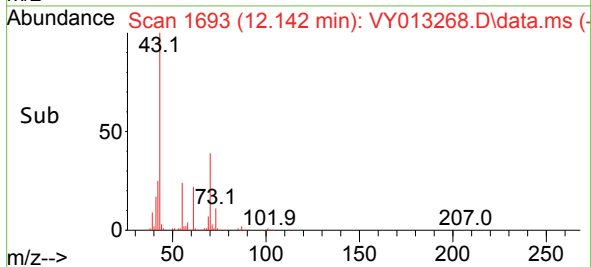
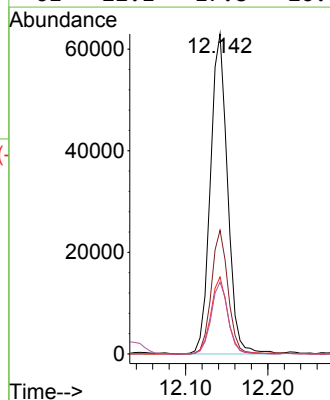
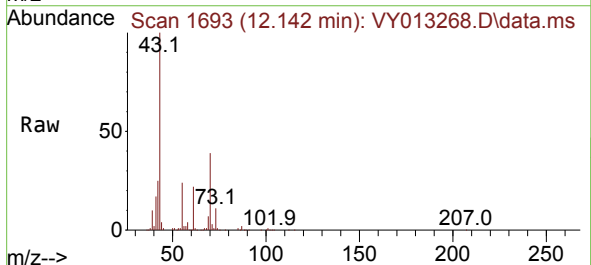
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

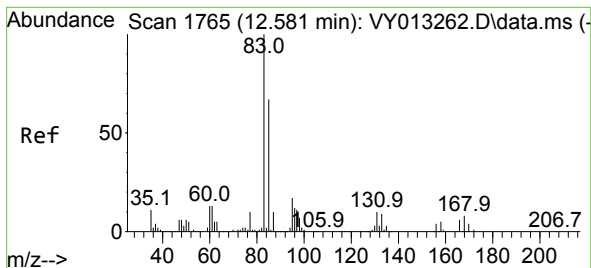
Tgt Ion:105 Resp: 244912
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.2



#74
N-ethyl acetate
Concen: 20.873 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013268.D
Acq: 12 Apr 2023 15:40

Tgt Ion: 43 Resp: 91711
Ion Ratio Lower Upper
43 100
70 37.5 31.6 47.4
55 23.6 18.8 28.2
61 22.1 17.8 26.8





#75

1,1,2-Tetrachloroethane

Concen: 20.771 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY013268.D

Acq: 12 Apr 2023 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0412SBS01

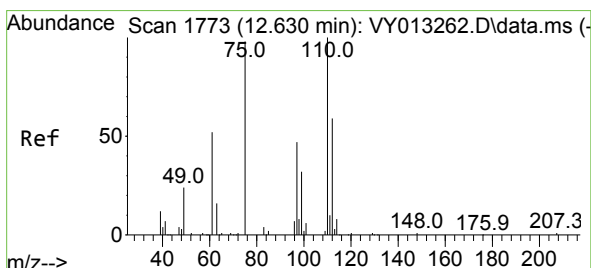
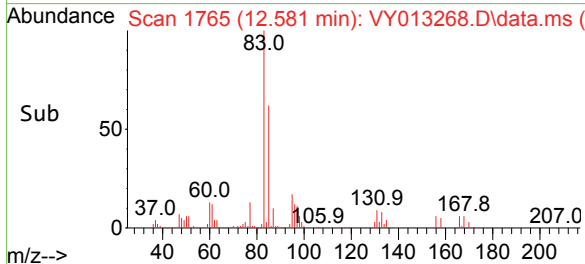
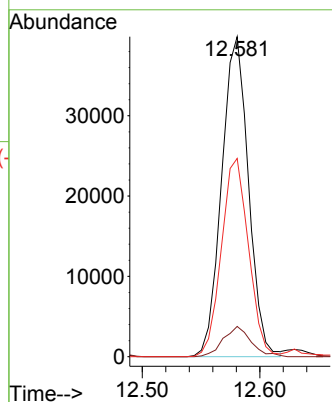
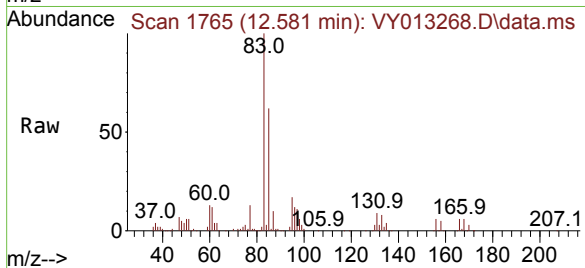
Tgt Ion: 83 Resp: 63194

Ion Ratio Lower Upper

83 100

131 9.8 5.1 15.2

85 62.7 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 36.372 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY013268.D

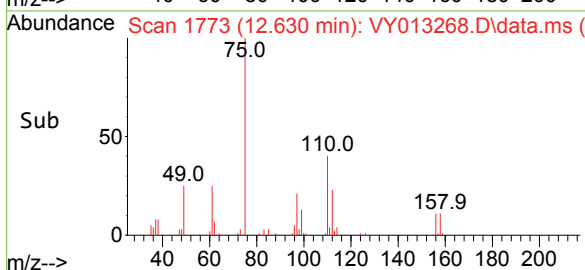
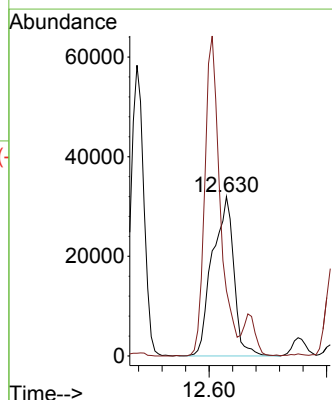
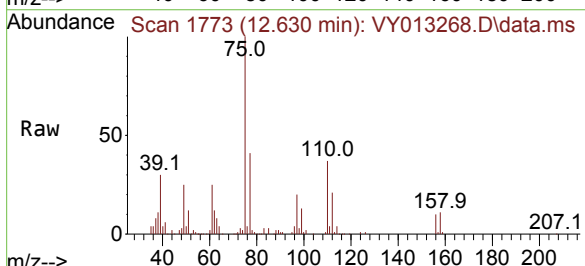
Acq: 12 Apr 2023 15:40

