

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033123\
 Data File : VY013159.D
 Acq On : 31 Mar 2023 11:37
 Operator : KP/MD
 Sample : VY0331SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBS01

Quant Time: Apr 01 00:06:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 31 05:07:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	135776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	202976	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	184773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94491	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	72755	49.861	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.720%
35) Dibromofluoromethane	7.716	113	66447	50.112	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.220%
50) Toluene-d8	10.179	98	251158	50.174	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.340%
62) 4-Bromofluorobenzene	12.483	95	84378	51.785	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.580%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	27450	20.623	ug/l	97
3) Chloromethane	2.113	50	25009	18.018	ug/l	96
4) Vinyl Chloride	2.253	62	24585	17.666	ug/l	98
5) Bromomethane	2.643	94	17789	18.113	ug/l	99
6) Chloroethane	2.790	64	15932	18.276	ug/l	97
7) Trichlorofluoromethane	3.125	101	49935	20.161	ug/l	98
8) Diethyl Ether	3.527	74	15407	19.810	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.893	101	26459	19.377	ug/l	95
10) Methyl Iodide	4.094	142	35038	19.705	ug/l	99
11) Tert butyl alcohol	4.954	59	15683	119.250	ug/l	96
12) 1,1-Dichloroethene	3.869	96	25934	19.647	ug/l	95
13) Acrolein	3.723	56	17842	96.675	ug/l	99
14) Allyl chloride	4.479	41	40930	18.198	ug/l	93
15) Acrylonitrile	5.161	53	38955	100.795	ug/l	98
16) Acetone	3.948	43	40221	90.143	ug/l	93
17) Carbon Disulfide	4.192	76	84264	19.168	ug/l	100
18) Methyl Acetate	4.479	43	28490	20.265	ug/l	97
19) Methyl tert-butyl Ether	5.222	73	68434	20.459	ug/l	99
20) Methylene Chloride	4.710	84	33351	18.241	ug/l	98
21) trans-1,2-Dichloroethene	5.216	96	29290	19.694	ug/l	96
22) Diisopropyl ether	6.118	45	85402	19.435	ug/l	98
23) Vinyl Acetate	6.057	43	250539	100.262	ug/l	99
24) 1,1-Dichloroethane	6.015	63	49718	19.104	ug/l	98
25) 2-Butanone	6.984	43	54905	98.411	ug/l	98
26) 2,2-Dichloropropane	6.984	77	45387	19.390	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	31746	19.813	ug/l	97
28) Bromochloromethane	7.332	49	21023	18.826	ug/l	90
29) Tetrahydrofuran	7.350	42	33864	102.535	ug/l	96
30) Chloroform	7.508	83	51781	19.214	ug/l	99
31) Cyclohexane	7.783	56	45088	18.927	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	47412	19.898	ug/l	99
36) 1,1-Dichloropropene	7.917	75	40298	20.188	ug/l	99
37) Ethyl Acetate	7.069	43	23670	20.874	ug/l	99
38) Carbon Tetrachloride	7.899	117	44414	20.165	ug/l	98
39) Methylcyclohexane	9.185	83	47256	20.179	ug/l	96
40) Benzene	8.161	78	114345	19.833	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	32112	63.834	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	35862	20.302	ug/l	99
43) Isopropyl Acetate	8.271	43	41047	20.223	ug/l	97
44) Trichloroethene	8.941	130	32026	20.178	ug/l	92
45) 1,2-Dichloropropane	9.215	63	27843	19.286	ug/l	97
46) Dibromomethane	9.307	93	16354	19.719	ug/l	93
47) Bromodichloromethane	9.496	83	39242	19.610	ug/l #	97
48) Methyl methacrylate	9.295	41	18699	19.781	ug/l	93
49) 1,4-Dioxane	9.295	88	4525	458.623	ug/l	98
51) 4-Methyl-2-Pentanone	10.069	43	114036	104.101	ug/l	100
52) Toluene	10.246	92	72188	20.185	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	41072	20.080	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	46033	19.705	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	23032	20.090	ug/l	99
56) Ethyl methacrylate	10.508	69	30003	20.815	ug/l	98
57) 1,3-Dichloropropane	10.788	76	38308	19.794	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	69199	102.674	ug/l	97
59) 2-Hexanone	10.831	43	81617	103.020	ug/l	98
60) Dibromochloromethane	10.983	129	29549	20.522	ug/l	100
61) 1,2-Dibromoethane	11.087	107	22326	20.099	ug/l	99
64) Tetrachloroethene	10.721	164	28833	20.298	ug/l	99
65) Chlorobenzene	11.514	112	77870	19.852	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	29606	20.132	ug/l	98
67) Ethyl Benzene	11.593	91	134876	19.908	ug/l	100
68) m/p-Xylenes	11.703	106	107168	40.892	ug/l	98
69) o-Xylene	12.032	106	49331	20.294	ug/l	98
70) Styrene	12.044	104	83664	20.574	ug/l	100
71) Bromoform	12.209	173	19323	21.190	ug/l #	96
73) Isopropylbenzene	12.331	105	130740	20.044	ug/l	99
74) N-amyl acetate	12.142	43	35808	19.995	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	27800	20.348	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	35539	33.480	ug/l #	100
77) Bromobenzene	12.611	156	33532	20.678	ug/l	93
78) n-propylbenzene	12.672	91	160570	20.022	ug/l	100
79) 2-Chlorotoluene	12.758	91	90103	19.800	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	110863	20.330	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	9890	20.778	ug/l	98
82) 4-Chlorotoluene	12.855	91	95037	20.066	ug/l	99
83) tert-Butylbenzene	13.075	119	95139	20.312	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	108290	20.278	ug/l	99
85) sec-Butylbenzene	13.251	105	141269	19.975	ug/l	99
86) p-Isopropyltoluene	13.367	119	120023	20.615	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	64714	20.131	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	64688	20.082	ug/l	99
89) n-Butylbenzene	13.696	91	107487	19.749	ug/l	99
90) Hexachloroethane	13.965	117	23496	19.372	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	56234	19.588	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4537	19.956	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	33901	20.250	ug/l	99
94) Hexachlorobutadiene	15.111	225	20335	19.750	ug/l	98
95) Naphthalene	15.233	128	61979	19.581	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	29300	19.864	ug/l	98

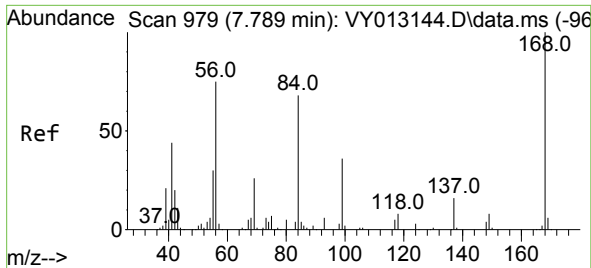
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033123\
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Quant Title : SW846 8260
QLast Update : Fri Mar 31 05:07:15 2023
Response via : Initial Calibration

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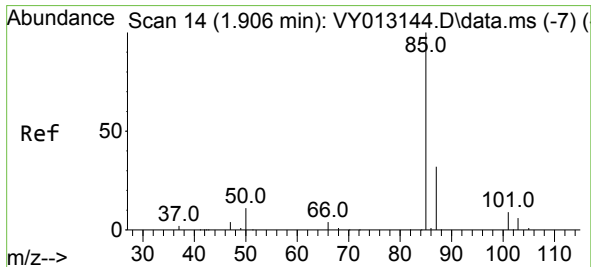
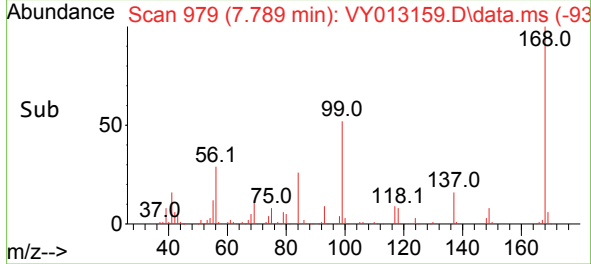
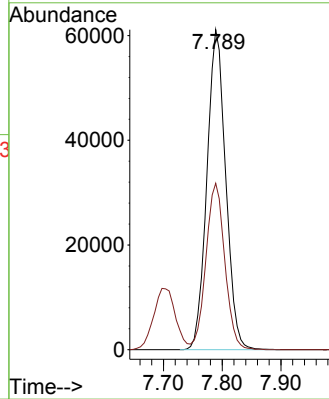
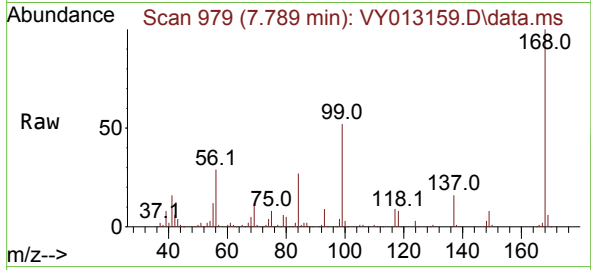
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013159.D
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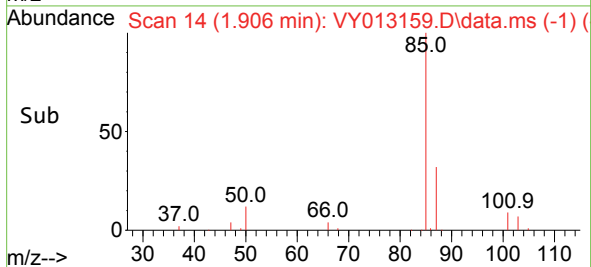
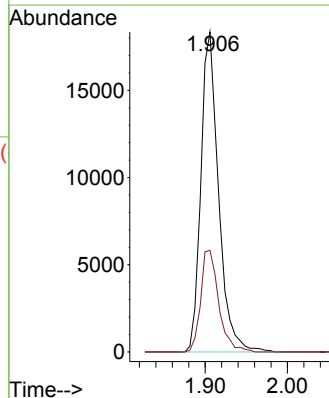
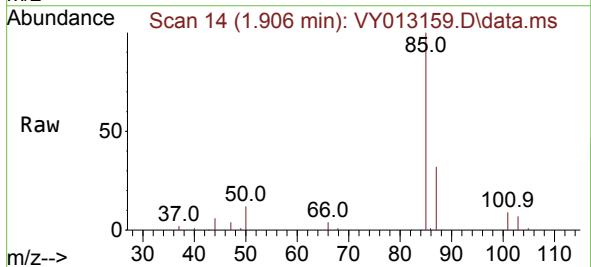
Instrument :
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VY0331SBSD01

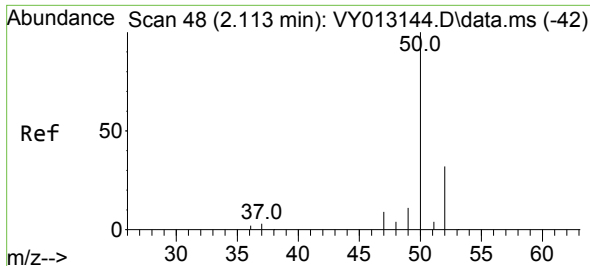
Tgt Ion:168 Resp: 135776
Ion Ratio Lower Upper
168 100
99 52.0 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 20.623 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013159.D
Acq: 31 Mar 2023 11:37

Tgt Ion: 85 Resp: 27450
Ion Ratio Lower Upper
85 100
87 31.7 16.7 50.0

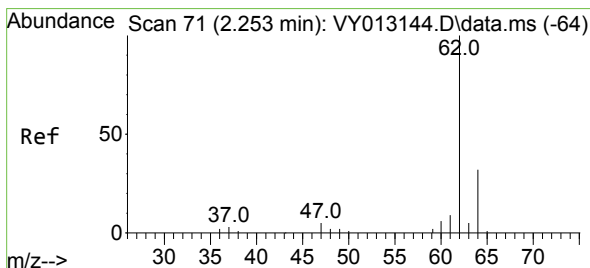
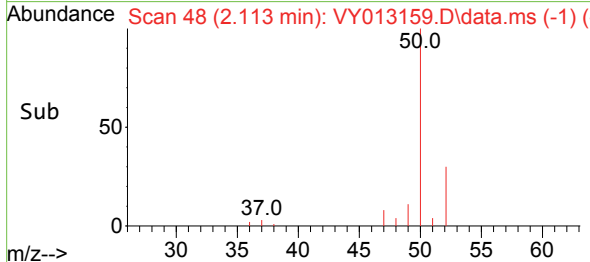
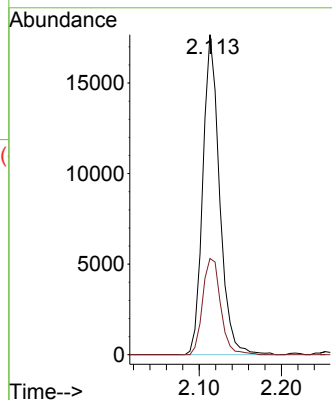
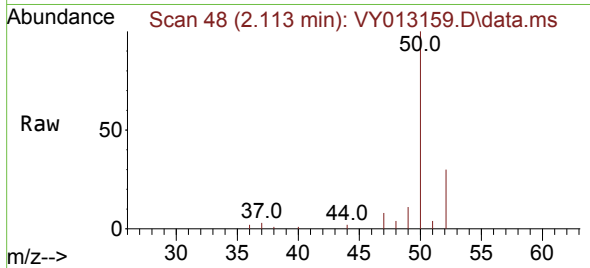




#3
Chloromethane
Concen: 18.018 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY013159.D
Acq: 31 Mar 2023 11:37

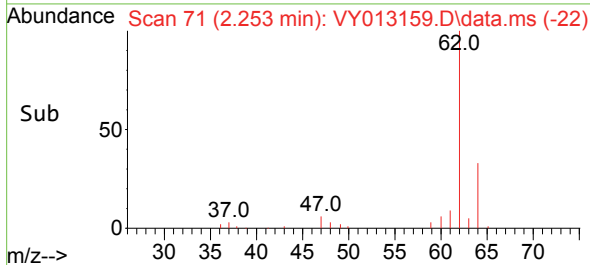
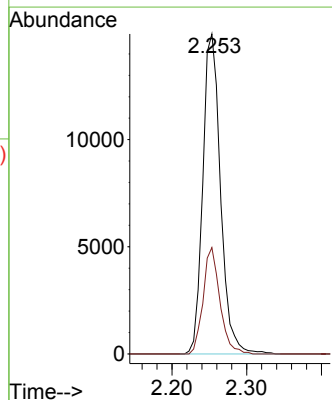
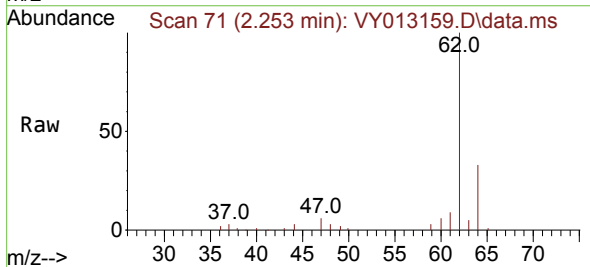
Instrument :
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ClientSampleId :
VY0331SBSD01

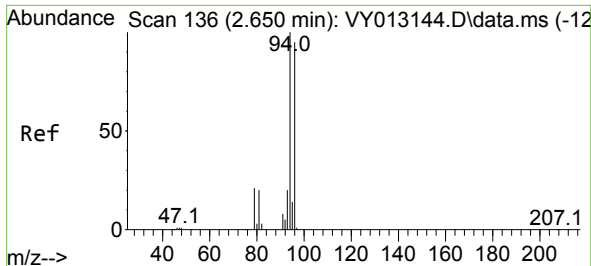
Tgt Ion: 50 Resp: 25009
Ion Ratio Lower Upper
50 100
52 30.0 26.0 39.0



#4
Vinyl Chloride
Concen: 17.666 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY013159.D
Acq: 31 Mar 2023 11:37

Tgt Ion: 62 Resp: 24585
Ion Ratio Lower Upper
62 100
64 33.2 25.6 38.4

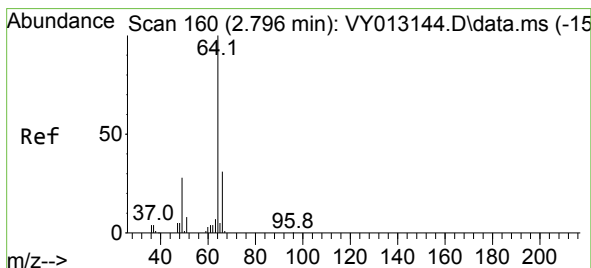
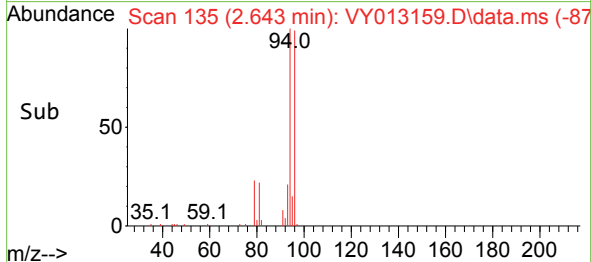
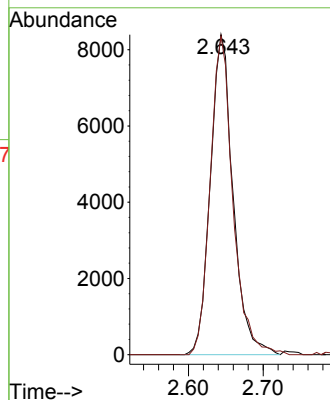
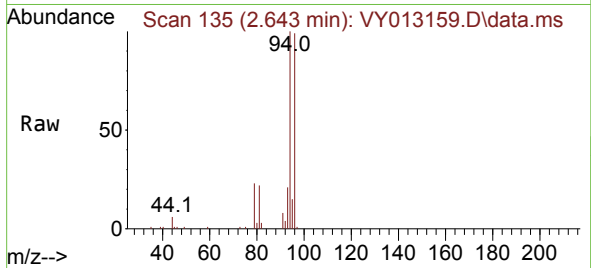




#5
Bromomethane
Concen: 18.113 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013159.D
Acq: 31 Mar 2023 11:37

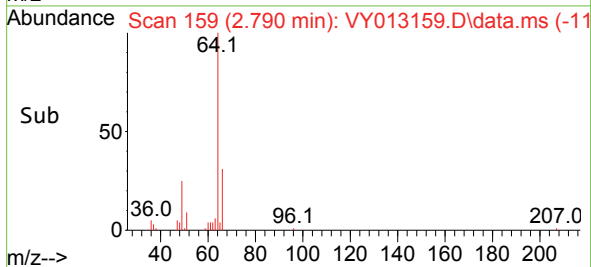
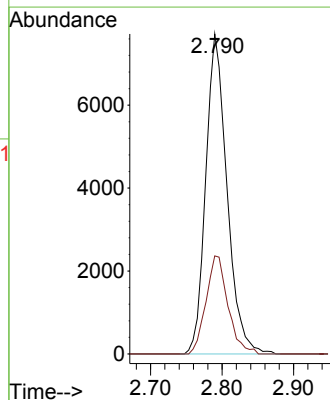
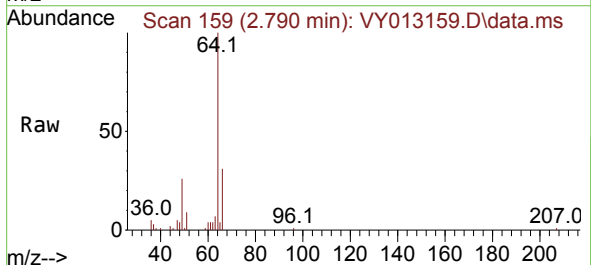
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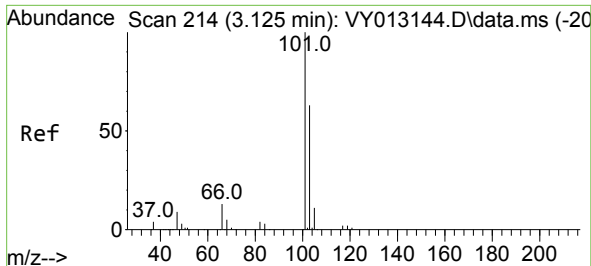
Tgt Ion: 94 Resp: 17789
Ion Ratio Lower Upper
94 100
96 99.5 80.3 120.5



#6
Chloroethane
Concen: 18.276 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY013159.D
Acq: 31 Mar 2023 11:37

Tgt Ion: 64 Resp: 15932
Ion Ratio Lower Upper
64 100
66 30.6 25.7 38.5

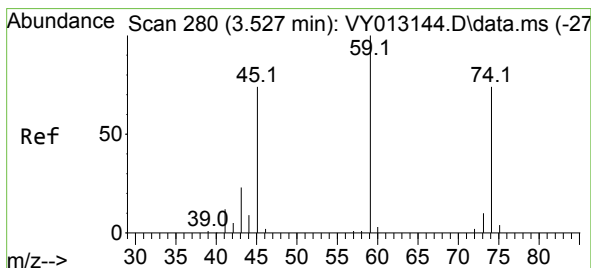
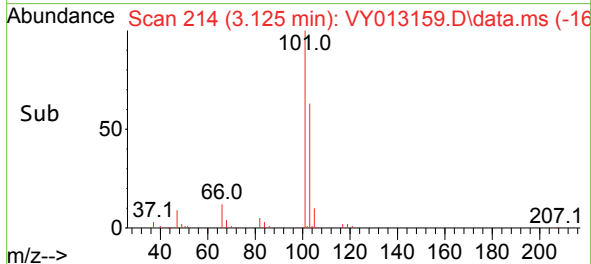
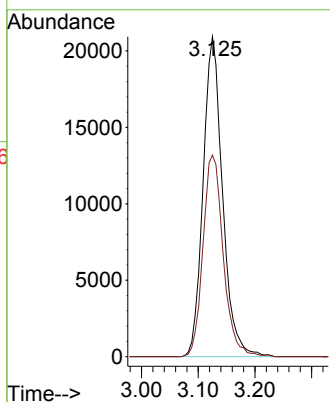
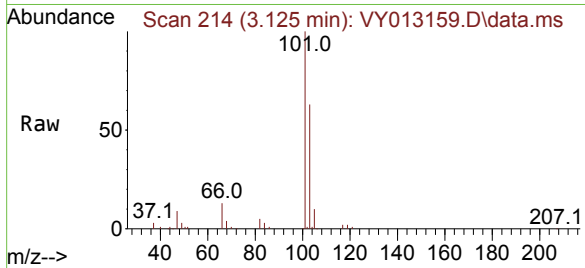




#7
Trichlorofluoromethane
Concen: 20.161 ug/l
RT: 3.125 min Scan# 214
Delta R.T. 0.000 min
Lab File: VY013159.D
Acq: 31 Mar 2023 11:37

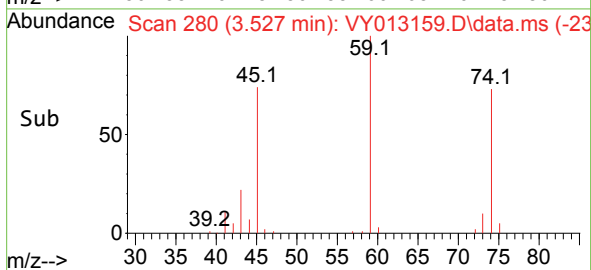
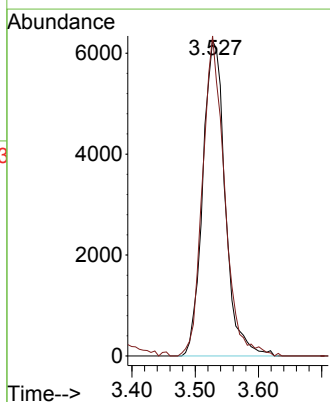
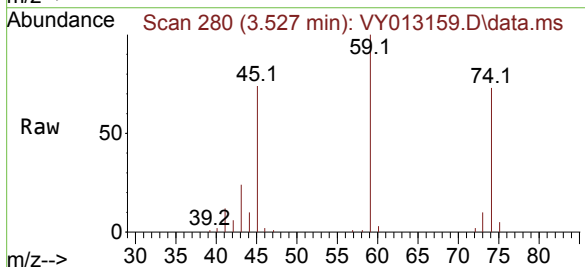
Instrument :
MSVOA_Y
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VY0331SBSD01

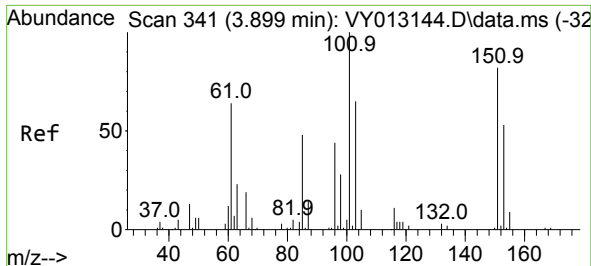
Tgt Ion:101 Resp: 49935
Ion Ratio Lower Upper
101 100
103 63.0 51.5 77.3



#8
Diethyl Ether
Concen: 19.810 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY013159.D
Acq: 31 Mar 2023 11:37

Tgt Ion: 74 Resp: 15407
Ion Ratio Lower Upper
74 100
45 99.7 52.1 156.4

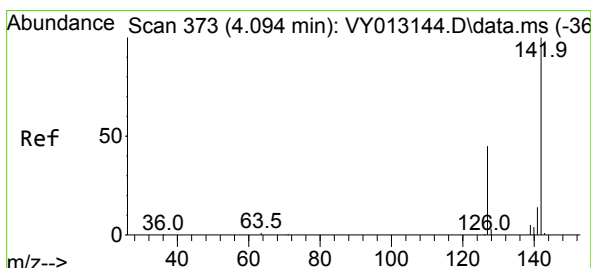
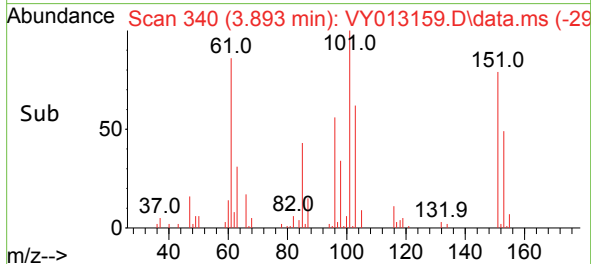
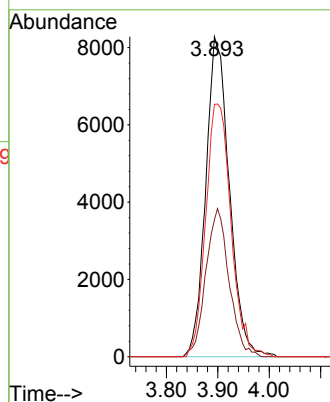
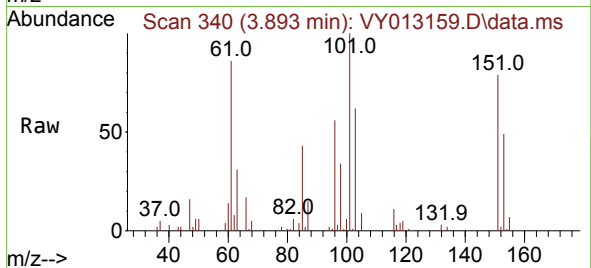




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.377 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY013159.D
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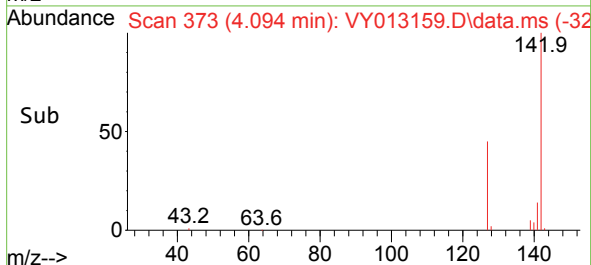
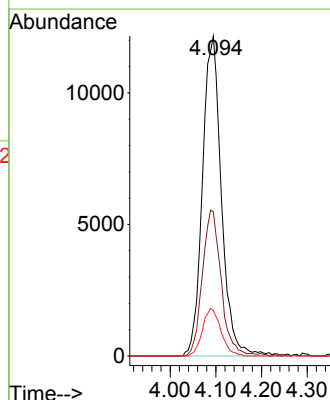
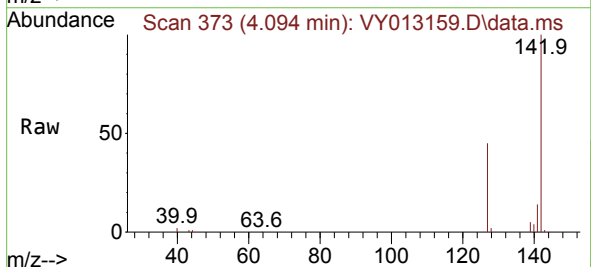
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

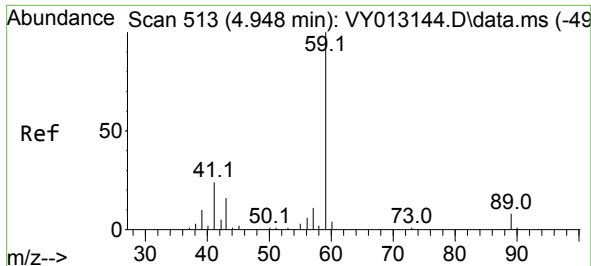
Tgt Ion:101 Resp: 26459
Ion Ratio Lower Upper
101 100
85 45.6 35.3 52.9
151 84.5 63.1 94.7



#10
Methyl Iodide
Concen: 19.705 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY013159.D
Acq: 31 Mar 2023 11:37

Tgt Ion:142 Resp: 35038
Ion Ratio Lower Upper
142 100
127 45.1 35.4 53.2
141 14.4 11.3 16.9

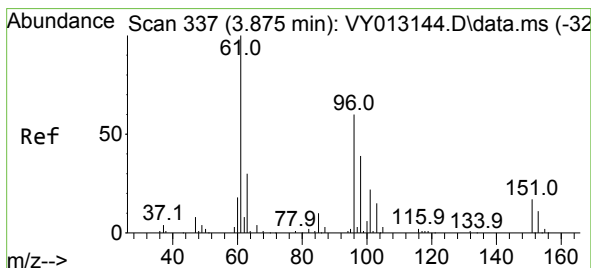
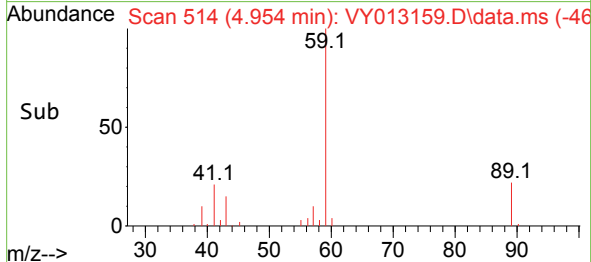
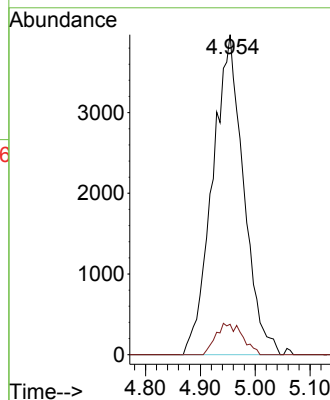
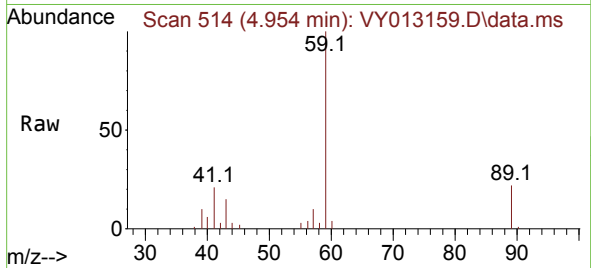




#11
Tert butyl alcohol
Concen: 119.250 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY013159.D
Acq: 31 Mar 2023 11:37

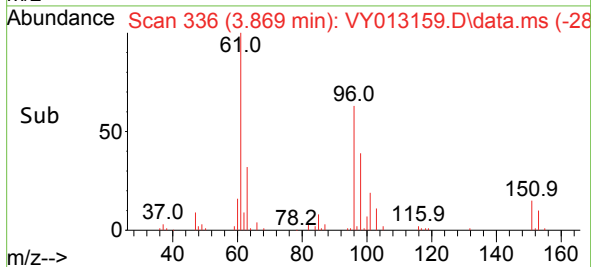
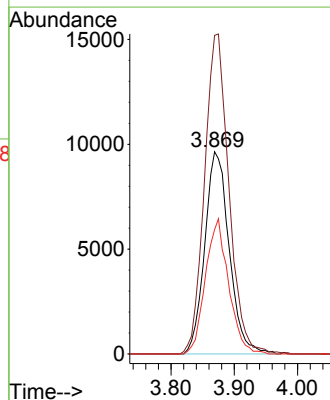
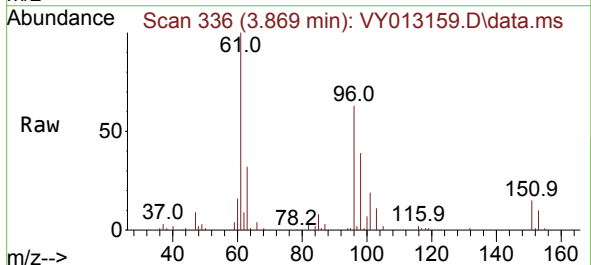
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBSD01

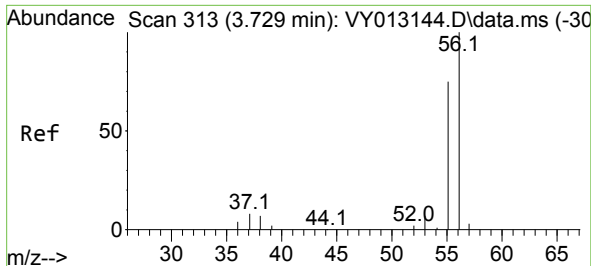
Tgt Ion: 59 Resp: 15683
Ion Ratio Lower Upper
59 100
57 8.3 7.7 11.5



#12
1,1-Dichloroethene
Concen: 19.647 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY013159.D
Acq: 31 Mar 2023 11:37

Tgt Ion: 96 Resp: 25934
Ion Ratio Lower Upper
96 100
61 157.6 131.7 197.5
98 61.5 52.0 78.0





#13

Acrolein

Concen: 96.675 ug/l

RT: 3.723 min Scan# 313

Delta R.T. -0.006 min

Lab File: VY013159.D

Acq: 31 Mar 2023 11:37

Instrument :

MSVOA_Y

ClientSampleId :

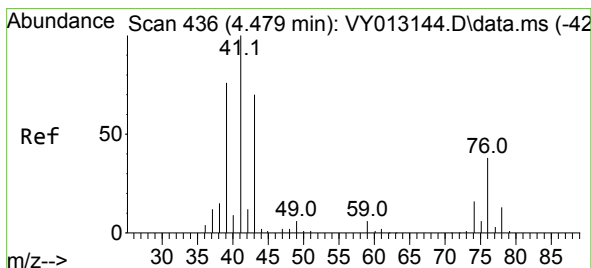
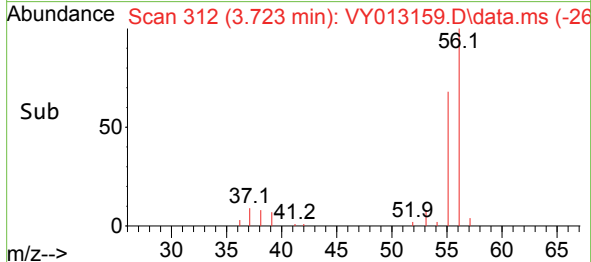
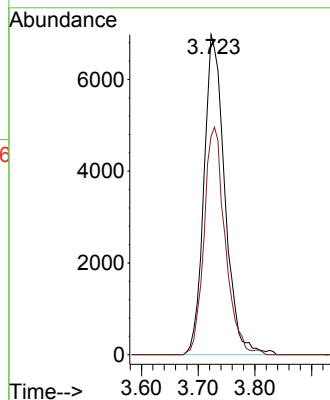
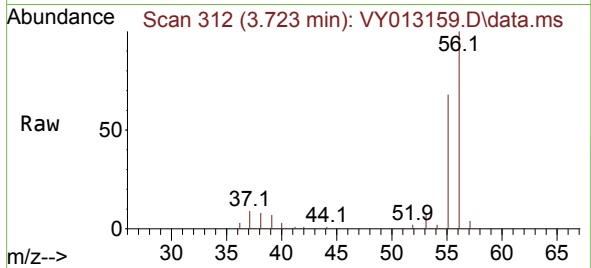
VY0331SBS01

Tgt Ion: 56 Resp: 17842

Ion Ratio Lower Upper

56 100

55 72.0 56.8 85.2



#14

Allyl chloride

Concen: 18.198 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY013159.D

Acq: 31 Mar 2023 11:37

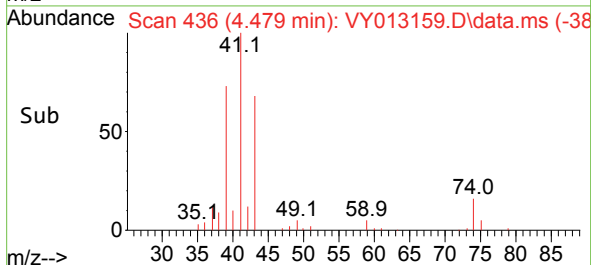
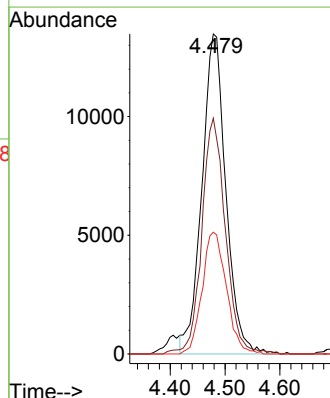
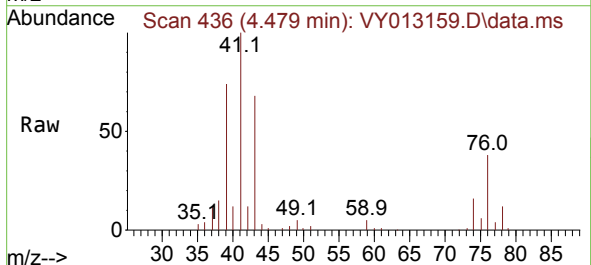
Tgt Ion: 41 Resp: 40930

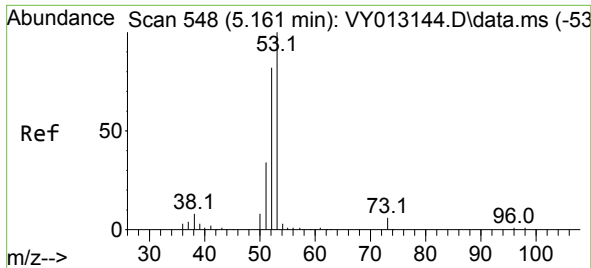
Ion Ratio Lower Upper

41 100

39 72.6 53.6 80.4

76 38.5 27.2 40.8

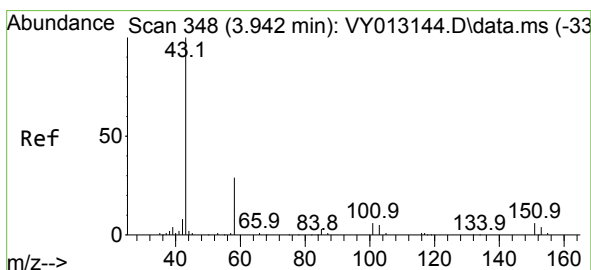
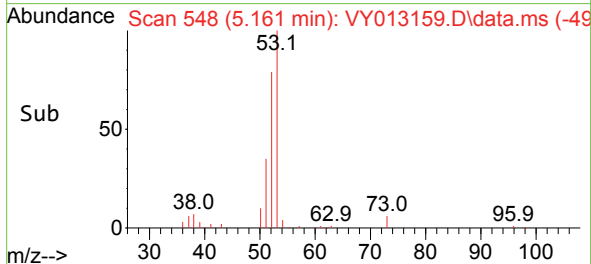
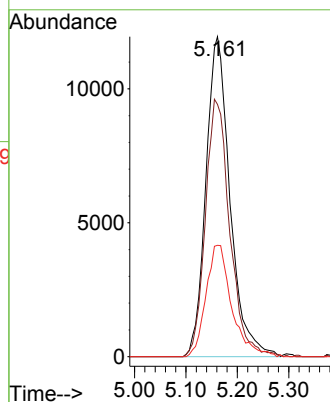
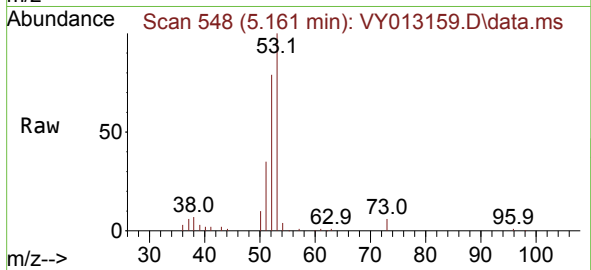




#15
Acrylonitrile
Concen: 100.795 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY013159.D
Acq: 31 Mar 2023 11:37

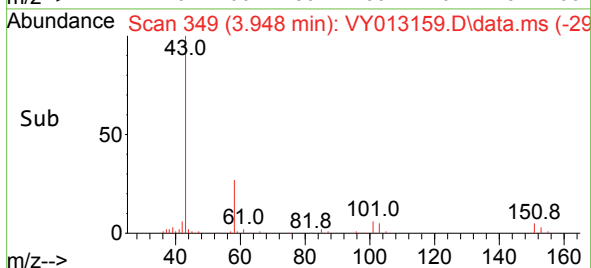
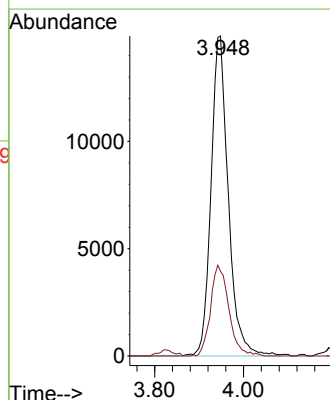
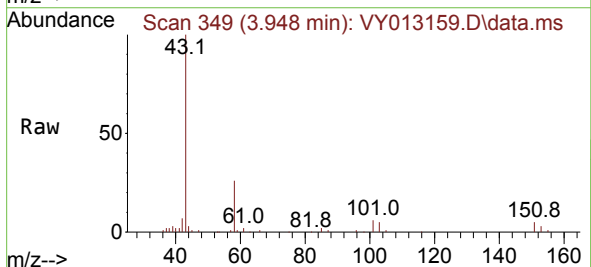
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBSD01

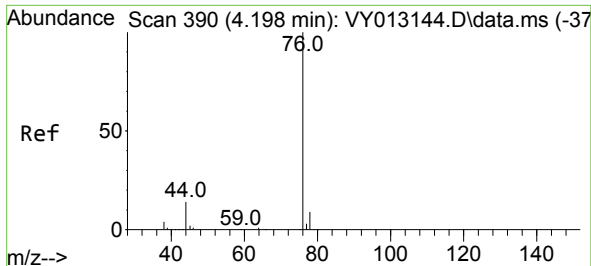
Tgt Ion:	53	Resp:	38955
Ion	Ratio	Lower	Upper
53	100		
52	81.4	66.3	99.5
51	37.2	28.8	43.2



#16
Acetone
Concen: 90.143 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY013159.D
Acq: 31 Mar 2023 11:37

Tgt Ion:	43	Resp:	40221
Ion	Ratio	Lower	Upper
43	100		
58	26.5	24.2	36.2

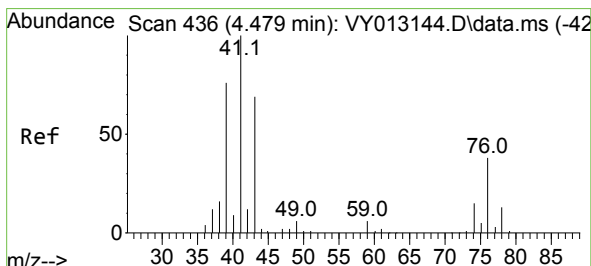
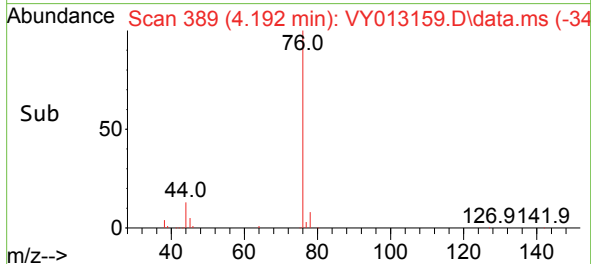
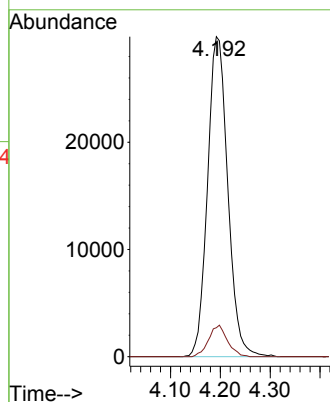
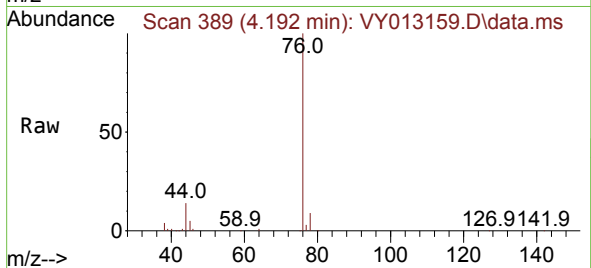