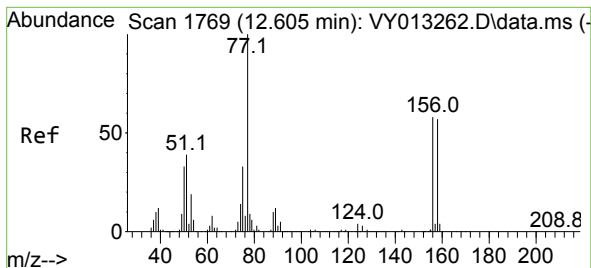
Tgt Ion: 75 Resp: 81373

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.612 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY013268.D

Acq: 12 Apr 2023 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0412SBS01

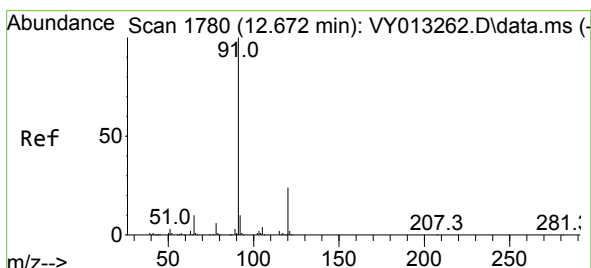
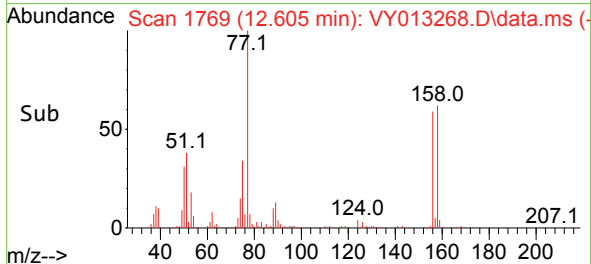
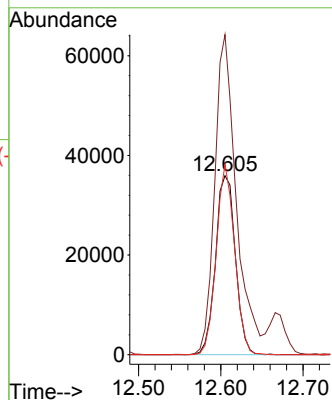
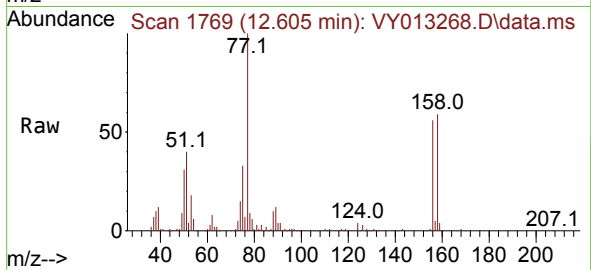
Tgt Ion:156 Resp: 60400

Ion Ratio Lower Upper

156 100

77 193.1 94.0 282.1

158 98.4 48.1 144.4



#78

n-propylbenzene

Concen: 20.296 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY013268.D

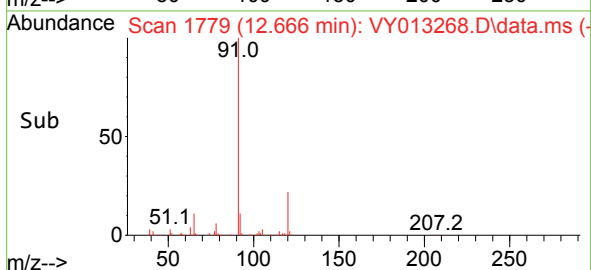
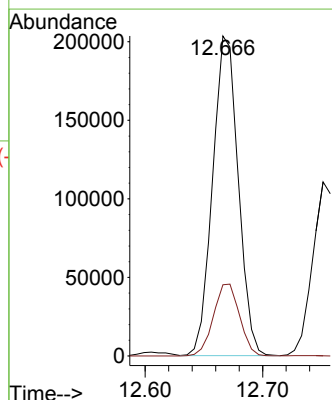
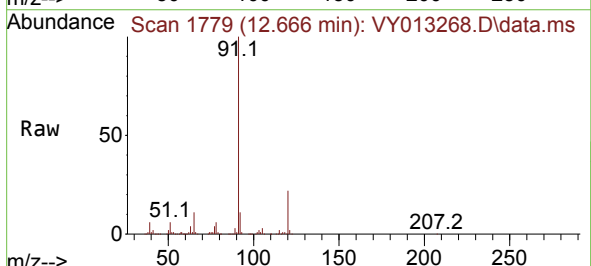
Acq: 12 Apr 2023 15:40

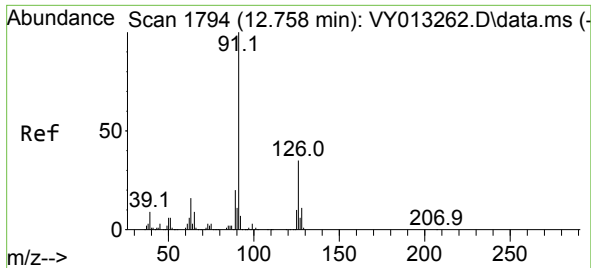
Tgt Ion: 91 Resp: 308707

Ion Ratio Lower Upper

91 100

120 22.9 11.6 34.8

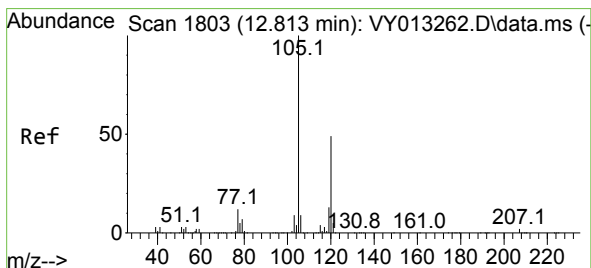
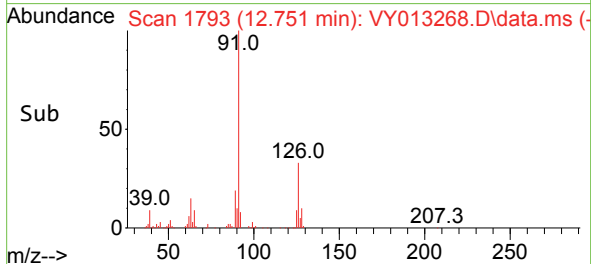
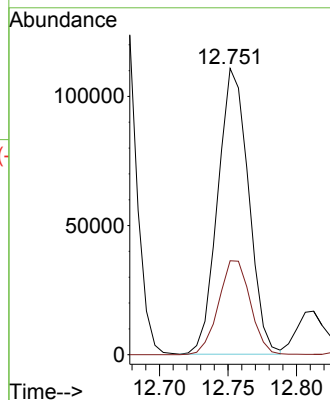
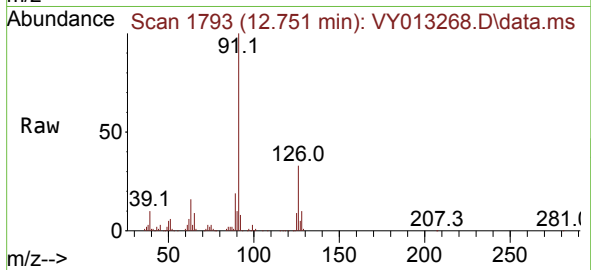




#79
2-Chlorotoluene
Concen: 20.244 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VY013268.D
Acq: 12 Apr 2023 15:40

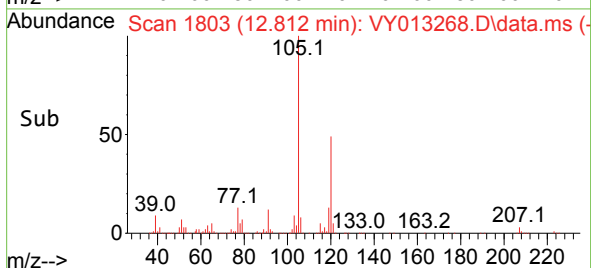
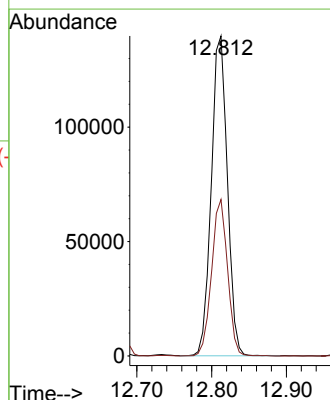
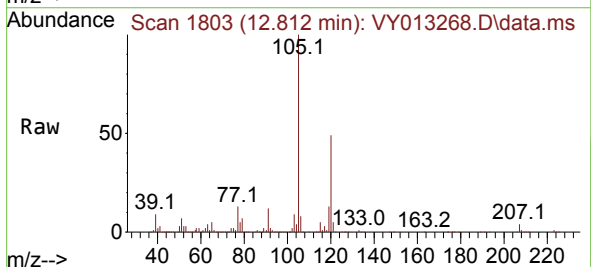
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

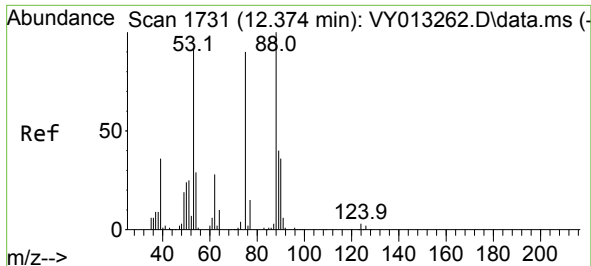
Tgt Ion: 91 Resp: 173320
Ion Ratio Lower Upper
91 100
126 34.0 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 20.216 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY013268.D
Acq: 12 Apr 2023 15:40

Tgt Ion: 105 Resp: 208538
Ion Ratio Lower Upper
105 100
120 48.7 24.8 74.4

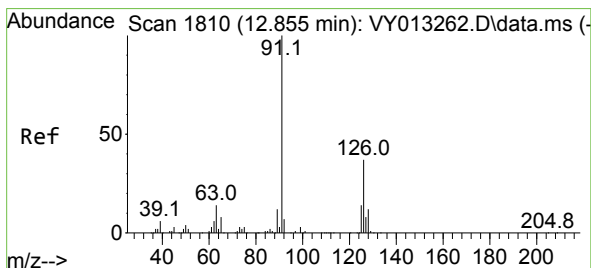
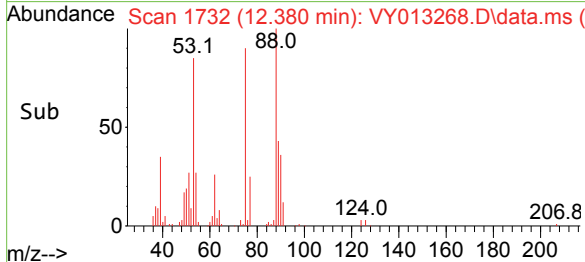
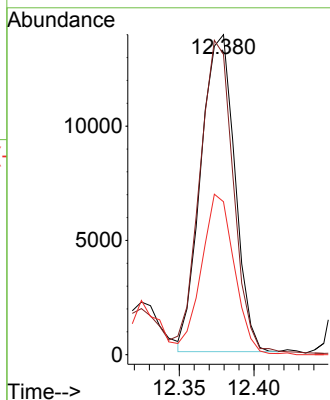
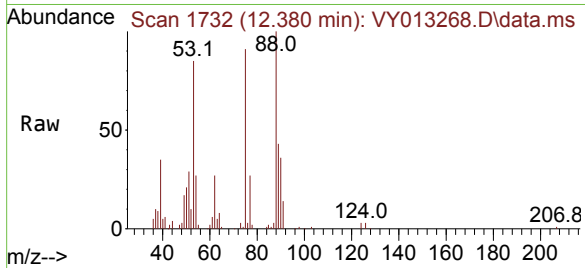




#81
trans-1,4-Dichloro-2-butene
Concen: 20.239 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.006 min
Lab File: VY013268.D
Acq: 12 Apr 2023 15:40

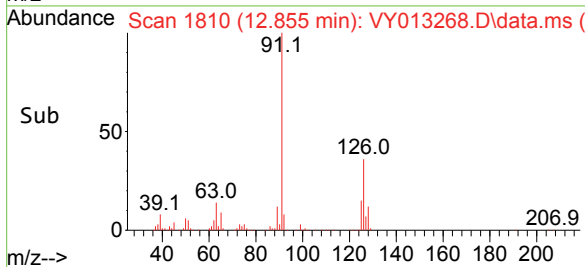
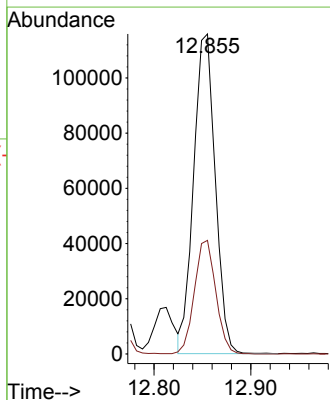
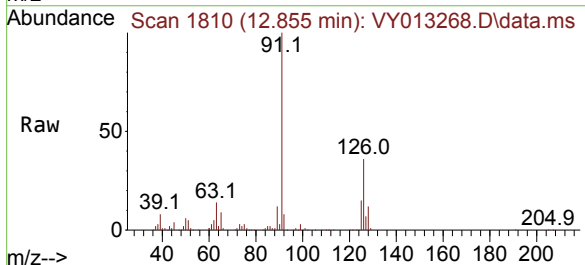
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