#17
Carbon Disulfide
Concen: 19.168 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.006 min
Lab File: VY013159.D
Acq: 31 Mar 2023 11:37

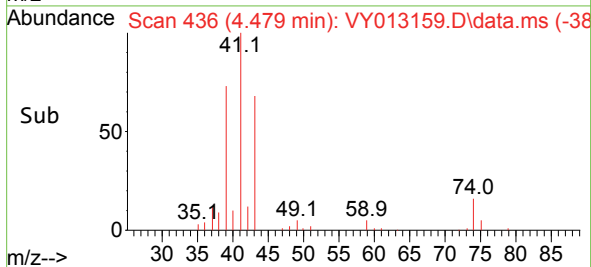
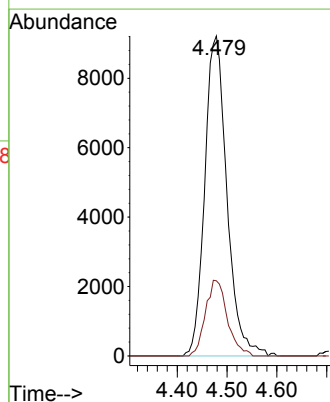
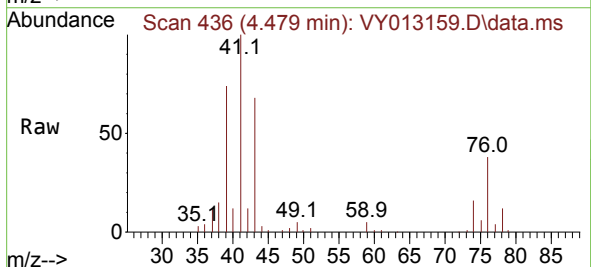
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

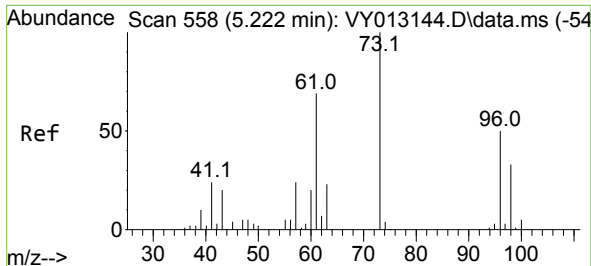
Tgt Ion: 76 Resp: 84264
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 20.265 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY013159.D
Acq: 31 Mar 2023 11:37

Tgt Ion: 43 Resp: 28490
Ion Ratio Lower Upper
43 100
74 23.3 17.4 26.0

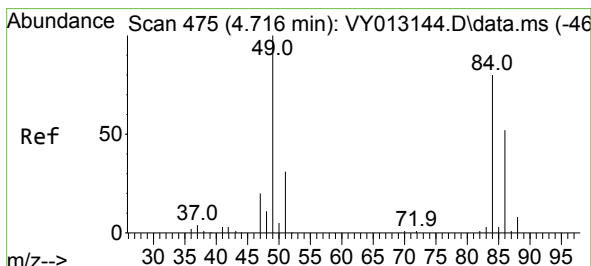
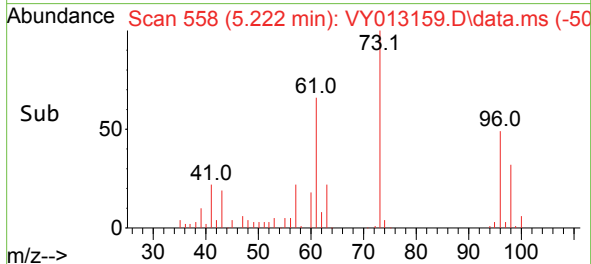
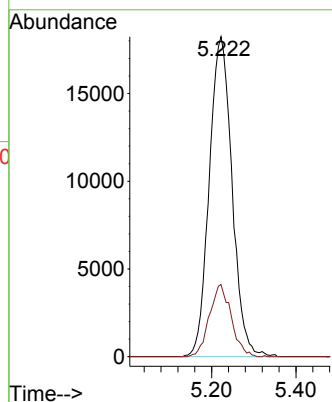
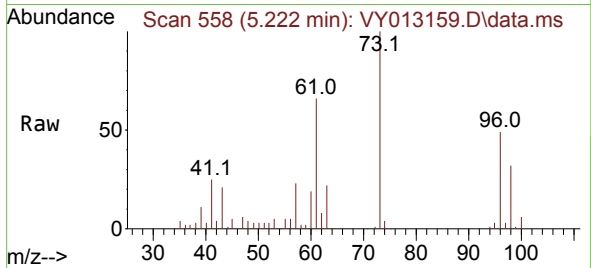




#19
Methyl tert-butyl Ether
Concen: 20.459 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013159.D
Acq: 31 Mar 2023 11:37

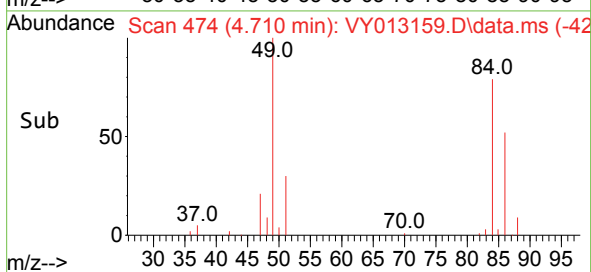
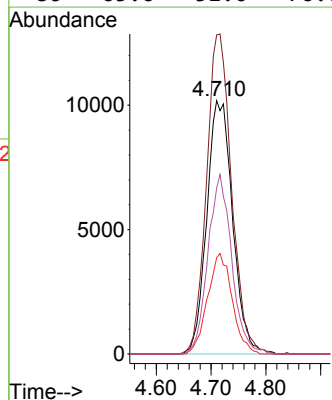
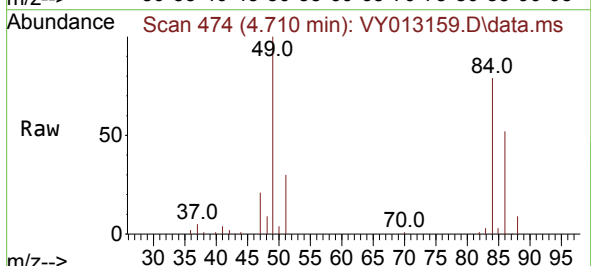
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBSD01

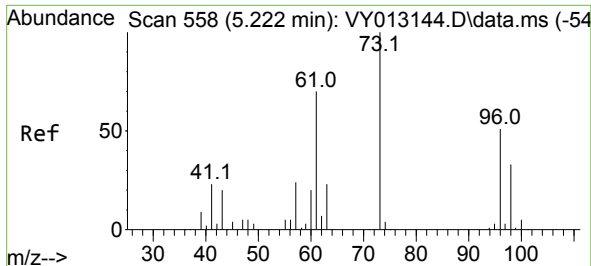
Tgt Ion: 73 Resp: 68434
Ion Ratio Lower Upper
73 100
57 22.5 18.3 27.5



#20
Methylene Chloride
Concen: 18.241 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013159.D
Acq: 31 Mar 2023 11:37

Tgt Ion: 84 Resp: 33351
Ion Ratio Lower Upper
84 100
49 126.0 102.6 154.0
51 38.0 31.9 47.9
86 65.6 51.0 76.6

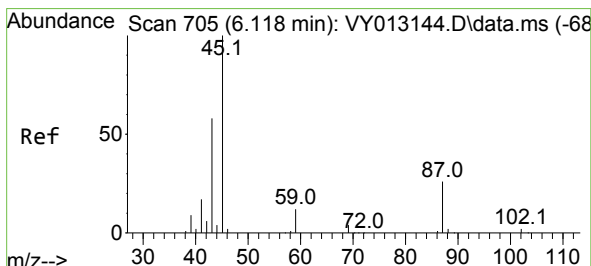
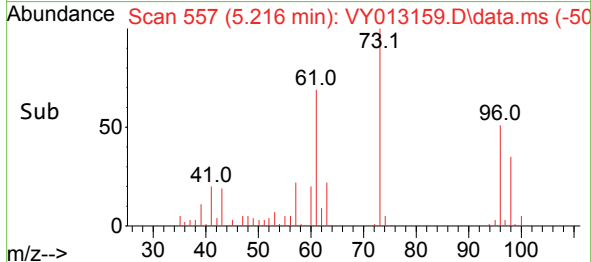
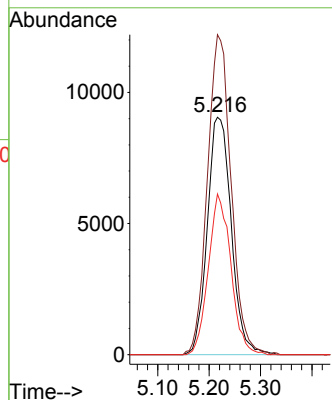
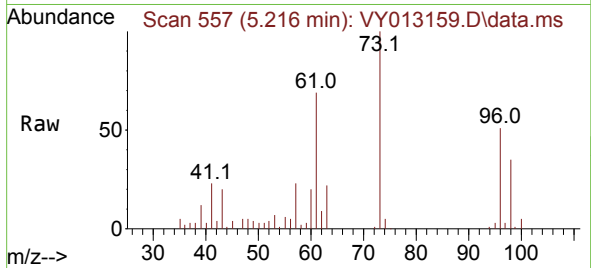




#21
trans-1,2-Dichloroethene
Concen: 19.694 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013159.D
Acq: 31 Mar 2023 11:37

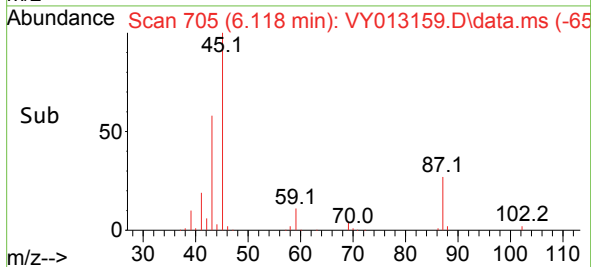
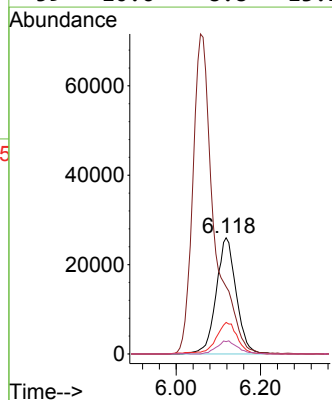
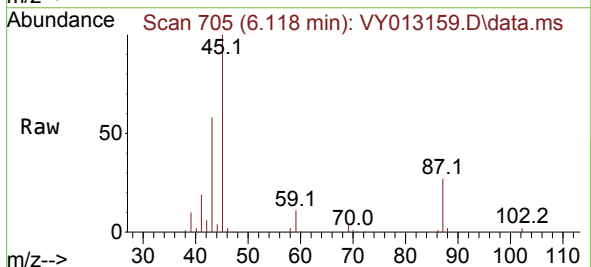
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBSD01

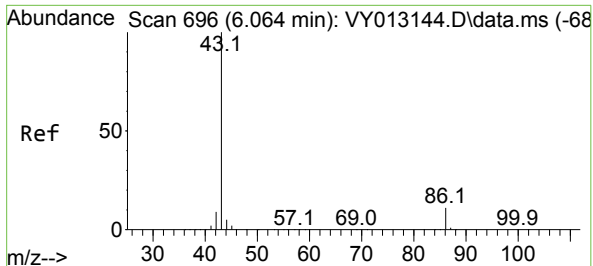
Tgt Ion: 96 Resp: 29290
Ion Ratio Lower Upper
96 100
61 134.8 111.4 167.0
98 67.7 50.8 76.2



#22
Diisopropyl ether
Concen: 19.435 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY013159.D
Acq: 31 Mar 2023 11:37

Tgt Ion: 45 Resp: 85402
Ion Ratio Lower Upper
45 100
43 57.3 45.0 67.6
87 27.2 20.3 30.5
59 10.6 8.8 13.2

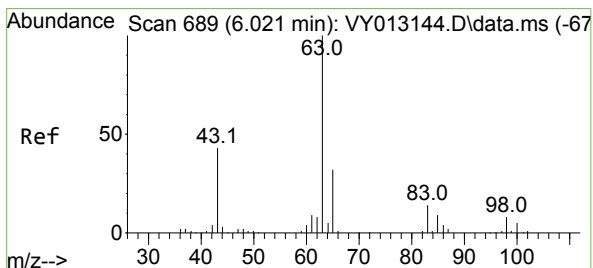
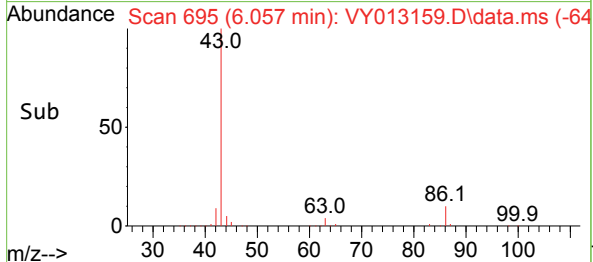
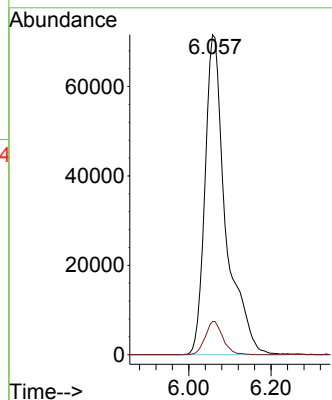
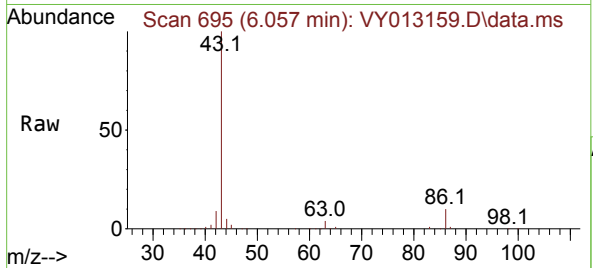




#23
 Vinyl Acetate
 Concen: 100.262 ug/l
 RT: 6.057 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY013159.D
 Acq: 31 Mar 2023 11:37

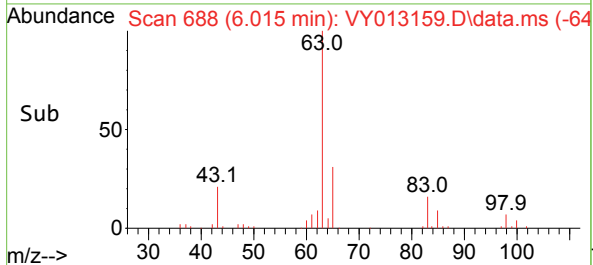
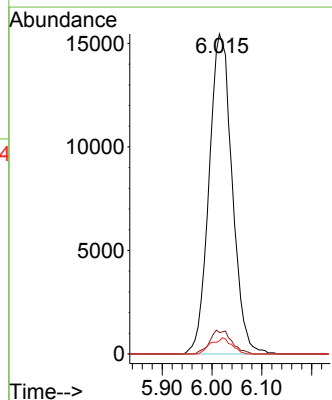
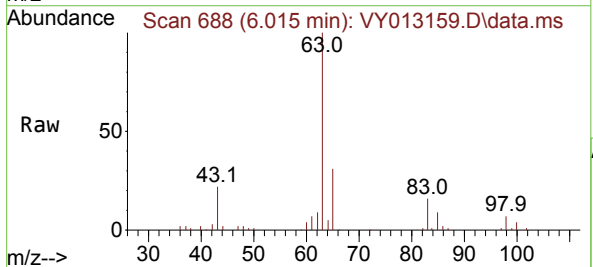
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBS01

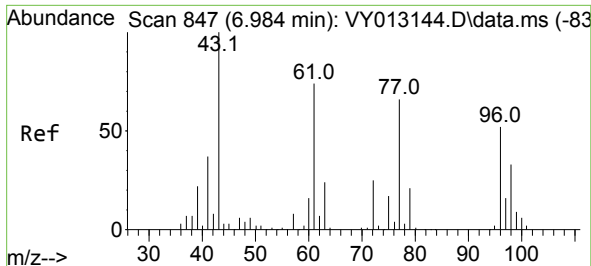
Tgt Ion: 43 Resp: 250539
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 19.104 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY013159.D
 Acq: 31 Mar 2023 11:37

Tgt Ion: 63 Resp: 49718
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.7 11.1
 100 4.1 2.3 6.8





#25

2-Butanone

Concen: 98.411 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013159.D

Acq: 31 Mar 2023 11:37

Instrument :

MSVOA_Y

ClientSampleId :

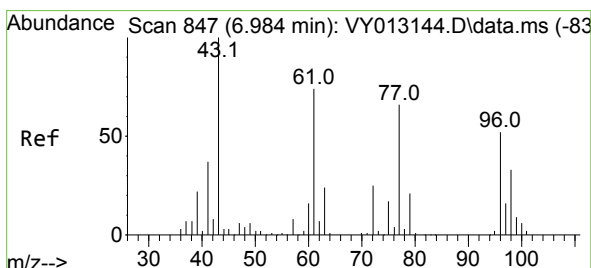
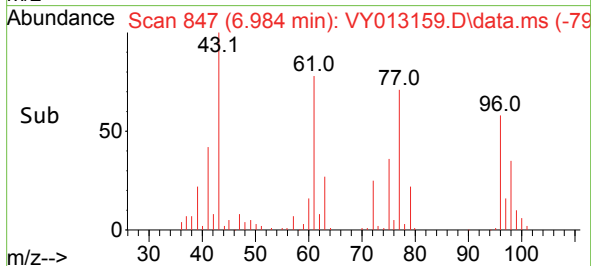
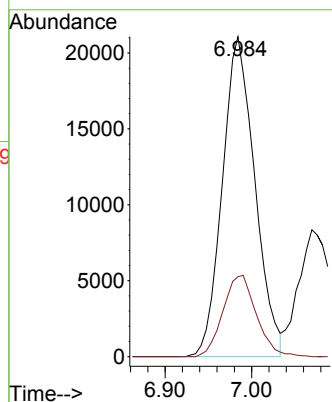
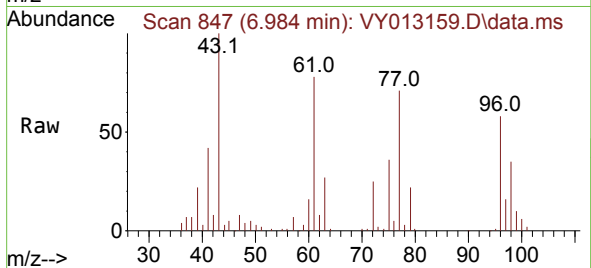
VY0331SBS01

Tgt Ion: 43 Resp: 54905

Ion Ratio Lower Upper

43 100

72 25.0 21.0 31.4



#26

2,2-Dichloropropane

Concen: 19.390 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013159.D

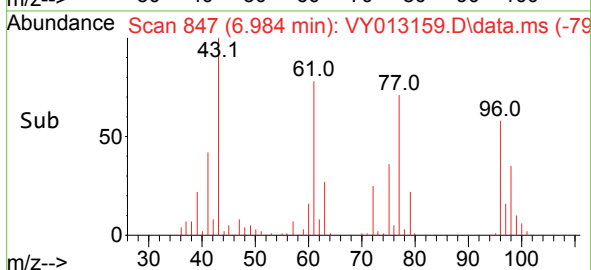
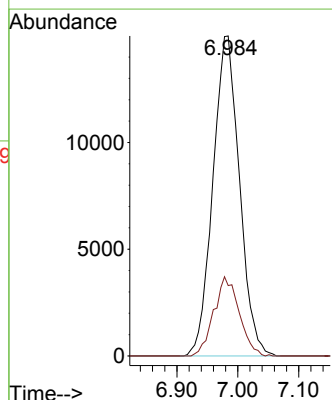
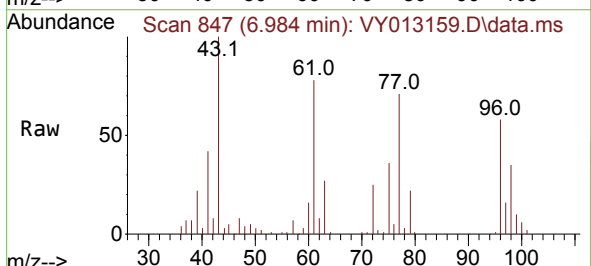
Acq: 31 Mar 2023 11:37

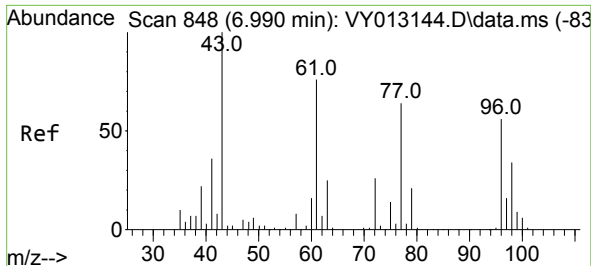
Tgt Ion: 77 Resp: 45387

Ion Ratio Lower Upper

77 100

97 23.6 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 19.813 ug/l

RT: 6.984 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY013159.D

Acq: 31 Mar 2023 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

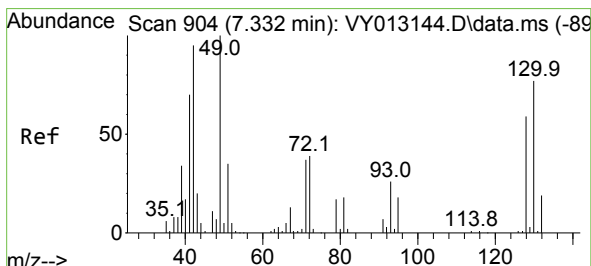
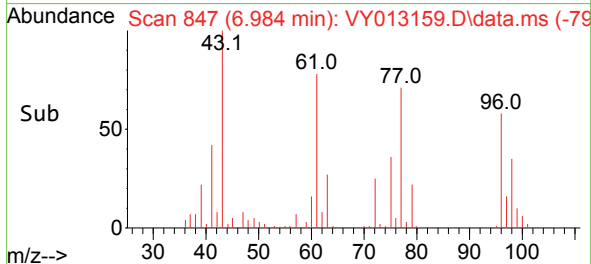
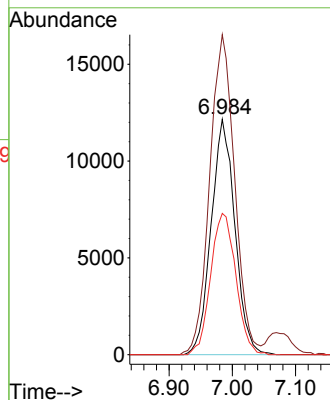
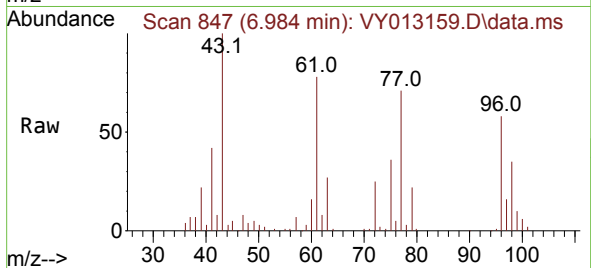
Tgt Ion: 96 Resp: 31746