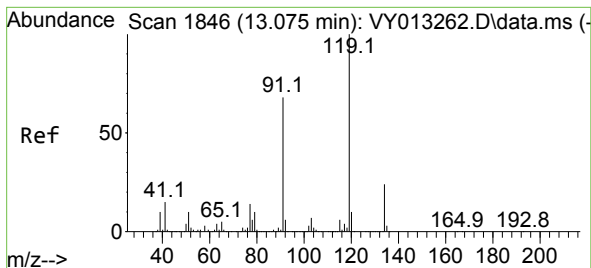
Tgt Ion: 75 Resp: 21816
Ion Ratio Lower Upper
75 100
53 100.6 73.4 110.0
89 49.5 36.6 55.0



#82
4-Chlorotoluene
Concen: 19.945 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY013268.D
Acq: 12 Apr 2023 15:40

Tgt Ion: 91 Resp: 180022
Ion Ratio Lower Upper
91 100
126 35.3 17.7 53.1





#83

tert-Butylbenzene

Concen: 20.307 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY013268.D

Acq: 12 Apr 2023 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0412SBS01

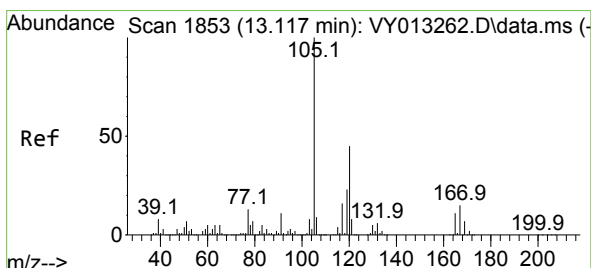
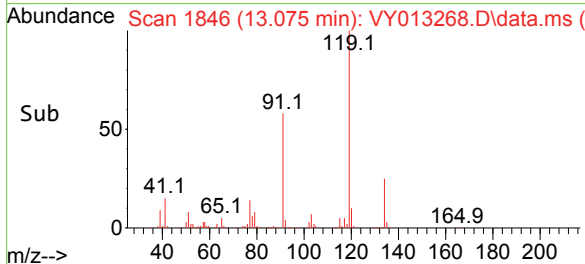
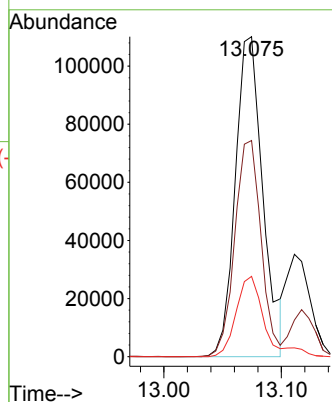
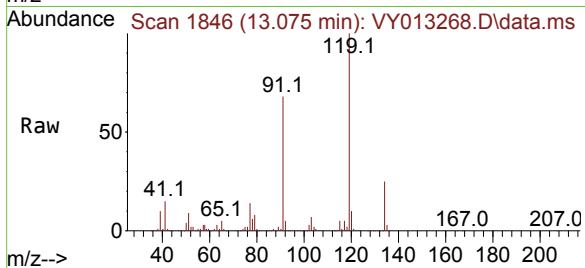
Tgt Ion:119 Resp: 179744

Ion Ratio Lower Upper

119 100

91 64.7 32.8 98.3

134 25.8 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 20.358 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY013268.D

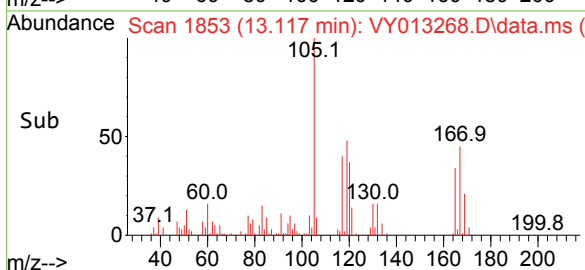
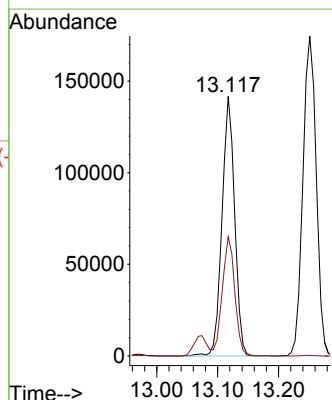
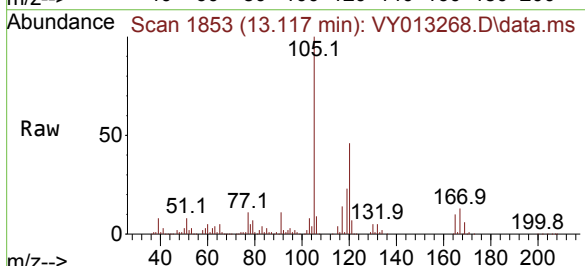
Acq: 12 Apr 2023 15:40

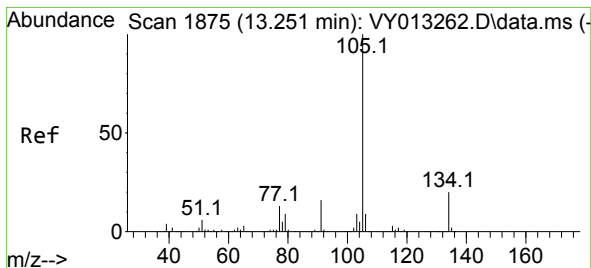
Tgt Ion:105 Resp: 204387

Ion Ratio Lower Upper

105 100

120 44.8 23.0 69.0





#85

sec-Butylbenzene

Concen: 20.064 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY013268.D

Acq: 12 Apr 2023 15:40

Instrument :

MSVOA_Y

ClientSampleId :