Ion Ratio Lower Upper

96 100

61 142.8 0.0 295.8

98 63.7 0.0 130.2



#28

Bromochloromethane

Concen: 18.826 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY013159.D

Acq: 31 Mar 2023 11:37

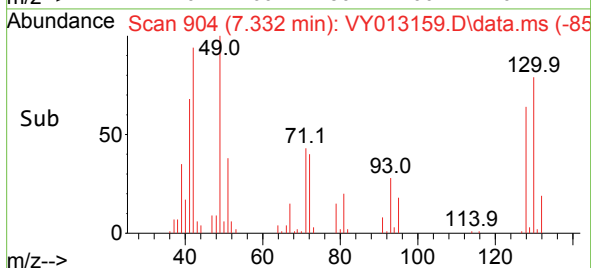
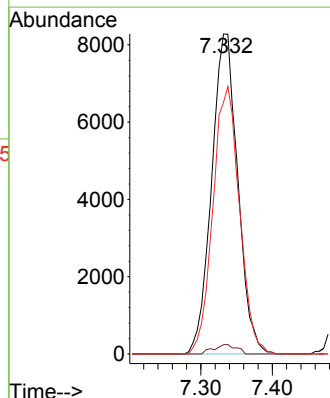
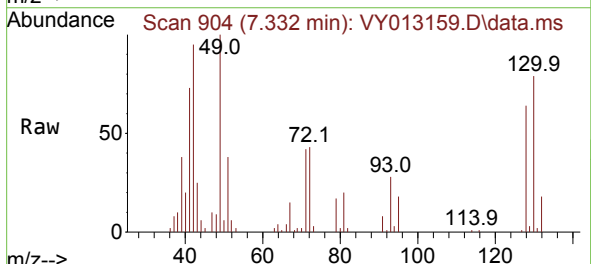
Tgt Ion: 49 Resp: 21023

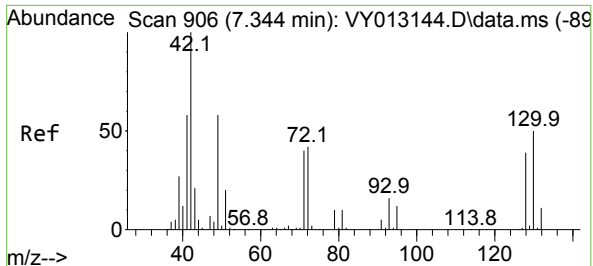
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.2

130 84.7 60.5 90.7





#29

Tetrahydrofuran

Concen: 102.535 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013159.D

Acq: 31 Mar 2023 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

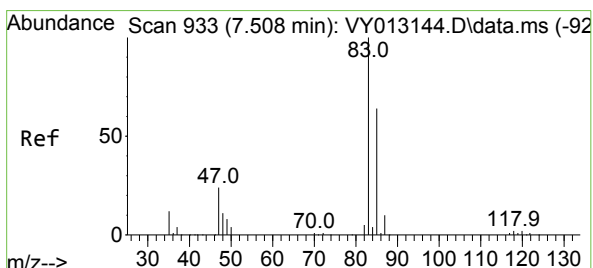
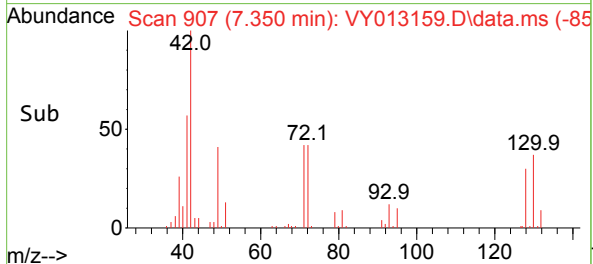
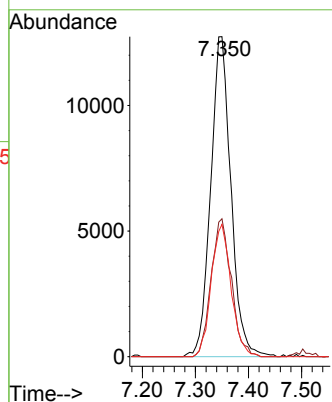
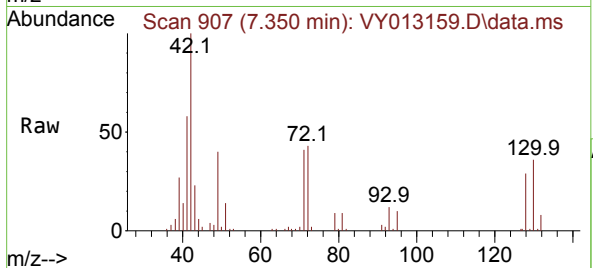
Tgt Ion: 42 Resp: 33864

Ion Ratio Lower Upper

42 100

72 43.1 32.3 48.5

71 40.6 30.3 45.5



#30

Chloroform

Concen: 19.214 ug/l

RT: 7.508 min Scan# 933

Delta R.T. -0.000 min

Lab File: VY013159.D

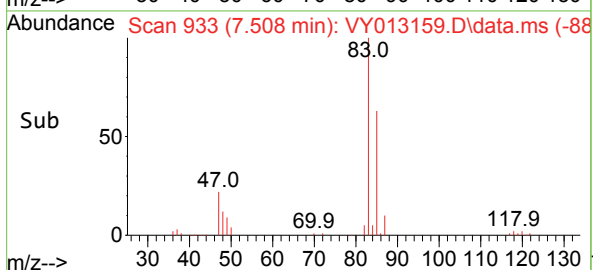
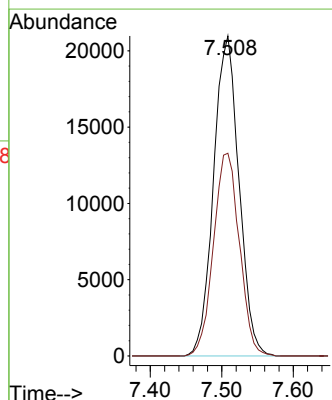
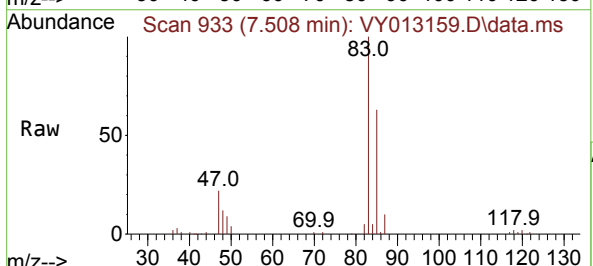
Acq: 31 Mar 2023 11:37

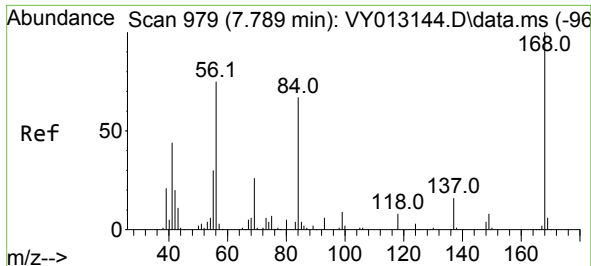
Tgt Ion: 83 Resp: 51781

Ion Ratio Lower Upper

83 100

85 63.3 51.4 77.0

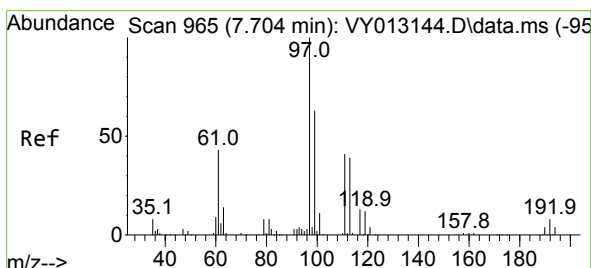
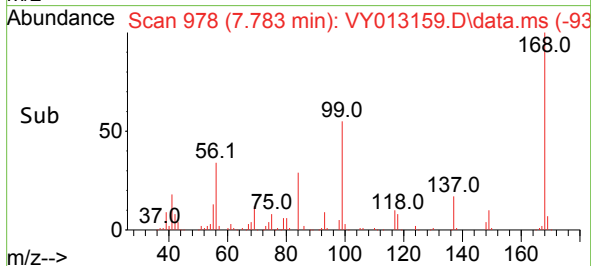
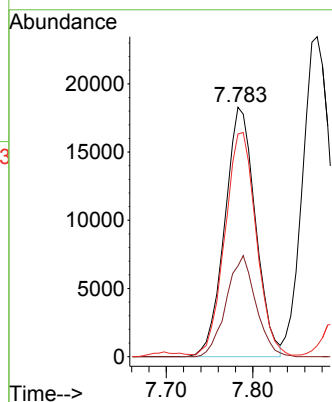
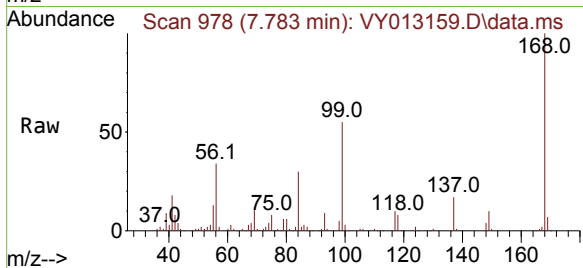




#31
Cyclohexane
Concen: 18.927 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013159.D
Acq: 31 Mar 2023 11:37

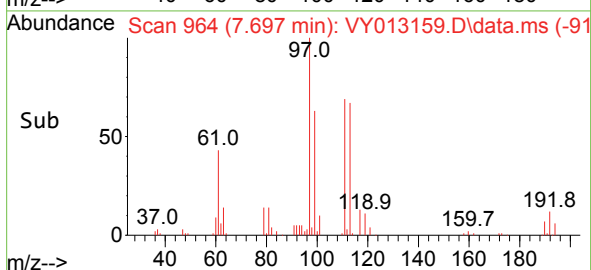
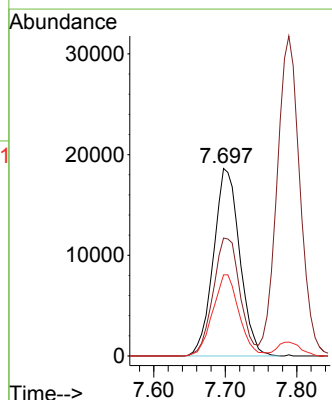
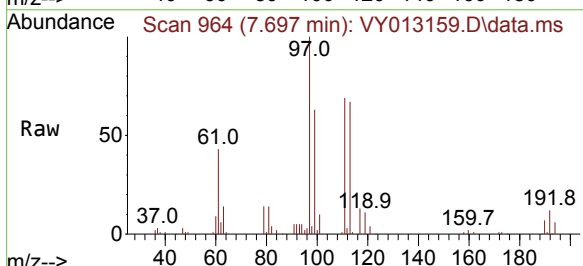
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

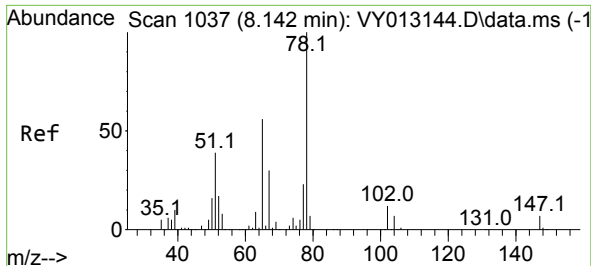
Tgt Ion: 56 Resp: 45088
Ion Ratio Lower Upper
56 100
69 36.4 25.7 38.5
84 87.9 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 19.898 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY013159.D
Acq: 31 Mar 2023 11:37

Tgt Ion: 97 Resp: 47412
Ion Ratio Lower Upper
97 100
99 64.7 51.0 76.6
61 43.5 34.5 51.7

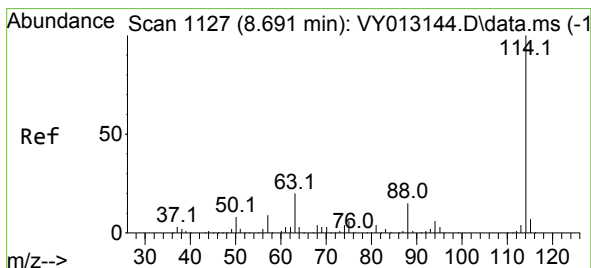
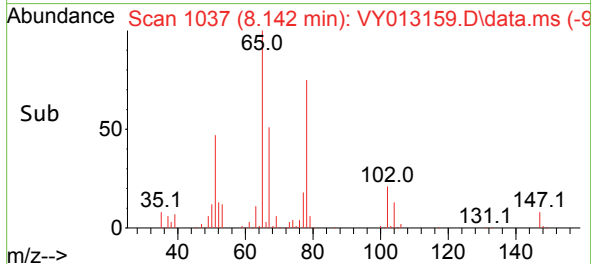
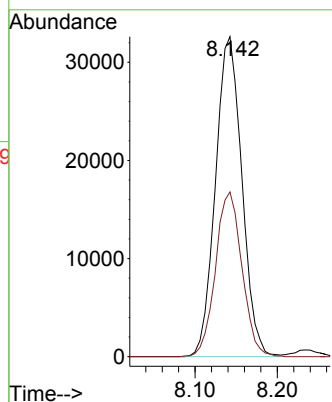
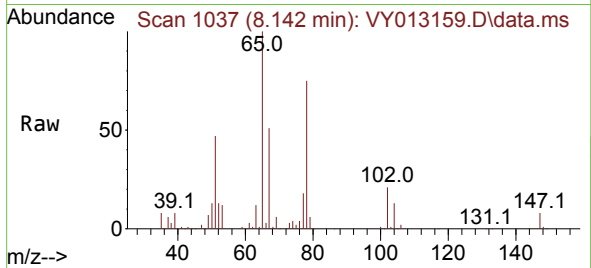




#33
 1,2-Dichloroethane-d4
 Concen: 49.861 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY013159.D
 Acq: 31 Mar 2023 11:37

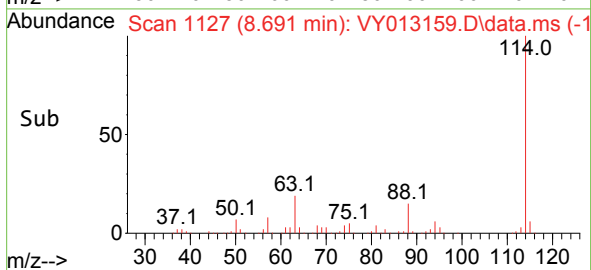
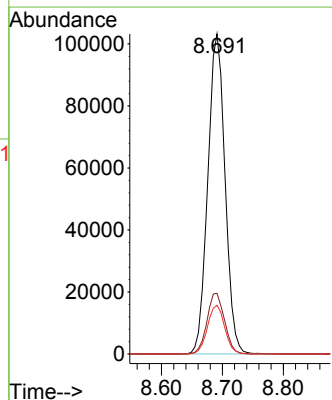
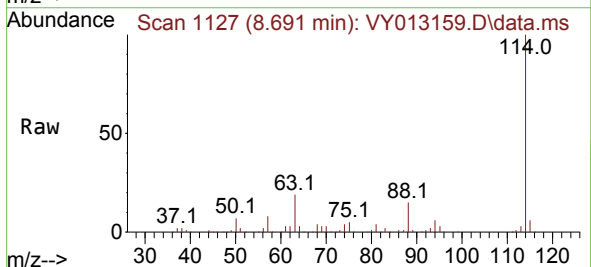
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBSD01

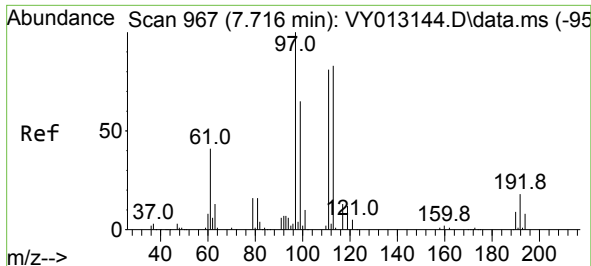
Tgt Ion: 65 Resp: 72755
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY013159.D
 Acq: 31 Mar 2023 11:37

Tgt Ion: 114 Resp: 202976
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.4
 88 15.2 0.0 28.6

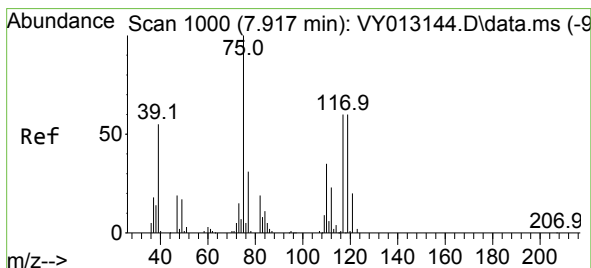
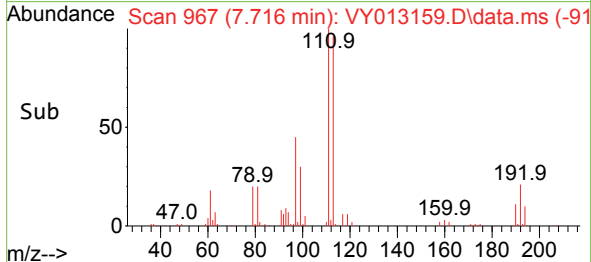
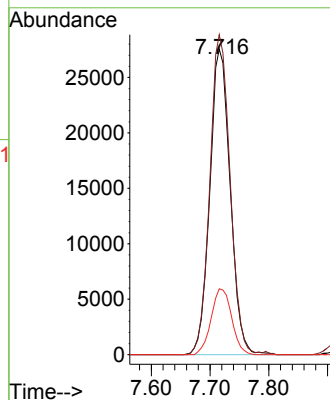
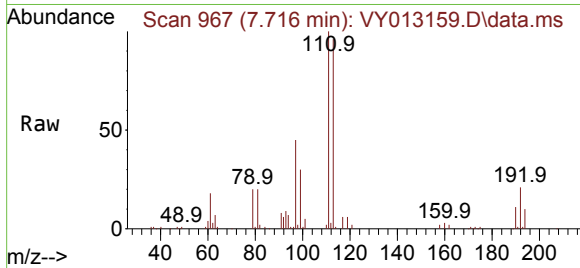




#35
Dibromofluoromethane
Concen: 50.112 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013159.D
Acq: 31 Mar 2023 11:37

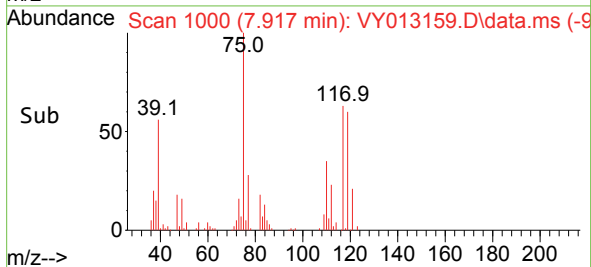
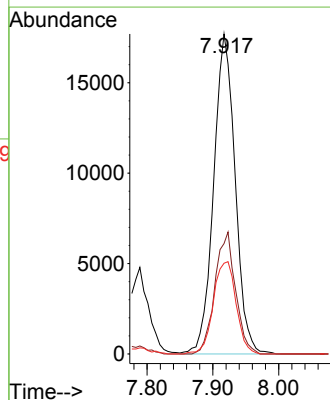
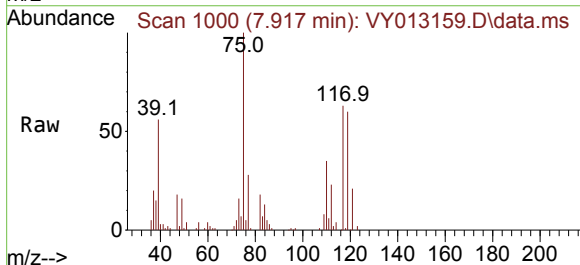
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBSD01

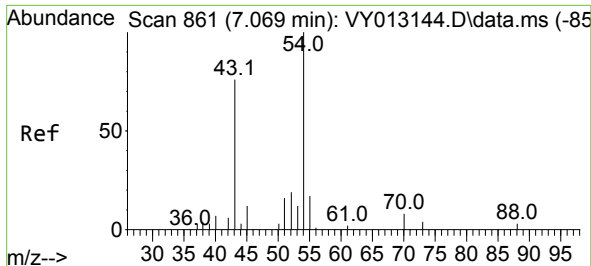
Tgt Ion:113 Resp: 66447
Ion Ratio Lower Upper
113 100
111 104.3 82.2 123.2
192 21.7 16.8 25.2



#36
1,1-Dichloropropene
Concen: 20.188 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY013159.D
Acq: 31 Mar 2023 11:37

Tgt Ion: 75 Resp: 40298
Ion Ratio Lower Upper
75 100
110 36.4 17.8 53.3
77 30.5 25.0 37.4

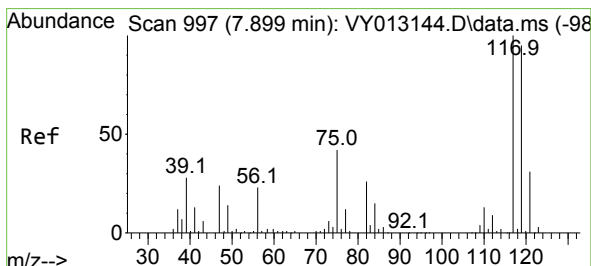
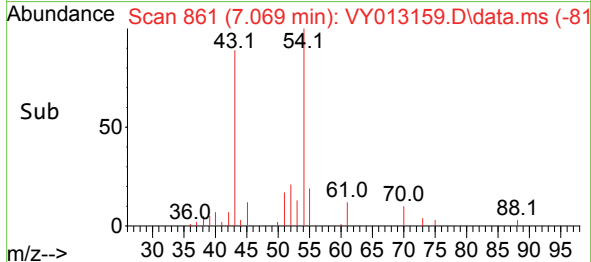
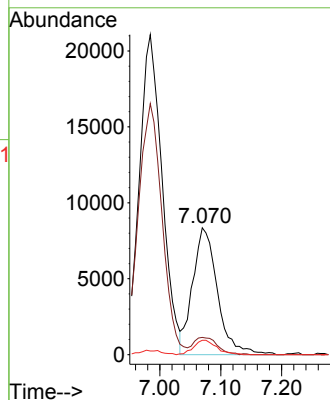
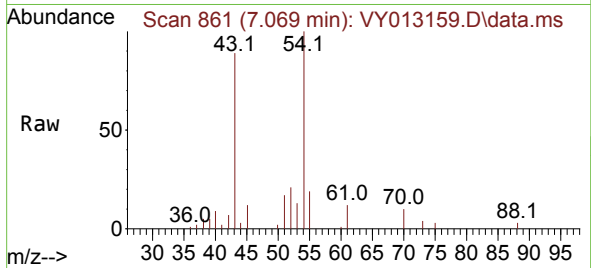




#37
Ethyl Acetate
Concen: 20.874 ug/l
RT: 7.069 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY013159.D
Acq: 31 Mar 2023 11:37

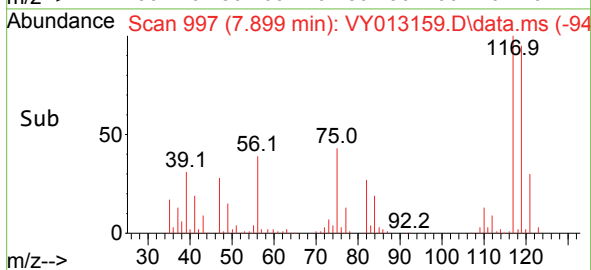
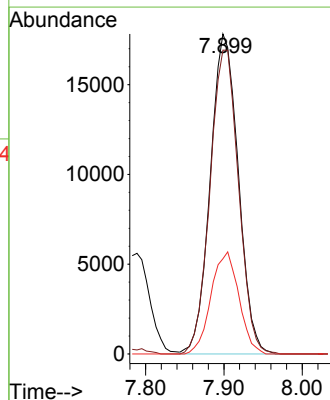
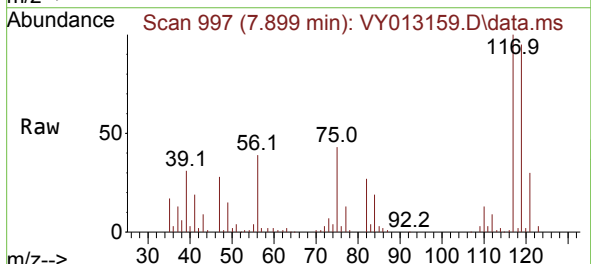
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBSD01

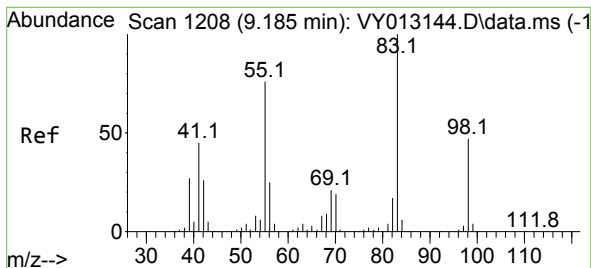
Tgt Ion: 43 Resp: 23670
Ion Ratio Lower Upper
43 100
61 13.2 10.7 16.1
70 10.5 7.8 11.8



#38
Carbon Tetrachloride
Concen: 20.165 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY013159.D
Acq: 31 Mar 2023 11:37

Tgt Ion: 117 Resp: 44414
Ion Ratio Lower Upper
117 100
119 94.9 77.2 115.8
121 29.7 24.7 37.1





#39

Methylcyclohexane

Concen: 20.179 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013159.D

Acq: 31 Mar 2023 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBSD01

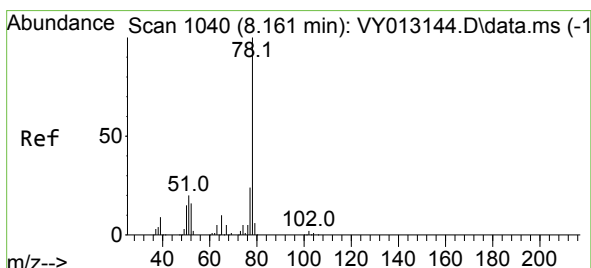
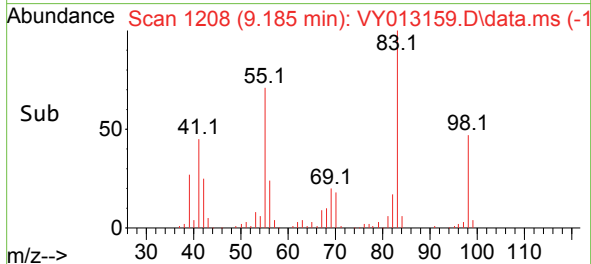
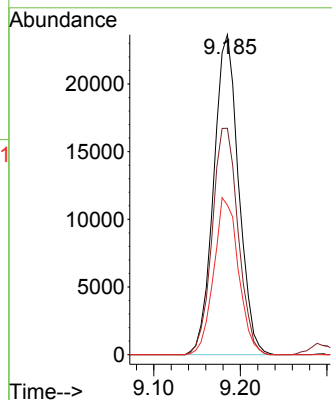
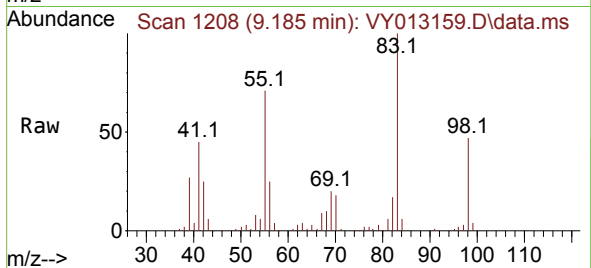
Tgt Ion: 83 Resp: 47256

Ion Ratio Lower Upper

83 100

55 70.7 60.0 90.0

98 46.8 38.3 57.5



#40

Benzene

Concen: 19.833 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY013159.D

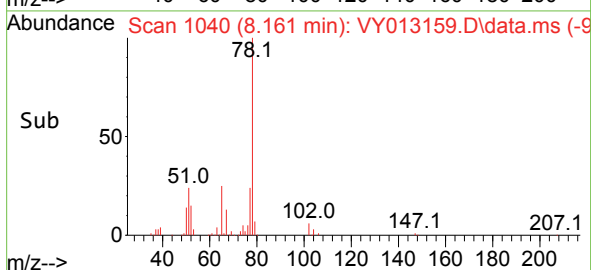
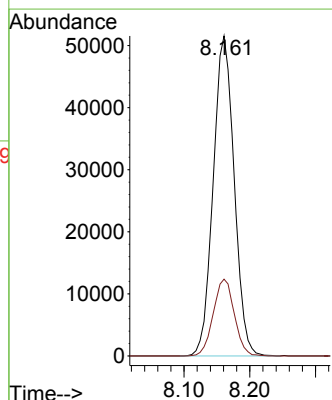
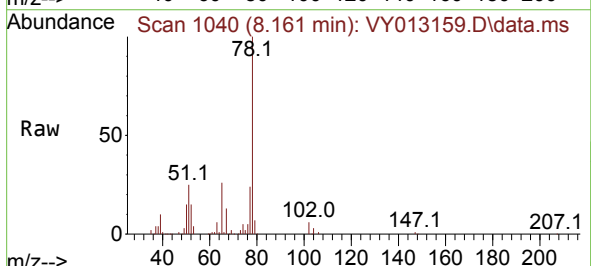
Acq: 31 Mar 2023 11:37

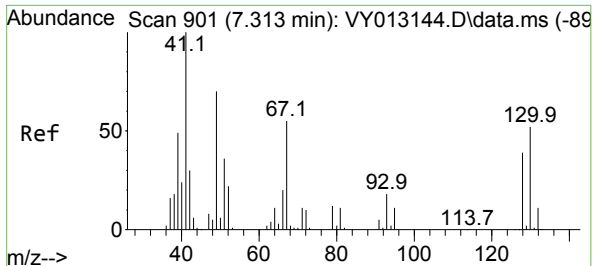
Tgt Ion: 78 Resp: 114345

Ion Ratio Lower Upper

78 100

77 24.0 19.4 29.0

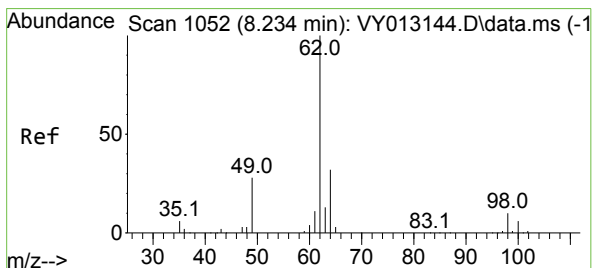
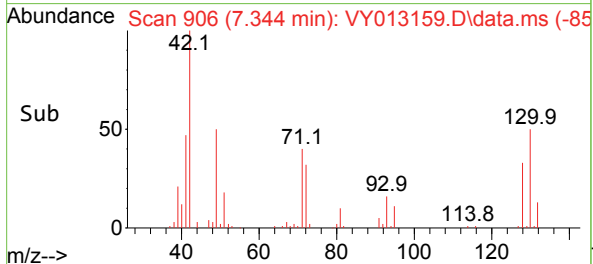
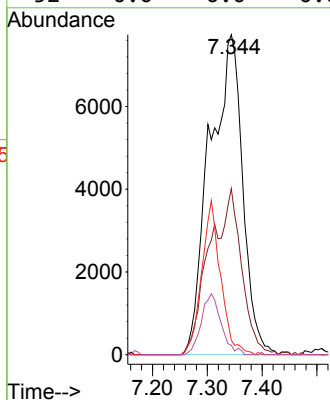
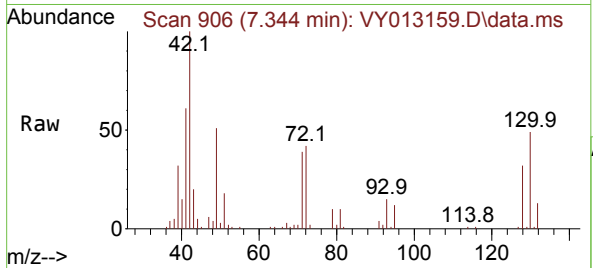




#41
Methacrylonitrile
Concen: 63.834 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.030 min
Lab File: VY013159.D
Acq: 31 Mar 2023 11:37

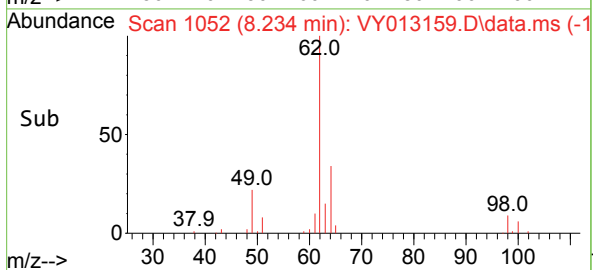
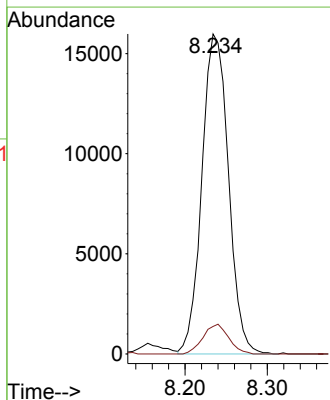
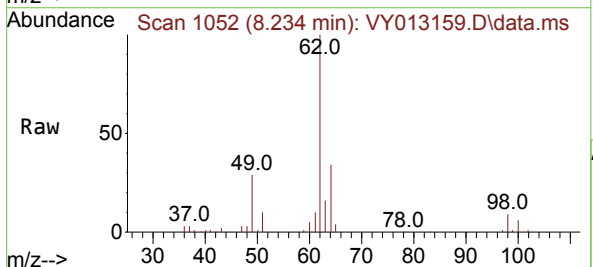
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

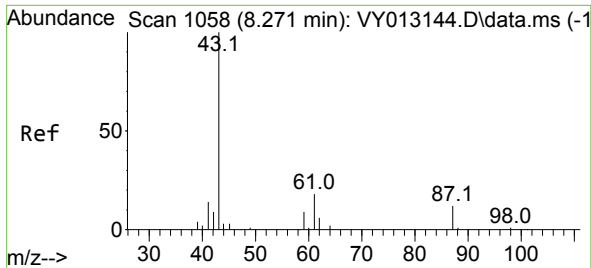
Tgt Ion: 41 Resp: 32112
Ion Ratio Lower Upper
41 100
39 27.2 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 20.302 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013159.D
Acq: 31 Mar 2023 11:37

Tgt Ion: 62 Resp: 35862
Ion Ratio Lower Upper
62 100
98 9.0 0.0 18.8

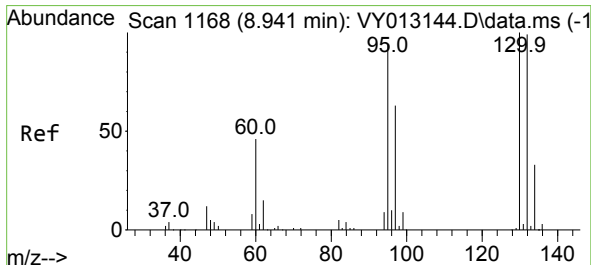
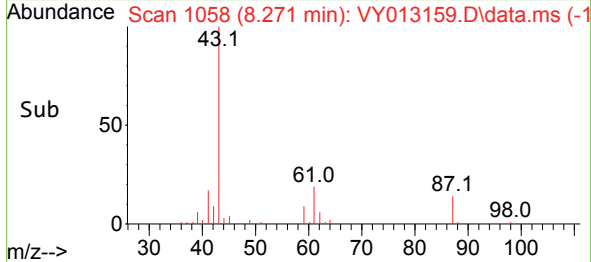
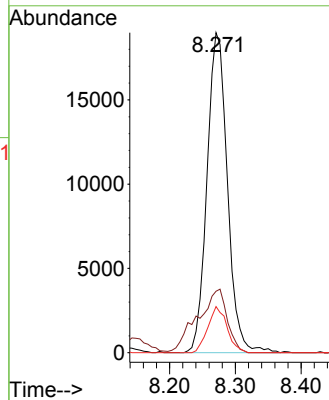
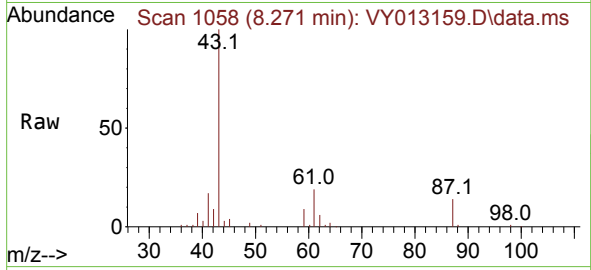




#43
Isopropyl Acetate
Concen: 20.223 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY013159.D
Acq: 31 Mar 2023 11:37

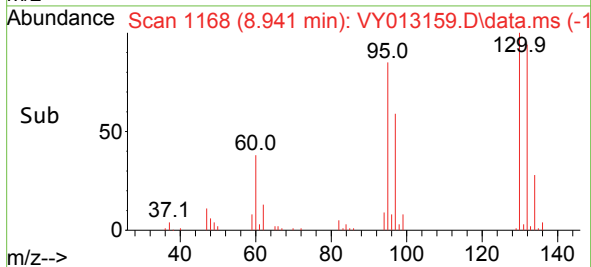
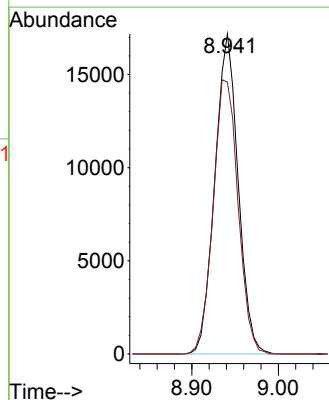
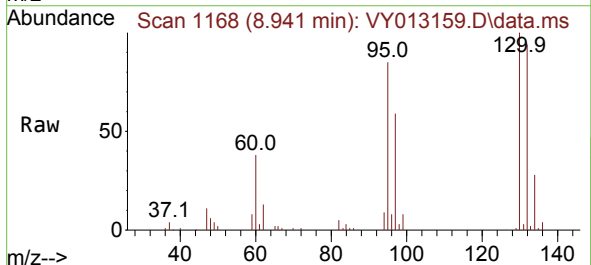
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBSD01

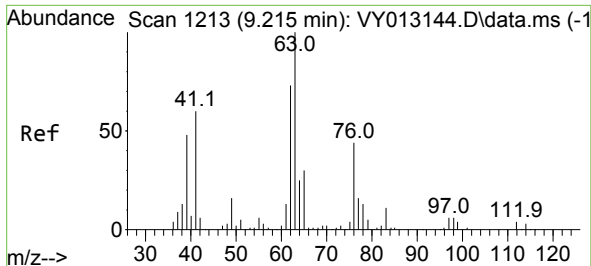
Tgt Ion:	43	Resp:	41047
Ion	Ratio	Lower	Upper
43	100		
61	28.7	21.6	32.4
87	13.6	9.9	14.9



#44
Trichloroethene
Concen: 20.178 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY013159.D
Acq: 31 Mar 2023 11:37

Tgt Ion:	130	Resp:	32026
Ion	Ratio	Lower	Upper
130	100		
95	85.0	0.0	185.0





#45

1,2-Dichloropropane

Concen: 19.286 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY013159.D

Acq: 31 Mar 2023 11:37

Instrument :

MSVOA_Y

ClientSampleId :

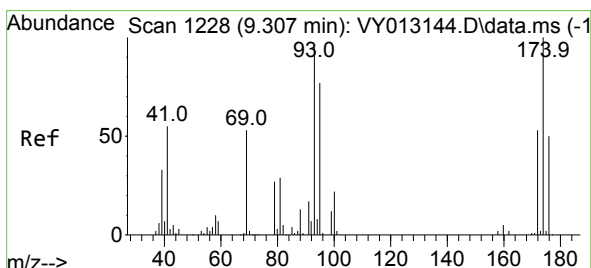
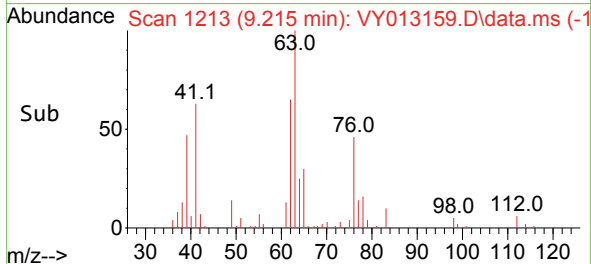
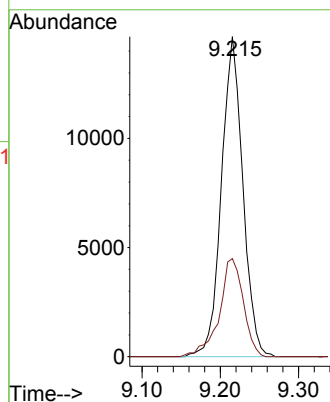
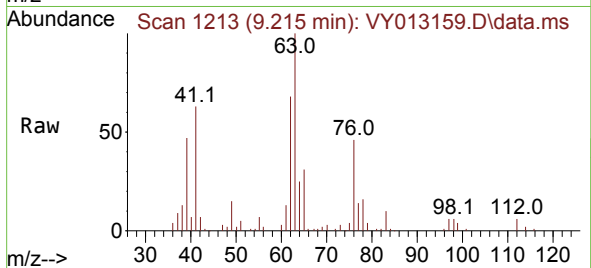
VY0331SBS01

Tgt Ion: 63 Resp: 27843

Ion Ratio Lower Upper

63 100

65 30.6 25.7 38.5



#46

Dibromomethane

Concen: 19.719 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY013159.D

Acq: 31 Mar 2023 11:37

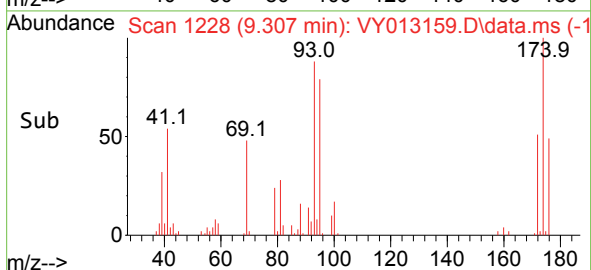
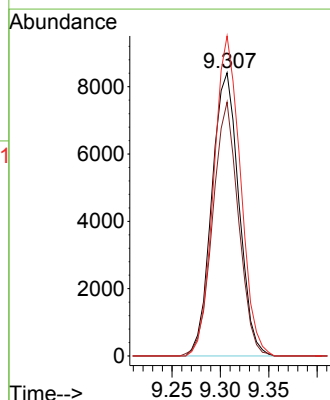
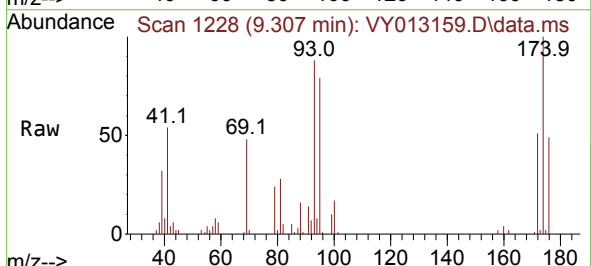
Tgt Ion: 93 Resp: 16354

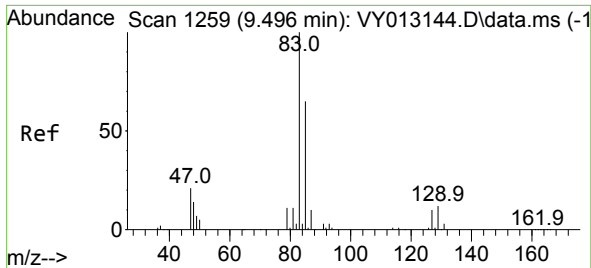
Ion Ratio Lower Upper

93 100

95 85.2 65.6 98.4

174 111.3 81.3 121.9

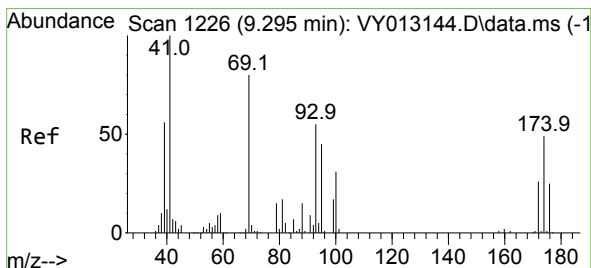
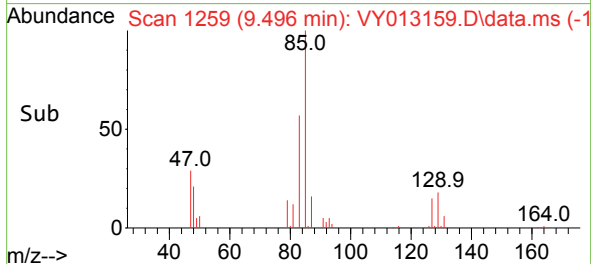
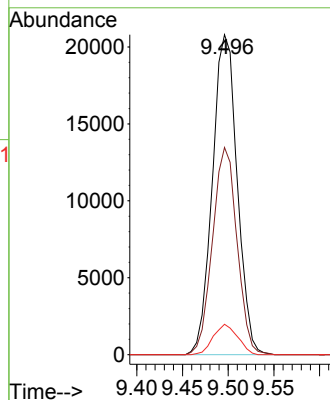
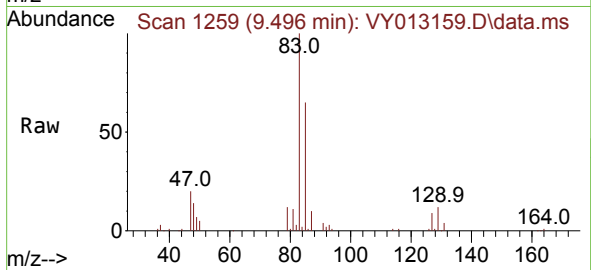