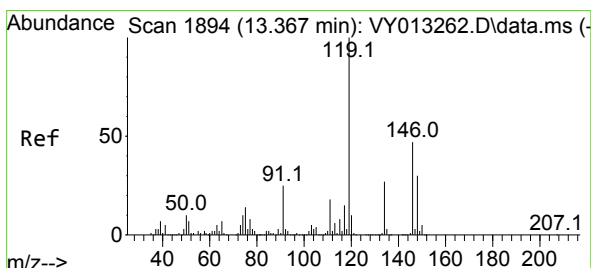
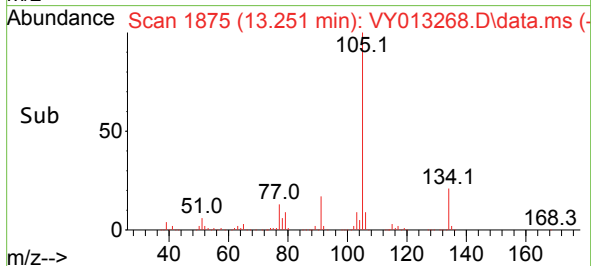
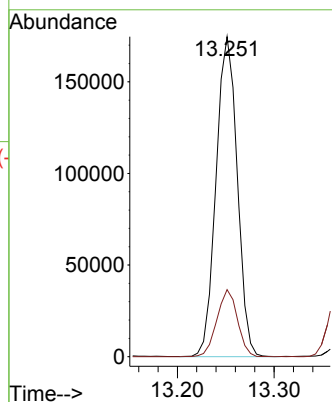
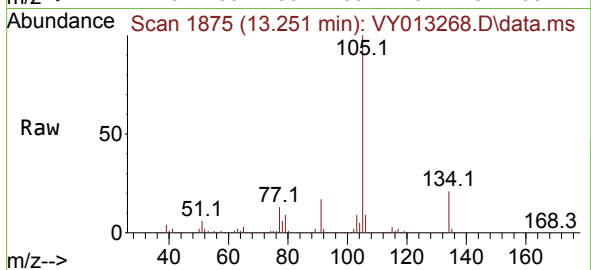
VY0412SBS01

Tgt Ion:105 Resp: 265584

Ion Ratio Lower Upper

105 100

134 20.4 10.4 31.1



#86

p-Isopropyltoluene

Concen: 20.258 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY013268.D

Acq: 12 Apr 2023 15:40

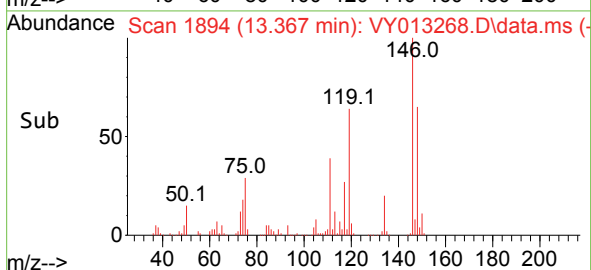
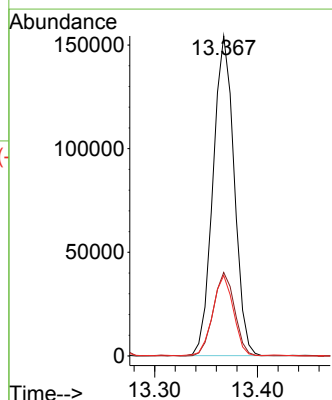
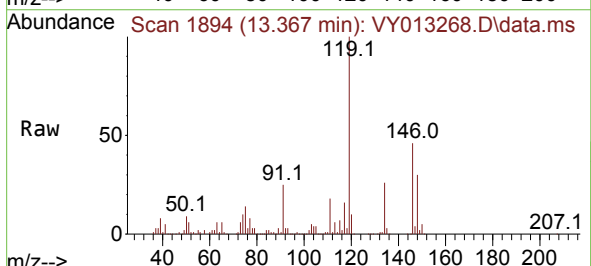
Tgt Ion:119 Resp: 220036

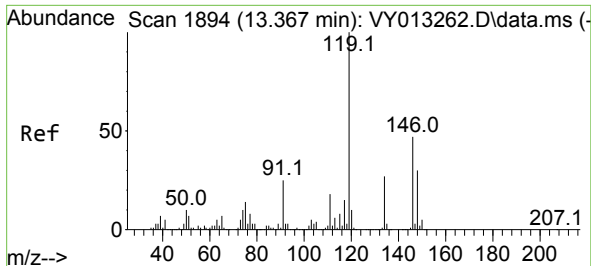
Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.6

91 24.4 11.8 35.3

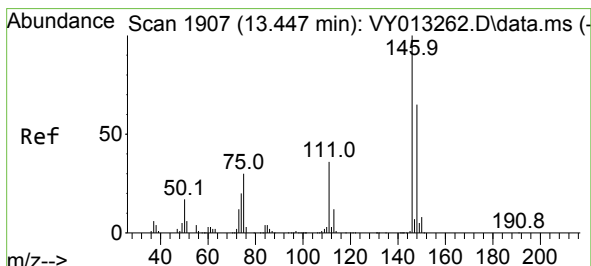
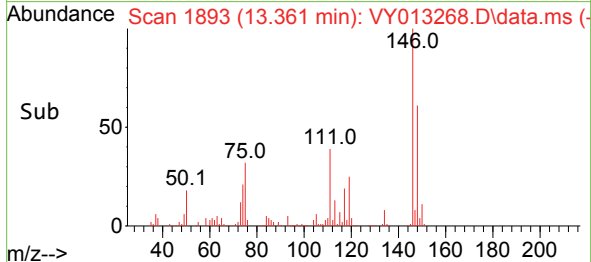
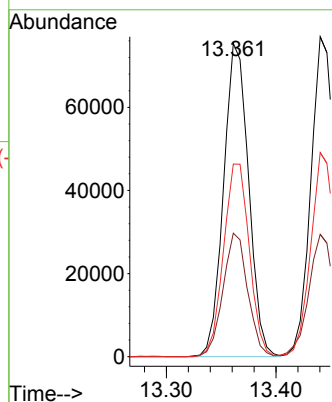
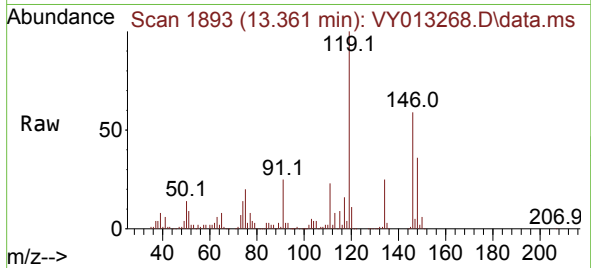