#47
Bromodichloromethane
Concen: 19.610 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY013159.D
Acq: 31 Mar 2023 11:37

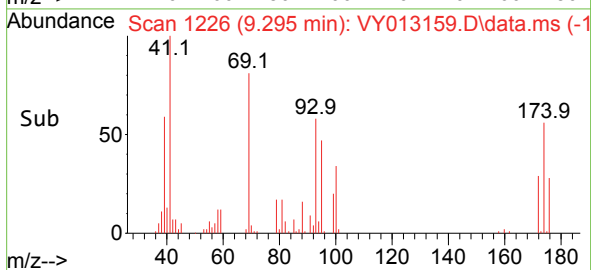
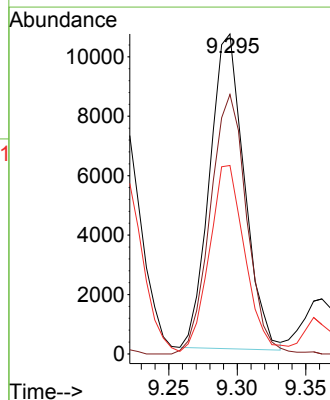
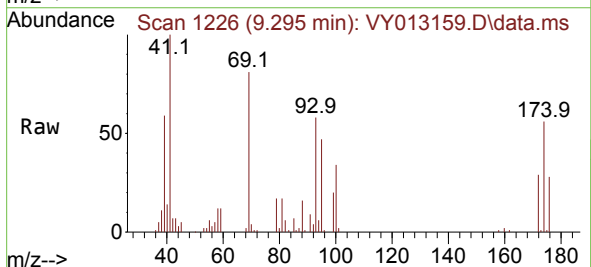
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBSD01

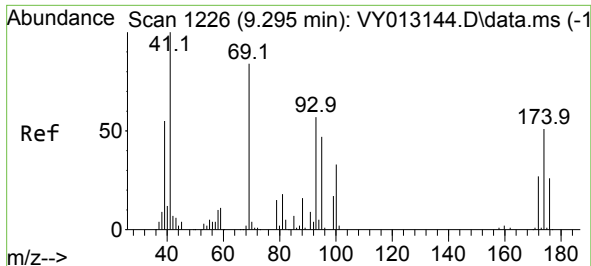
Tgt Ion: 83 Resp: 39242
Ion Ratio Lower Upper
83 100
85 64.8 50.2 75.4
127 9.5 6.3 9.5#



#48
Methyl methacrylate
Concen: 19.781 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY013159.D
Acq: 31 Mar 2023 11:37

Tgt Ion: 41 Resp: 18699
Ion Ratio Lower Upper
41 100
69 86.5 64.1 96.1
39 60.6 44.0 66.0





#49

1,4-Dioxane

Concen: 458.623 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY013159.D

Acq: 31 Mar 2023 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBSD01

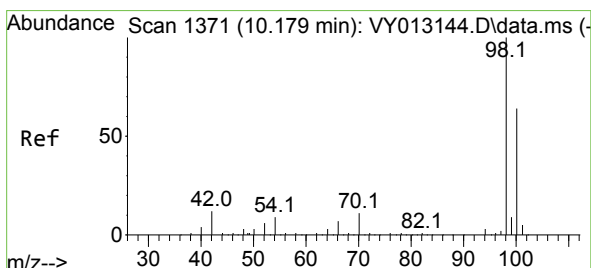
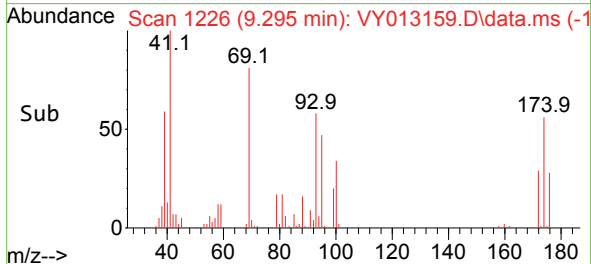
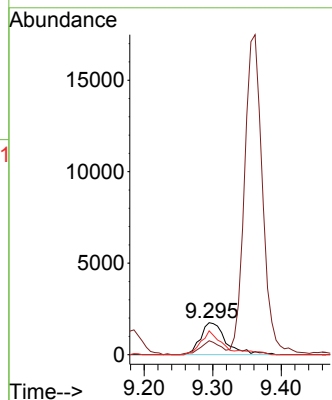
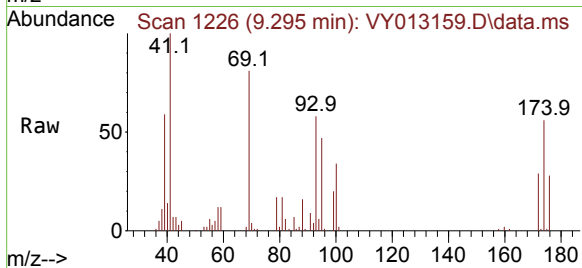
Tgt Ion: 88 Resp: 4525

Ion Ratio Lower Upper

88 100

43 33.4 28.6 42.8

58 67.6 55.2 82.8



#50

Toluene-d8

Concen: 50.174 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY013159.D

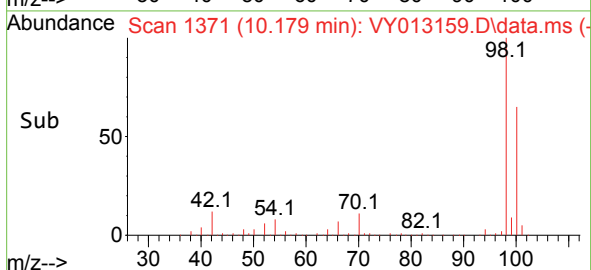
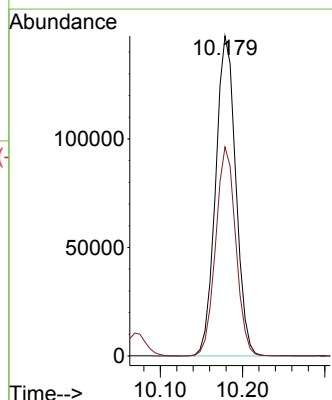
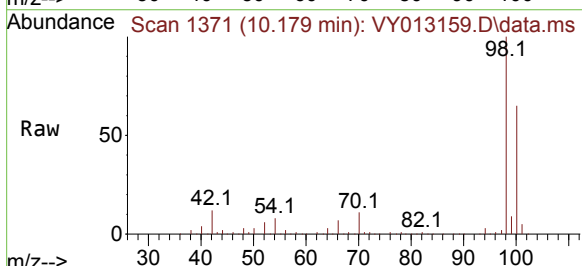
Acq: 31 Mar 2023 11:37

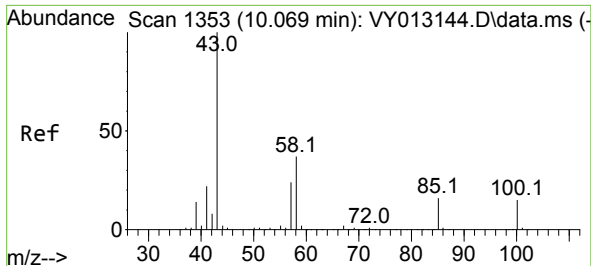
Tgt Ion: 98 Resp: 251158

Ion Ratio Lower Upper

98 100

100 65.1 50.9 76.3

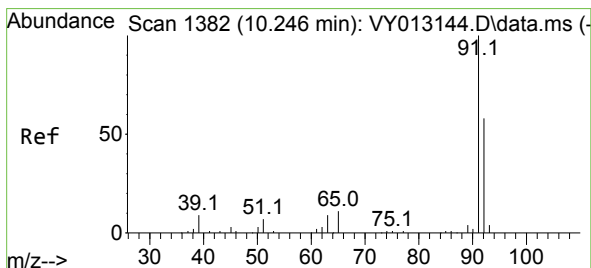
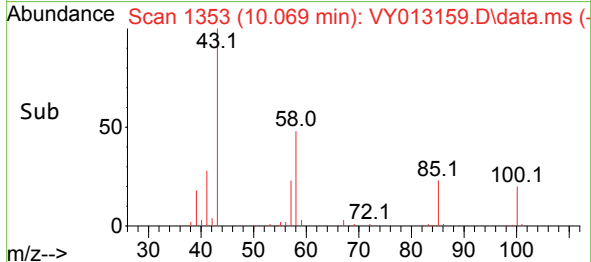
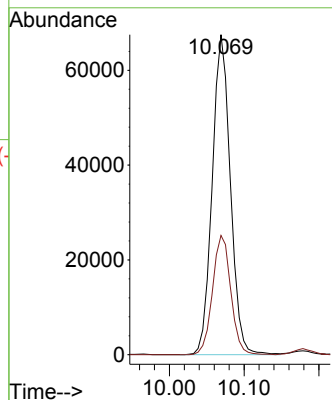
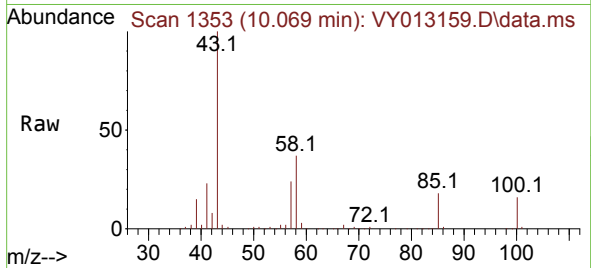




#51
4-Methyl-2-Pentanone
Concen: 104.101 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013159.D
Acq: 31 Mar 2023 11:37

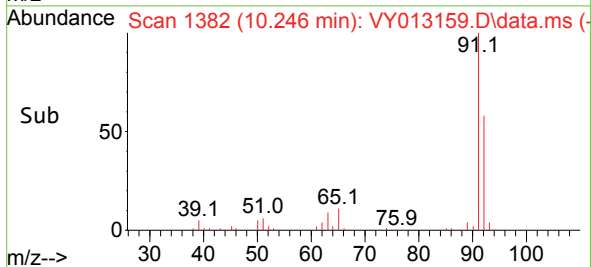
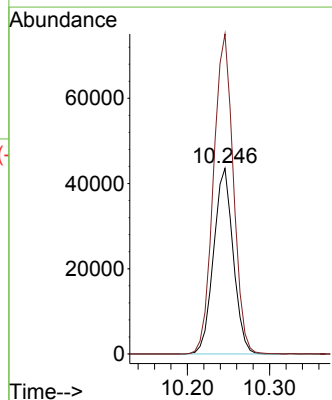
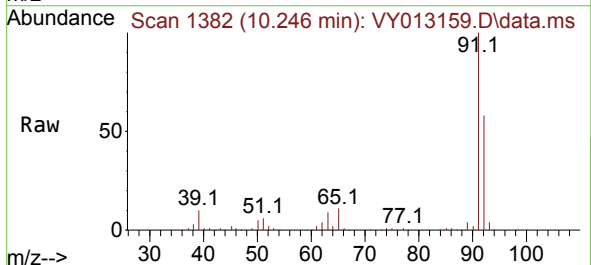
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBSD01

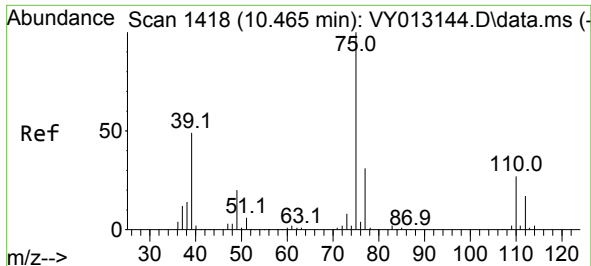
Tgt Ion: 43 Resp: 114036
Ion Ratio Lower Upper
43 100
58 37.5 29.8 44.6



#52
Toluene
Concen: 20.185 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY013159.D
Acq: 31 Mar 2023 11:37

Tgt Ion: 92 Resp: 72188
Ion Ratio Lower Upper
92 100
91 174.8 141.3 211.9





#53

t-1,3-Dichloropropene

Concen: 20.080 ug/l

RT: 10.465 min Scan# 1418

Delta R.T. 0.000 min

Lab File: VY013159.D

Acq: 31 Mar 2023 11:37

Instrument :

MSVOA_Y

ClientSampleId :

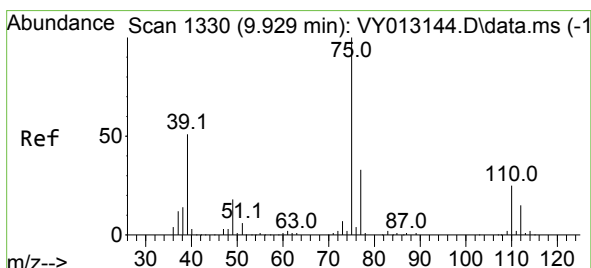
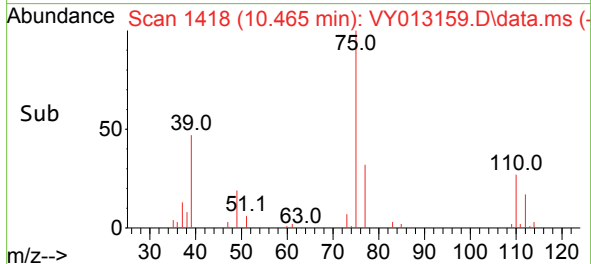
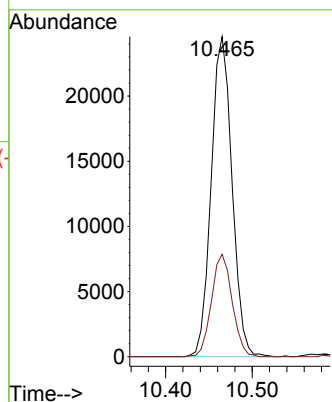
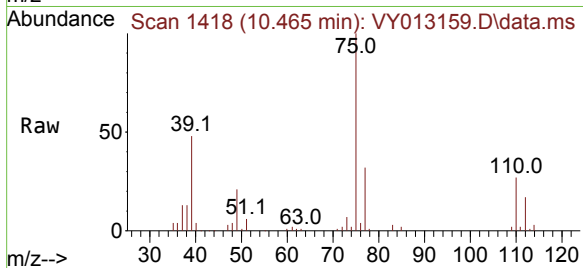
VY0331SBSD01

Tgt Ion: 75 Resp: 41072

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 19.705 ug/l

RT: 9.929 min Scan# 1330

Delta R.T. -0.000 min

Lab File: VY013159.D

Acq: 31 Mar 2023 11:37

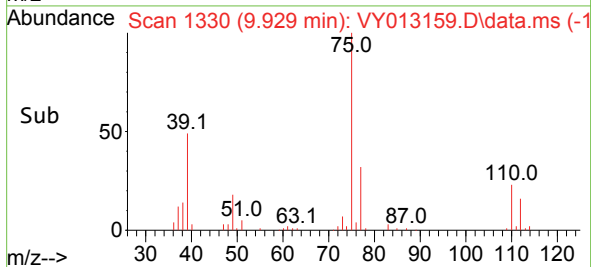
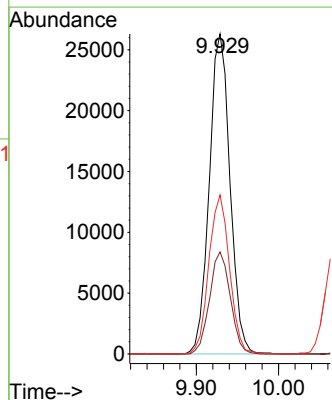
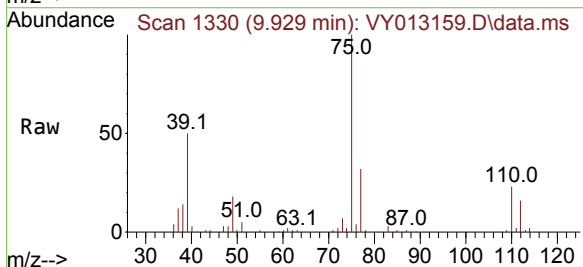
Tgt Ion: 75 Resp: 46033

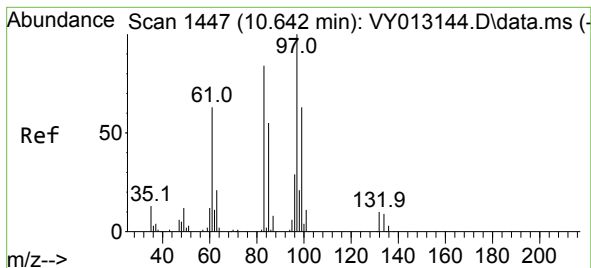
Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.0

39 49.7 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 20.090 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY013159.D

Acq: 31 Mar 2023 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

Tgt Ion: 97 Resp: 23032

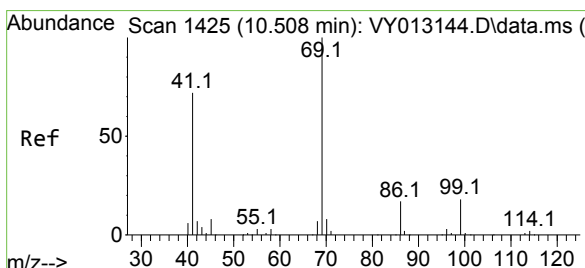
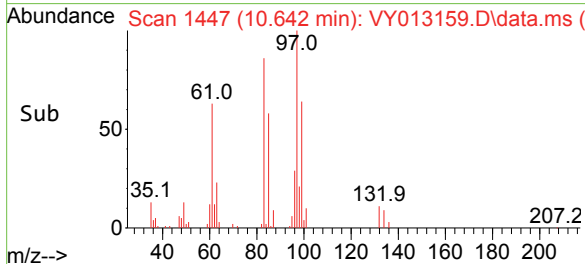
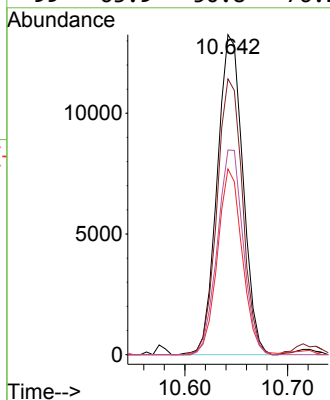
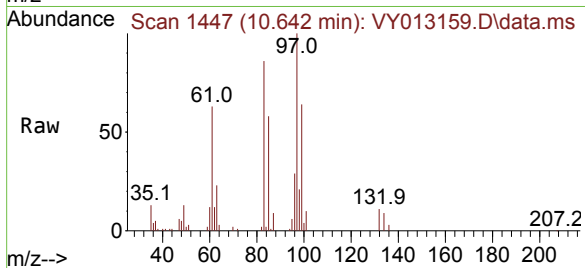
Ion Ratio Lower Upper

97 100

83 86.2 69.0 103.6

85 58.1 44.9 67.3

99 63.9 50.8 76.2



#56

Ethyl methacrylate

Concen: 20.815 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY013159.D

Acq: 31 Mar 2023 11:37

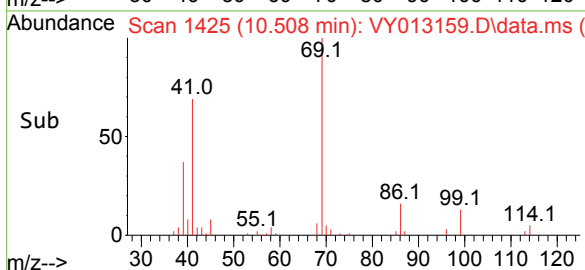
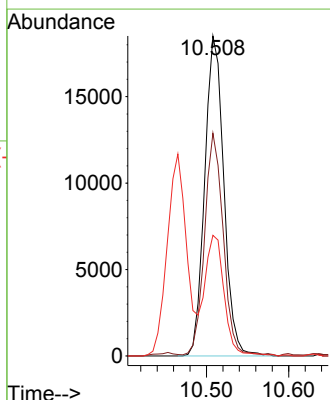
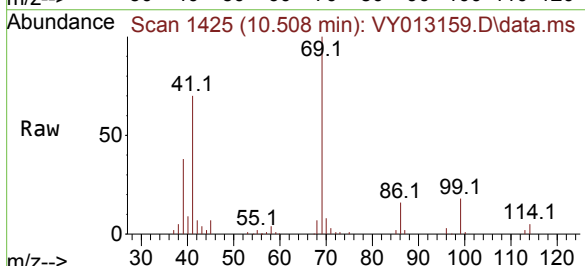
Tgt Ion: 69 Resp: 30003