#87
 1,3-Dichlorobenzene
 Concen: 20.121 ug/l
 RT: 13.361 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY013268.D
 Acq: 12 Apr 2023 15:40

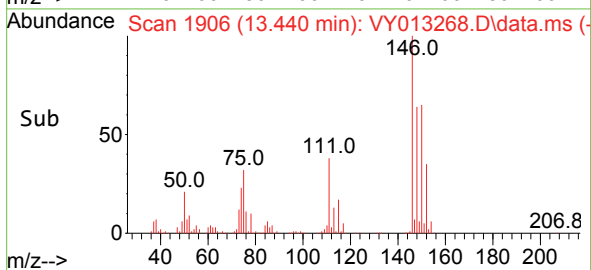
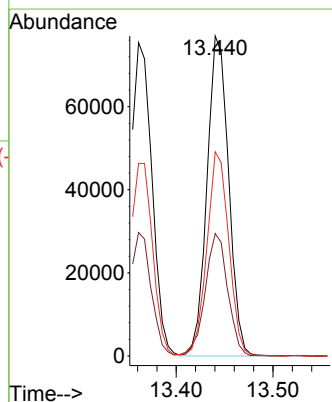
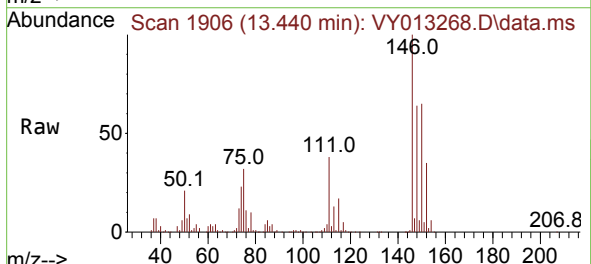
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0412SBS01

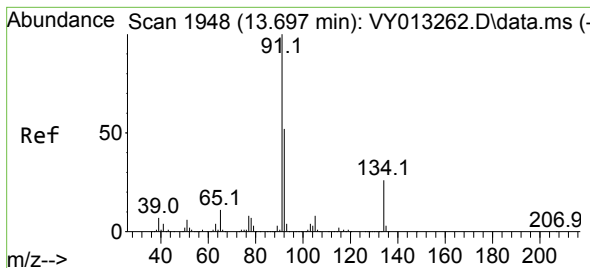
Tgt Ion:146 Resp: 119448
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.1 57.5
 148 63.5 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 19.970 ug/l
 RT: 13.440 min Scan# 1906
 Delta R.T. -0.006 min
 Lab File: VY013268.D
 Acq: 12 Apr 2023 15:40

Tgt Ion:146 Resp: 119804
 Ion Ratio Lower Upper
 146 100
 111 40.0 18.6 55.8
 148 64.5 31.5 94.5





#89

n-Butylbenzene

Concen: 20.252 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY013268.D

Acq: 12 Apr 2023 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0412SBS01

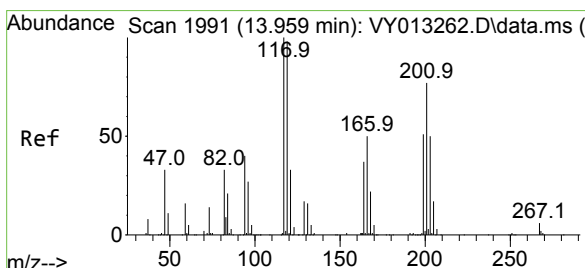
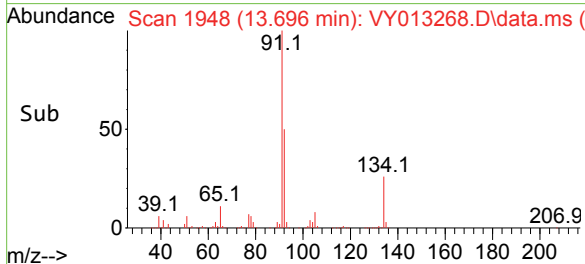
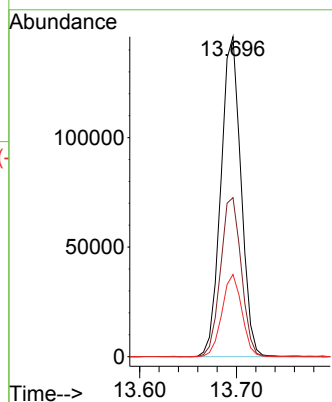
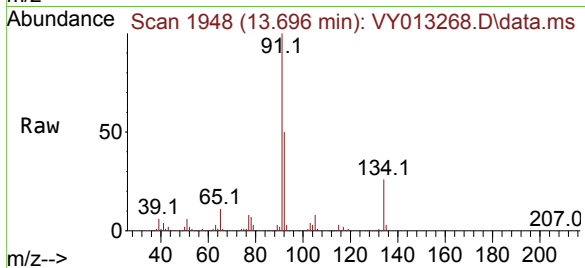
Tgt Ion: 91 Resp: 210392

Ion Ratio Lower Upper

91 100

92 51.4 26.4 79.0

134 25.4 13.0 38.9



#90

Hexachloroethane

Concen: 19.792 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY013268.D

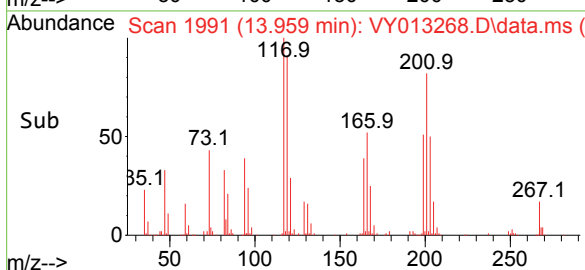
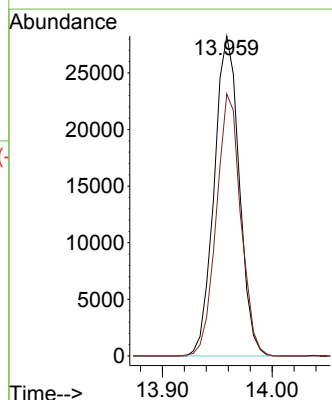
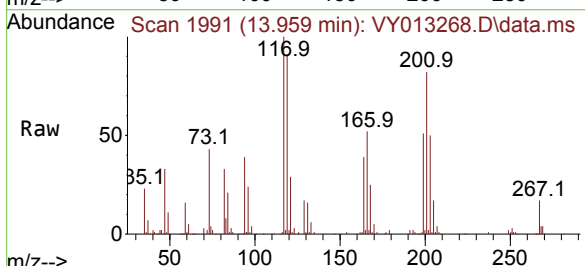
Acq: 12 Apr 2023 15:40