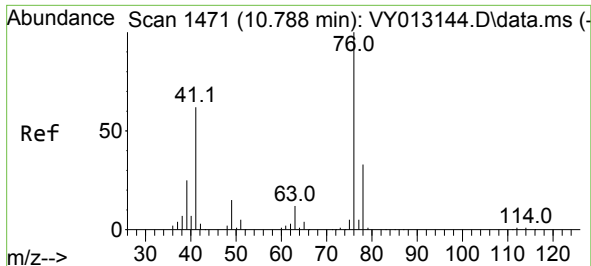
Ion Ratio Lower Upper

69 100

41 68.3 56.4 84.6

39 37.4 30.8 46.2

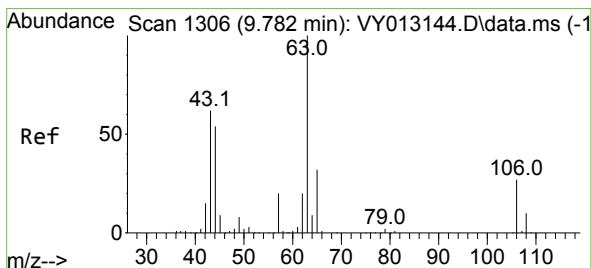
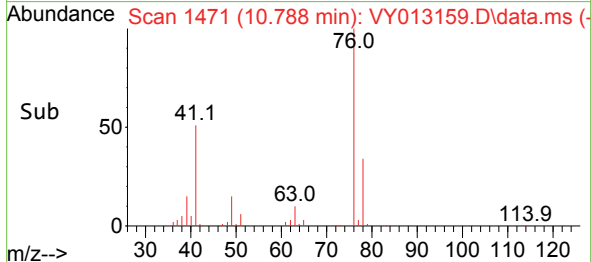
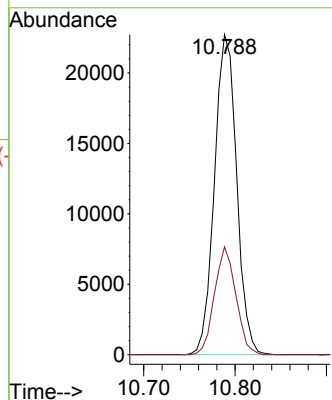
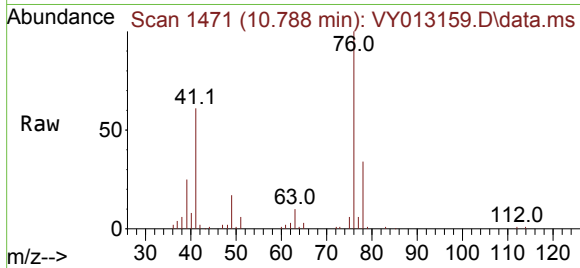




#57
1,3-Dichloropropane
Concen: 19.794 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VY013159.D
Acq: 31 Mar 2023 11:37

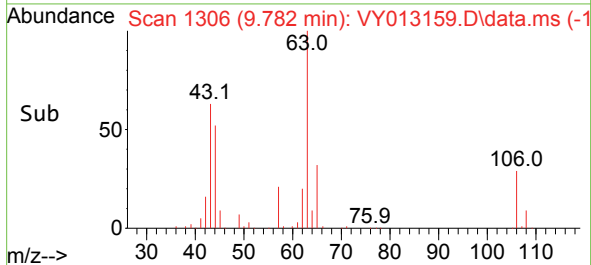
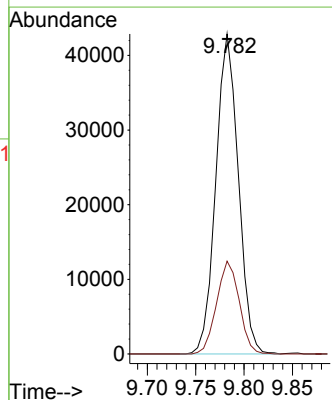
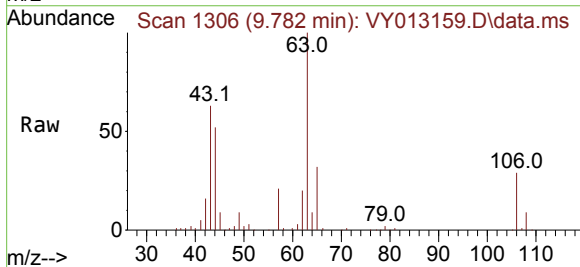
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBSD01

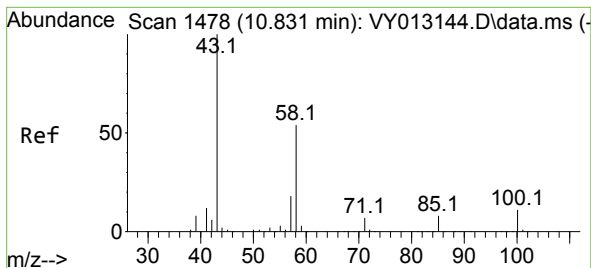
Tgt Ion: 76 Resp: 38308
Ion Ratio Lower Upper
76 100
78 32.5 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 102.674 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY013159.D
Acq: 31 Mar 2023 11:37

Tgt Ion: 63 Resp: 69199
Ion Ratio Lower Upper
63 100
106 29.1 22.1 33.1





#59

2-Hexanone

Concen: 103.020 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY013159.D

Acq: 31 Mar 2023 11:37

Instrument :

MSVOA_Y

ClientSampleId :

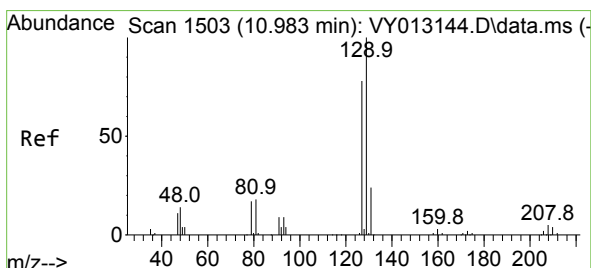
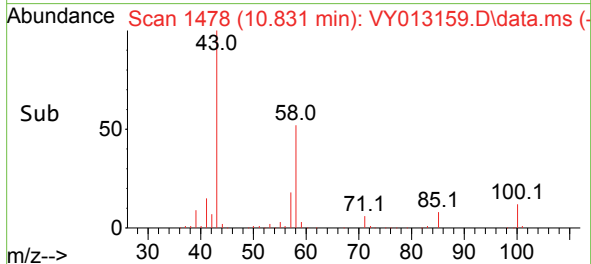
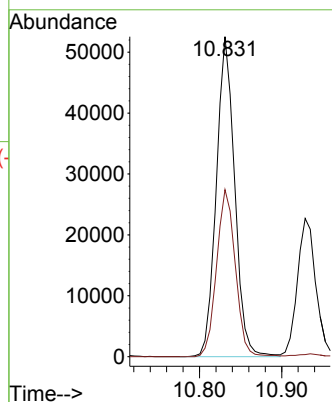
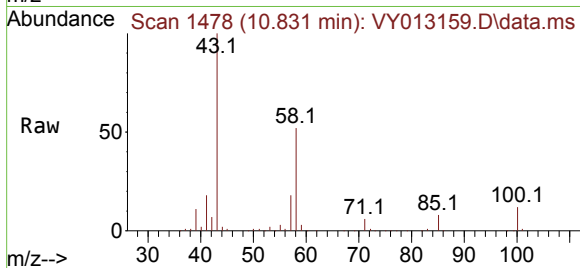
VY0331SBSD01

Tgt Ion: 43 Resp: 81617

Ion Ratio Lower Upper

43 100

58 53.2 25.9 77.8



#60

Dibromochloromethane

Concen: 20.522 ug/l

RT: 10.983 min Scan# 1503

Delta R.T. 0.000 min

Lab File: VY013159.D

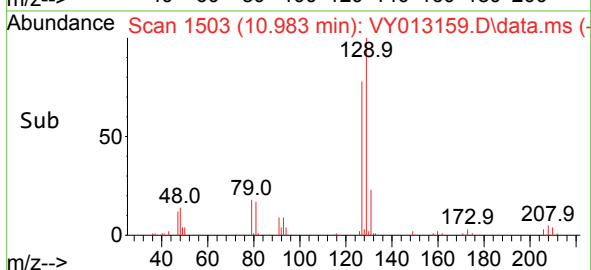
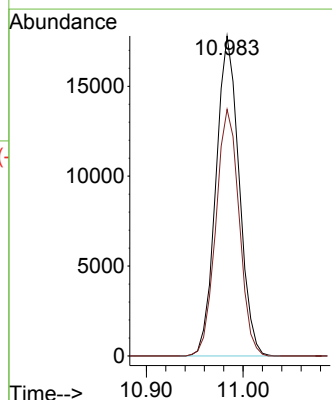
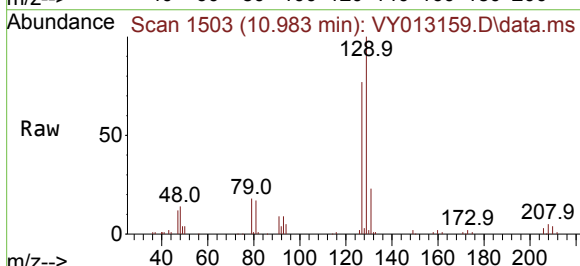
Acq: 31 Mar 2023 11:37

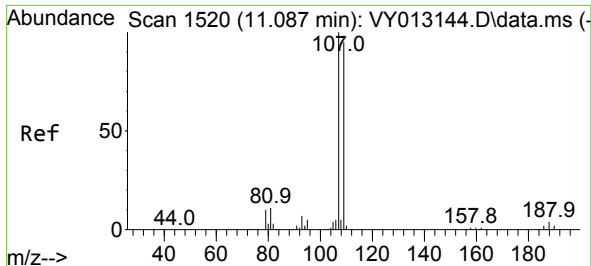
Tgt Ion:129 Resp: 29549

Ion Ratio Lower Upper

129 100

127 77.4 38.7 116.1

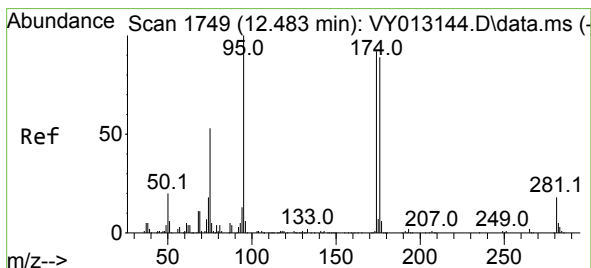
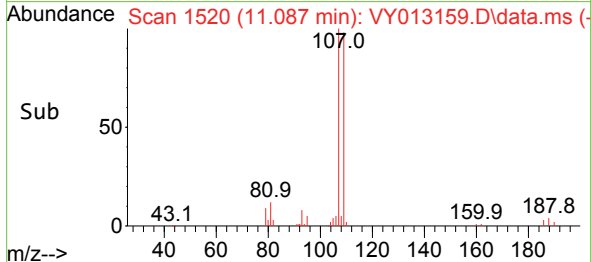
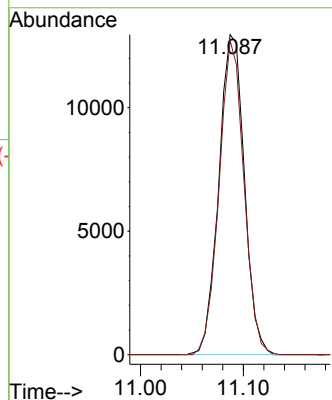
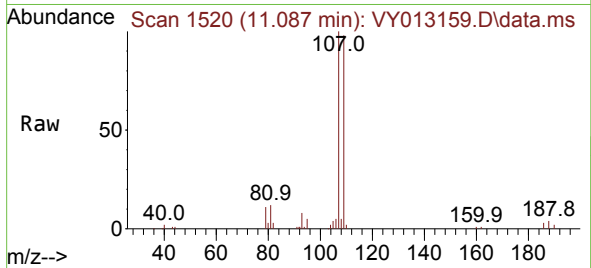




#61
1,2-Dibromoethane
Concen: 20.099 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013159.D
Acq: 31 Mar 2023 11:37

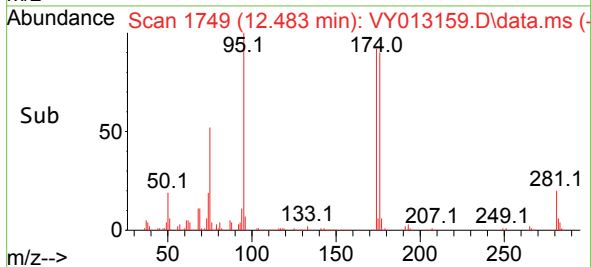
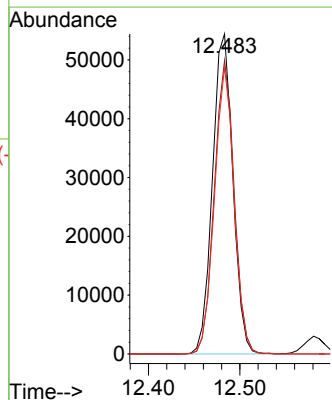
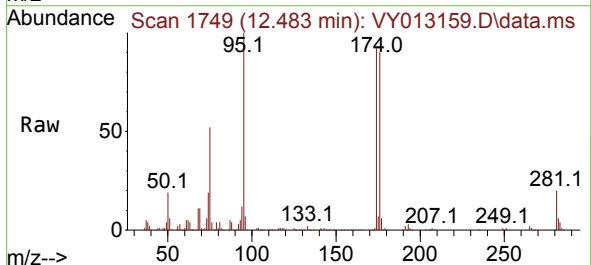
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

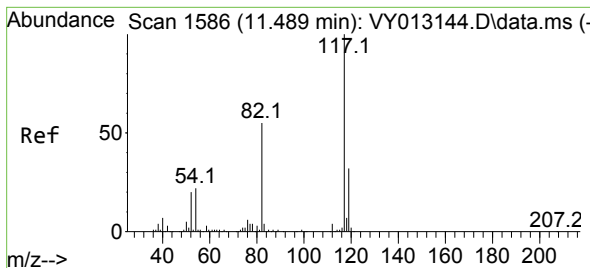
Tgt Ion:107 Resp: 22326
Ion Ratio Lower Upper
107 100
109 95.2 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 51.785 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013159.D
Acq: 31 Mar 2023 11:37

Tgt Ion: 95 Resp: 84378
Ion Ratio Lower Upper
95 100
174 89.7 0.0 176.6
176 86.3 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013159.D

Acq: 31 Mar 2023 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBSD01

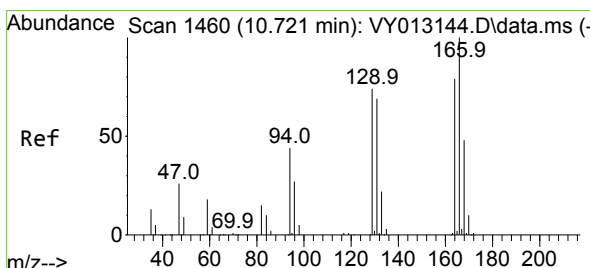
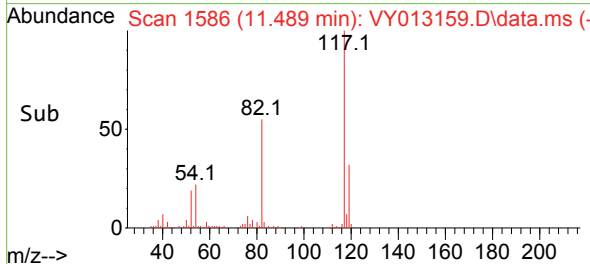
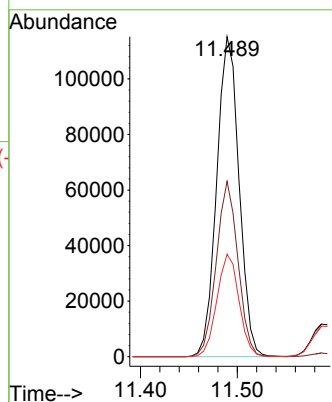
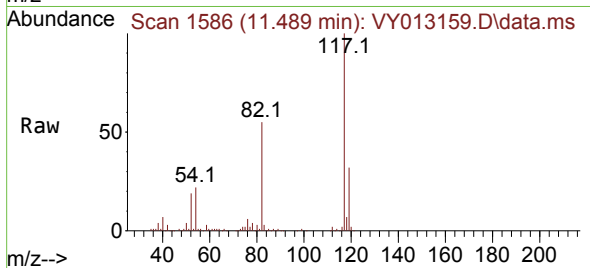
Tgt Ion:117 Resp: 184773

Ion Ratio Lower Upper

117 100

82 54.8 45.4 68.0

119 32.0 25.6 38.4



#64

Tetrachloroethene

Concen: 20.298 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY013159.D

Acq: 31 Mar 2023 11:37

Tgt Ion:164 Resp: 28833

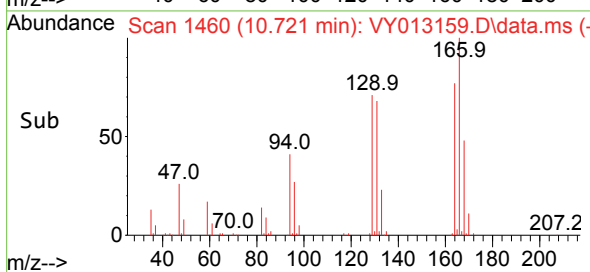
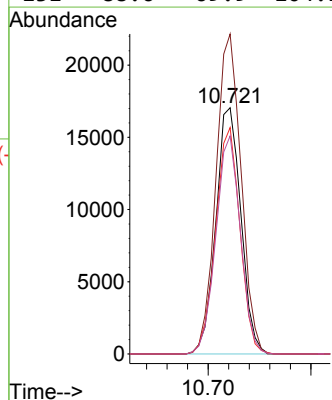
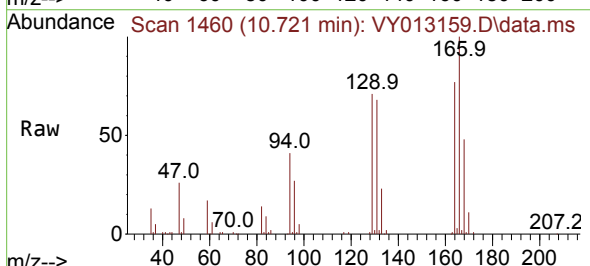
Ion Ratio Lower Upper

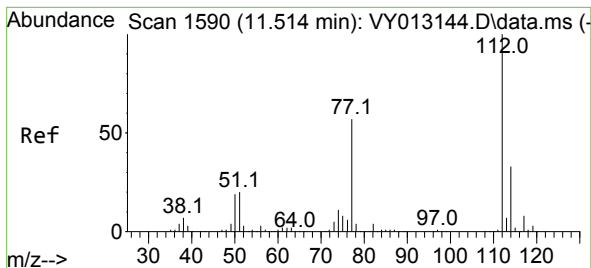
164 100

166 130.0 103.4 155.2

129 92.0 71.4 107.2

131 88.6 69.9 104.9





#65

Chlorobenzene

Concen: 19.852 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013159.D

Acq: 31 Mar 2023 11:37

Instrument :

MSVOA_Y

ClientSampleId :

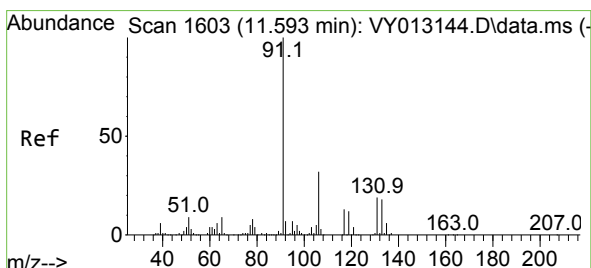
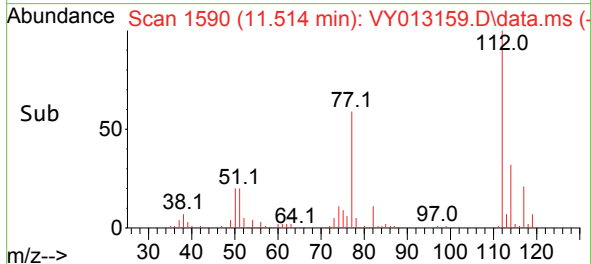
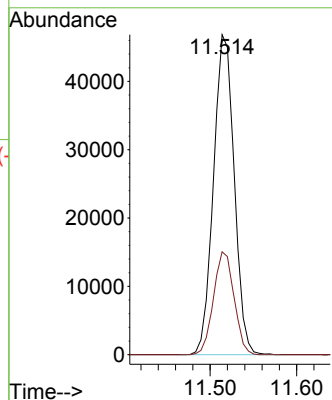
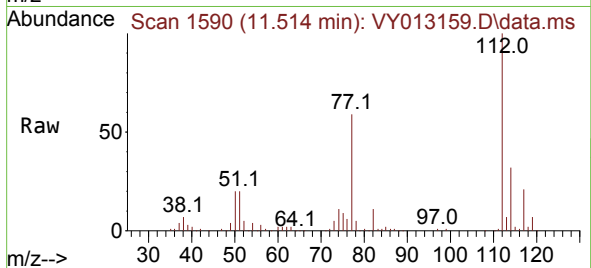
VY0331SBSD01

Tgt Ion:112 Resp: 77870

Ion Ratio Lower Upper

112 100

114 32.1 24.5 36.7



#66

1,1,1,2-Tetrachloroethane

Concen: 20.132 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY013159.D

Acq: 31 Mar 2023 11:37

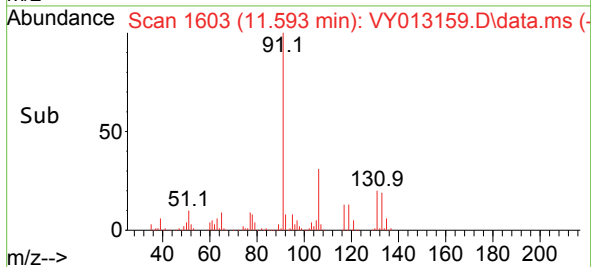
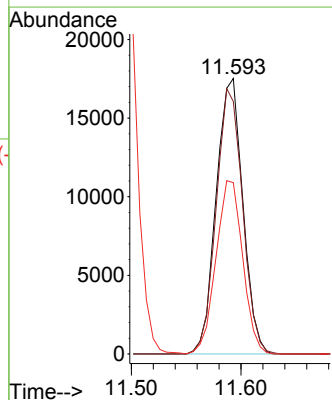
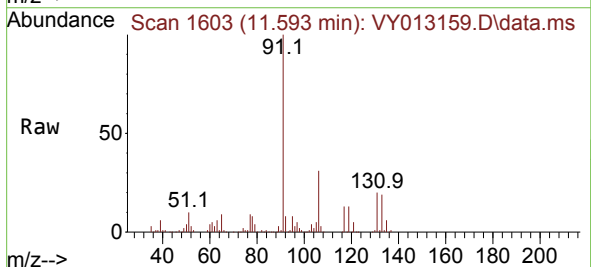
Tgt Ion:131 Resp: 29606

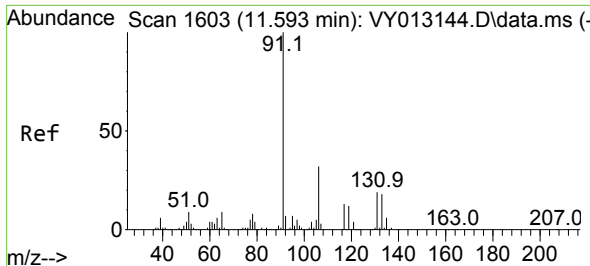
Ion Ratio Lower Upper

131 100

133 95.4 48.0 144.0

119 63.0 32.6 98.0





#67

Ethyl Benzene

Concen: 19.908 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY013159.D

Acq: 31 Mar 2023 11:37

Instrument :

MSVOA_Y

ClientSampleId :