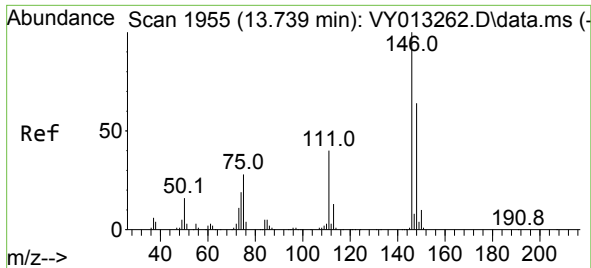
Tgt Ion: 117 Resp: 44825

Ion Ratio Lower Upper

117 100

201 80.1 39.4 118.1

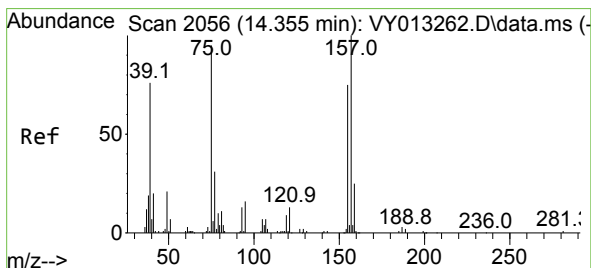
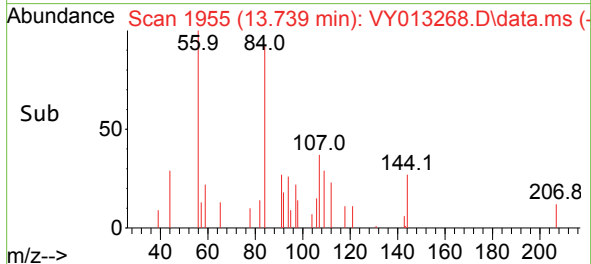
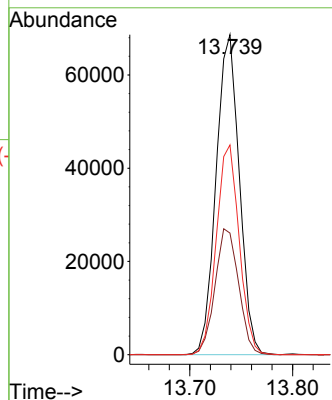
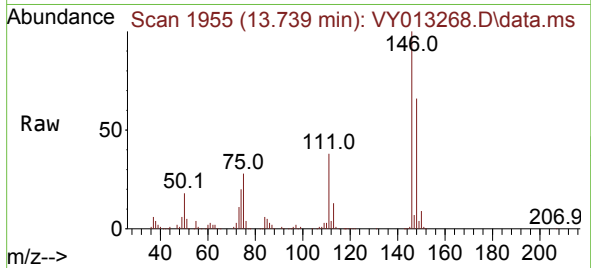




#91
 1,2-Dichlorobenzene
 Concen: 19.942 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. -0.000 min
 Lab File: VY013268.D
 Acq: 12 Apr 2023 15:40

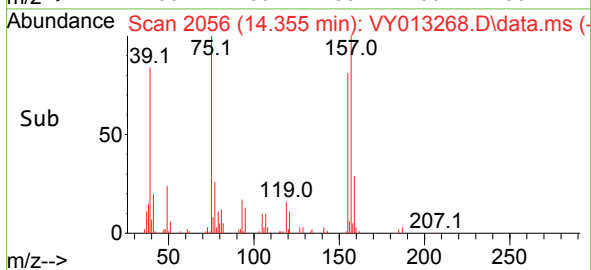
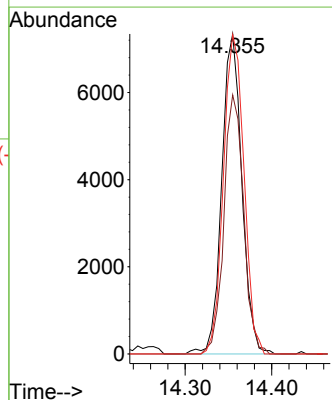
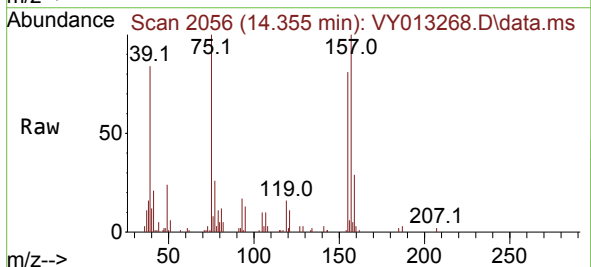
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0412SBS01

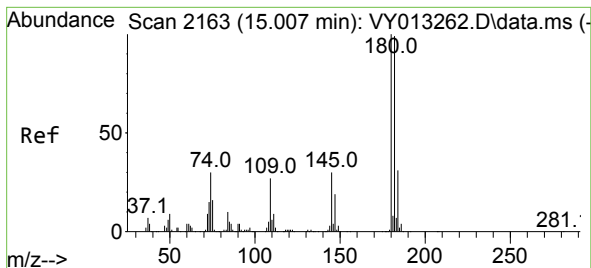
Tgt Ion:146 Resp: 107730
 Ion Ratio Lower Upper
 146 100
 111 40.1 19.7 59.1
 148 64.8 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.365 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.000 min
 Lab File: VY013268.D
 Acq: 12 Apr 2023 15:40

Tgt Ion: 75 Resp: 11804
 Ion Ratio Lower Upper
 75 100
 155 79.6 43.8 131.4
 157 102.3 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 20.697 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY013268.D

Acq: 12 Apr 2023 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0412SBS01

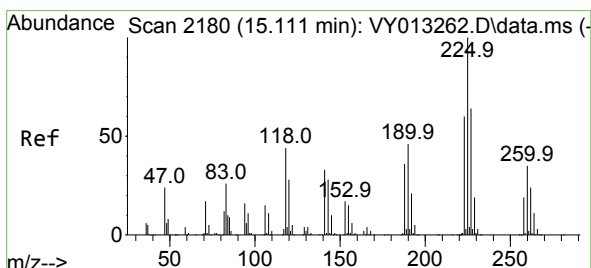
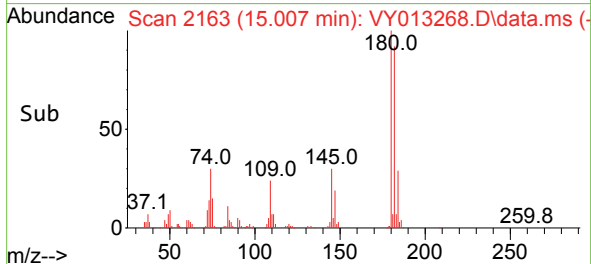
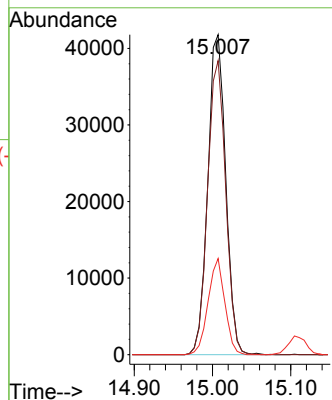
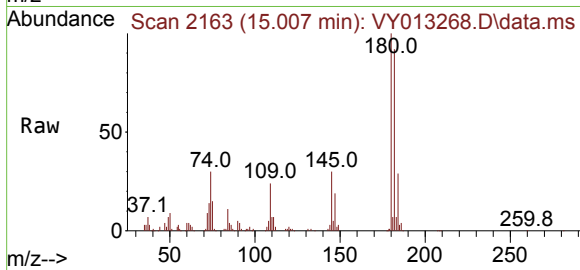
Tgt Ion:180 Resp: 66452

Ion Ratio Lower Upper

180 100

182 92.9 46.7 140.1

145 28.0 14.6 43.8



#94

Hexachlorobutadiene

Concen: 20.449 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013268.D

Acq: 12 Apr 2023 15:40

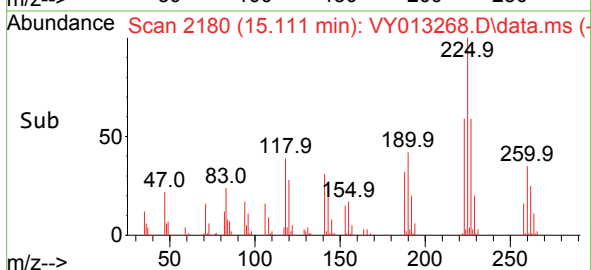
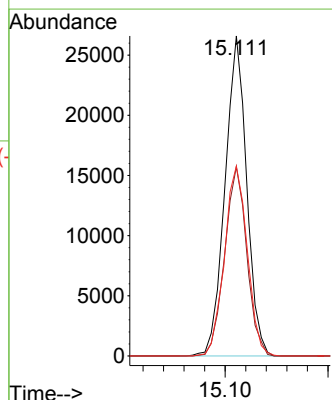
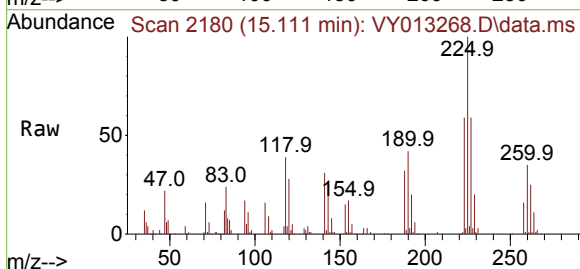
Tgt Ion:225 Resp: 38877

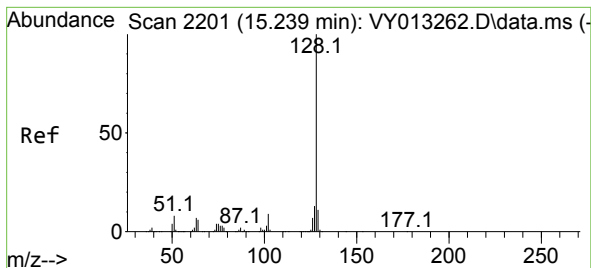
Ion Ratio Lower Upper

225 100

223 60.4 31.1 93.3

227 62.5 32.4 97.0





#95

Naphthalene

Concen: 20.098 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY013268.D

Acq: 12 Apr 2023 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0412SBS01

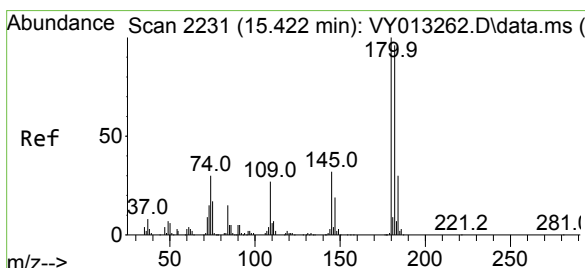
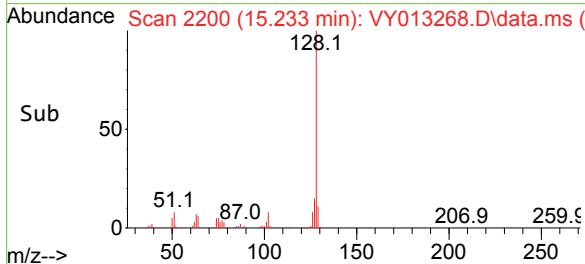
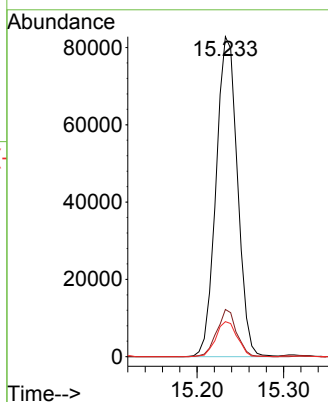
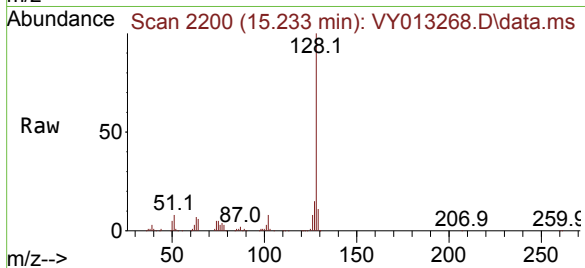
Tgt Ion:128 Resp: 142111

Ion Ratio Lower Upper

128 100

127 13.7 10.3 15.5

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.482 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013268.D

Acq: 12 Apr 2023 15:40

Tgt Ion:180 Resp: 59912

Ion Ratio Lower Upper

180 100

182 95.6 47.4 142.3

145 30.6 15.3 45.8