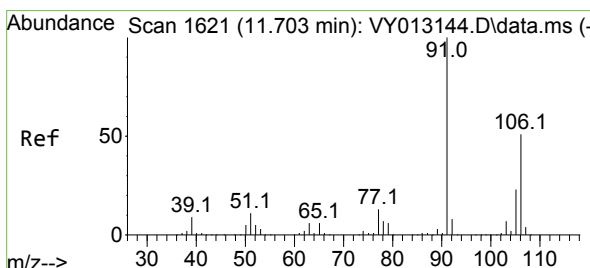
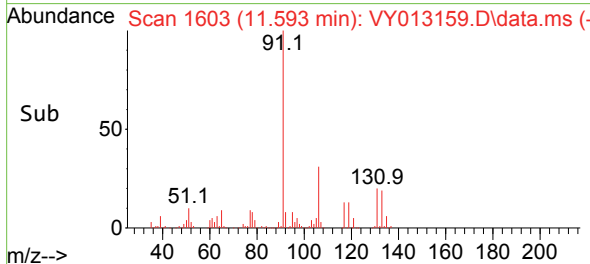
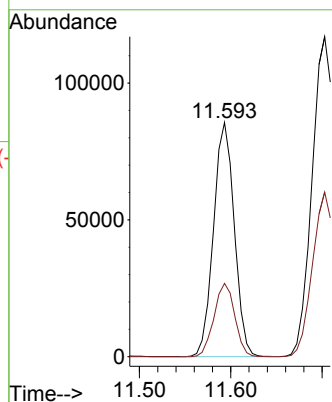
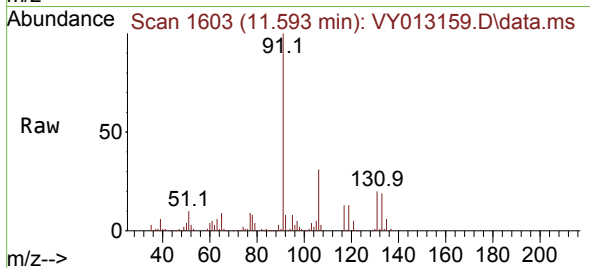
VY0331SBSD01

Tgt Ion: 91 Resp: 134876

Ion Ratio Lower Upper

91 100

106 31.3 25.1 37.7



#68

m/p-Xylenes

Concen: 40.892 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY013159.D

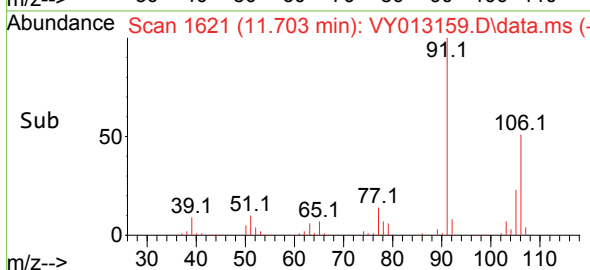
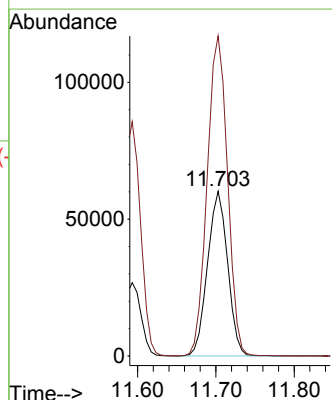
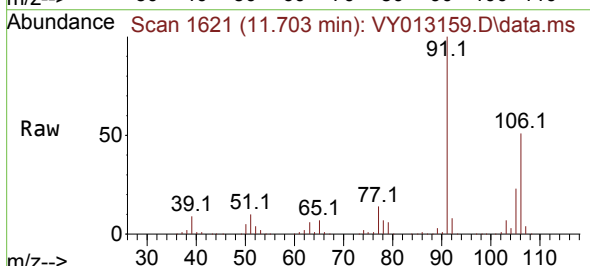
Acq: 31 Mar 2023 11:37

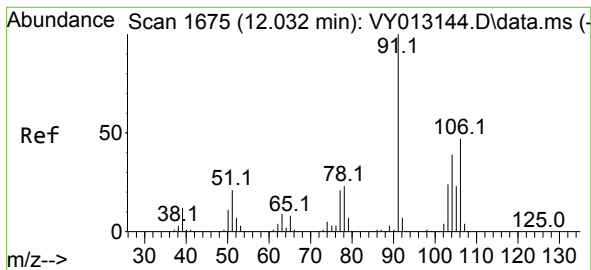
Tgt Ion:106 Resp: 107168

Ion Ratio Lower Upper

106 100

91 197.1 159.8 239.8

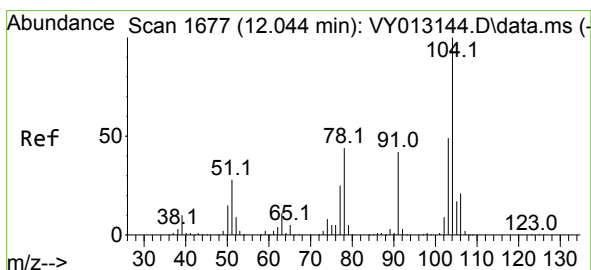
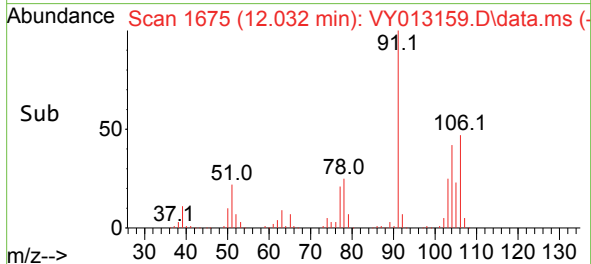
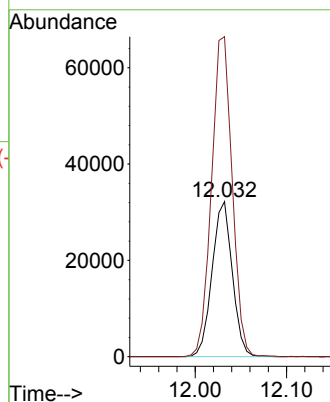
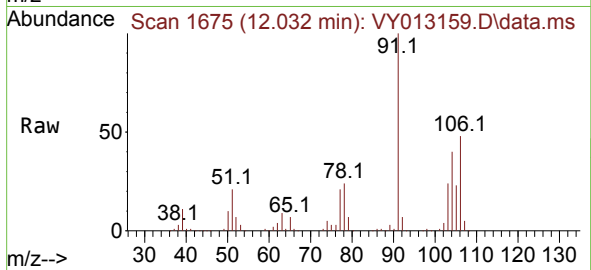




#69
o-Xylene
Concen: 20.294 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY013159.D
Acq: 31 Mar 2023 11:37

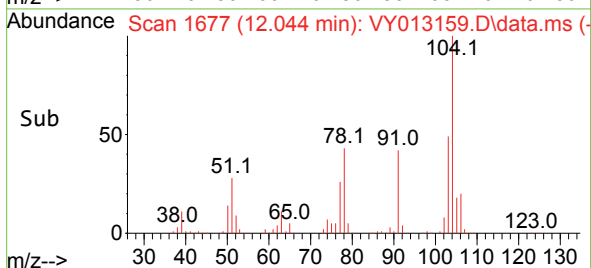
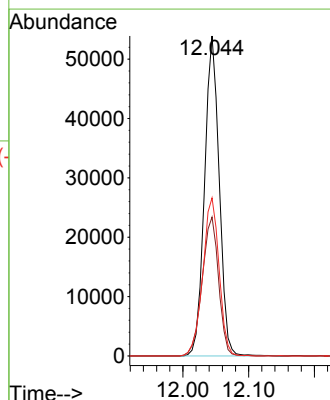
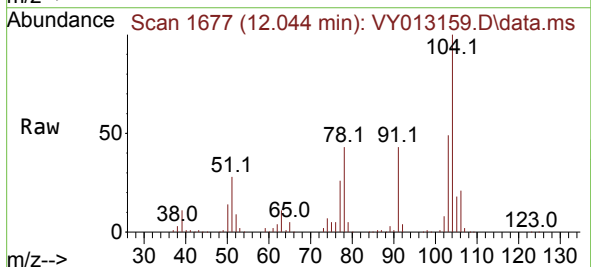
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBSD01

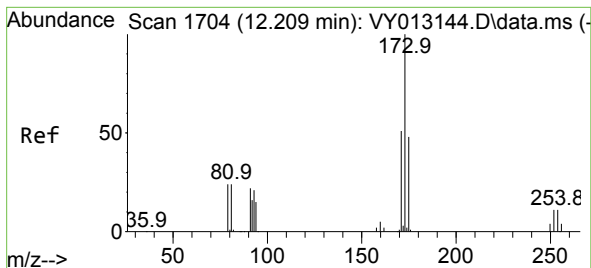
Tgt Ion:106 Resp: 49331
Ion Ratio Lower Upper
106 100
91 211.6 107.2 321.6



#70
Styrene
Concen: 20.574 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013159.D
Acq: 31 Mar 2023 11:37

Tgt Ion:104 Resp: 83664
Ion Ratio Lower Upper
104 100
78 48.6 39.2 58.8
103 54.8 43.7 65.5





#71

Bromoform

Concen: 21.190 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013159.D

Acq: 31 Mar 2023 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

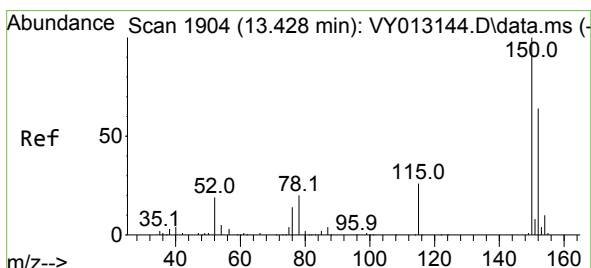
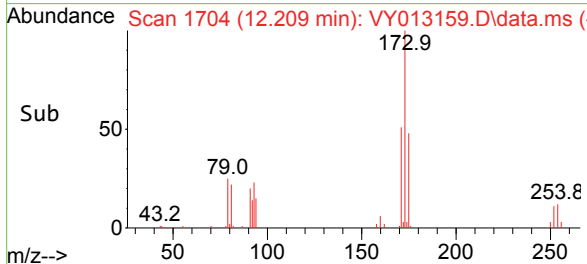
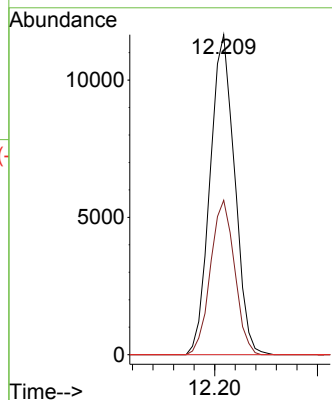
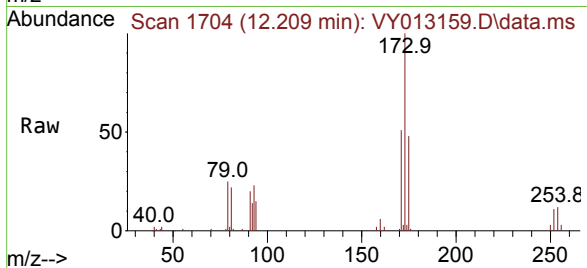
Tgt Ion:173 Resp: 19323

Ion Ratio Lower Upper

173 100

175 47.3 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY013159.D

Acq: 31 Mar 2023 11:37

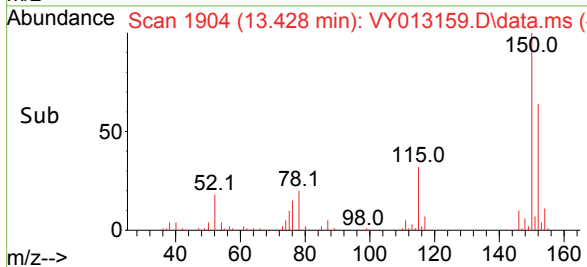
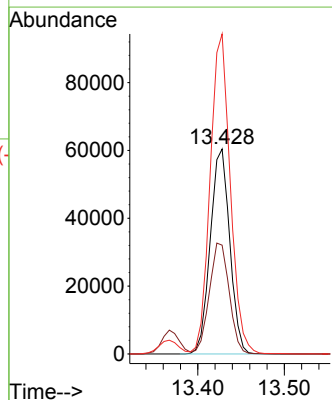
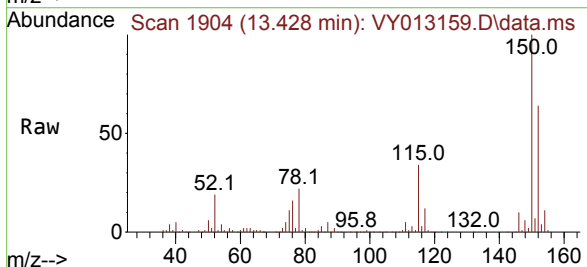
Tgt Ion:152 Resp: 94491

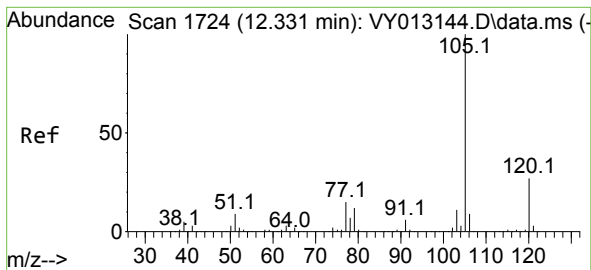
Ion Ratio Lower Upper

152 100

115 55.3 27.1 81.3

150 160.9 0.0 347.8





#73

Isopropylbenzene

Concen: 20.044 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013159.D

Acq: 31 Mar 2023 11:37

Instrument :

MSVOA_Y

ClientSampleId :

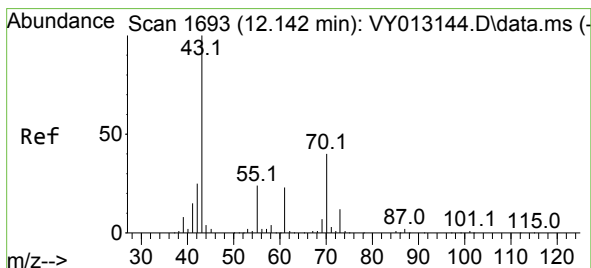
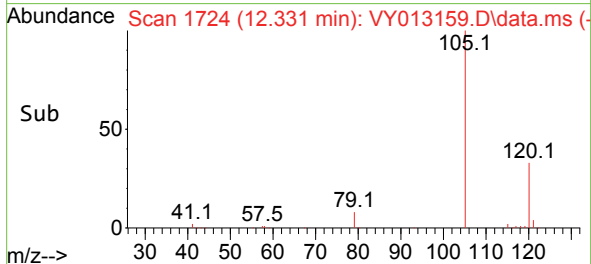
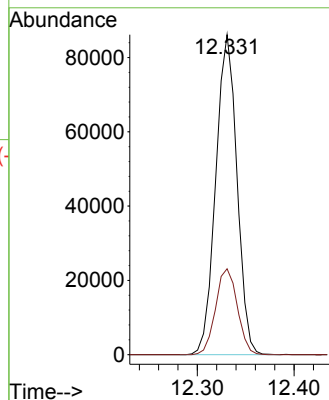
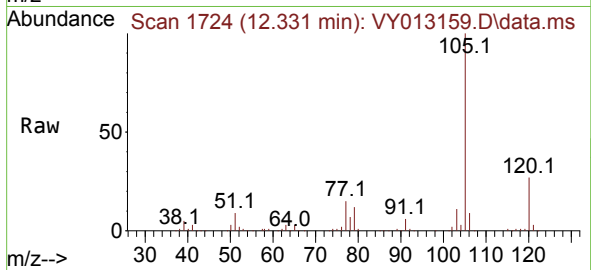
VY0331SBS01

Tgt Ion:105 Resp: 130740

Ion Ratio Lower Upper

105 100

120 27.5 13.4 40.2



#74

N-ethyl acetate

Concen: 19.995 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013159.D

Acq: 31 Mar 2023 11:37

Tgt Ion: 43 Resp: 35808

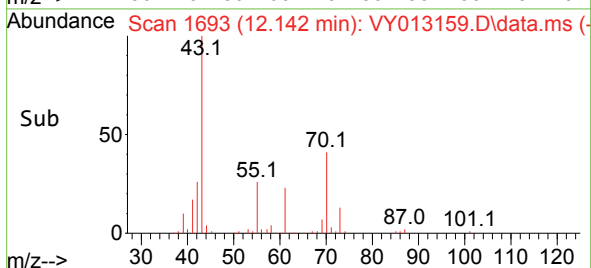
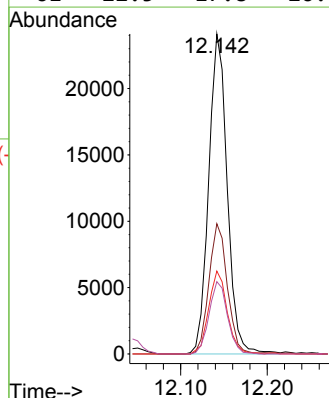
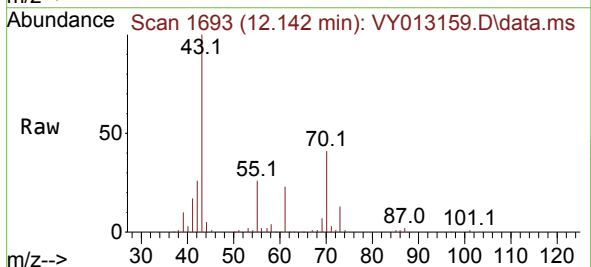
Ion Ratio Lower Upper

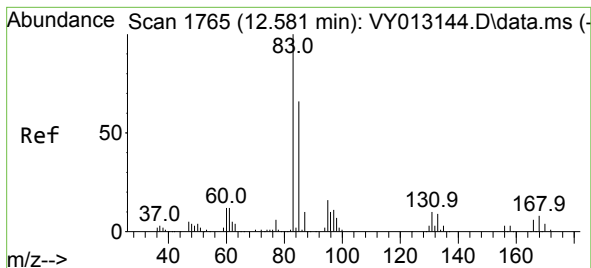
43 100

70 40.4 31.6 47.4

55 25.9 18.8 28.2

61 22.5 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.348 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY013159.D

Acq: 31 Mar 2023 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

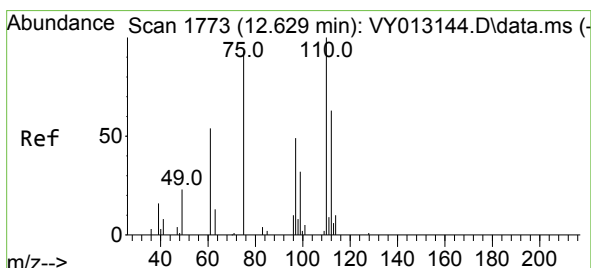
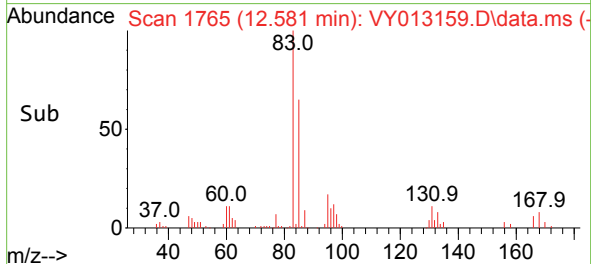
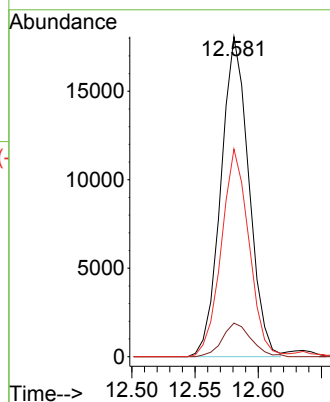
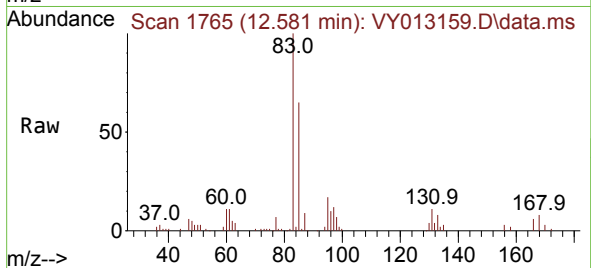
Tgt Ion: 83 Resp: 27800

Ion Ratio Lower Upper

83 100

131 10.8 5.1 15.2

85 64.2 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 33.480 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY013159.D

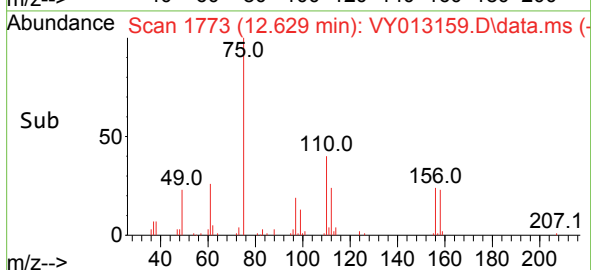
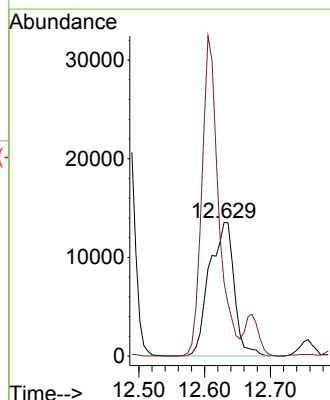
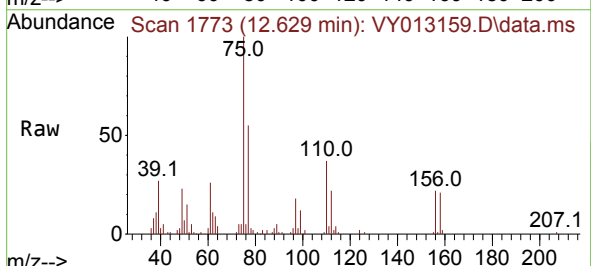
Acq: 31 Mar 2023 11:37

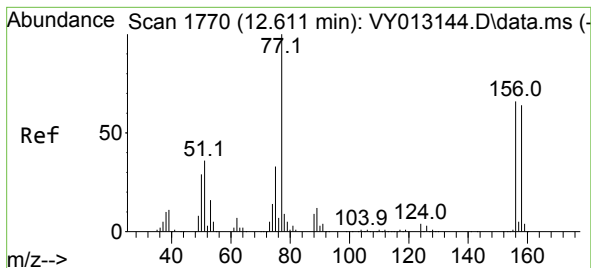
Tgt Ion: 75 Resp: 35539

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.678 ug/l

RT: 12.611 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013159.D

Acq: 31 Mar 2023 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBSD01

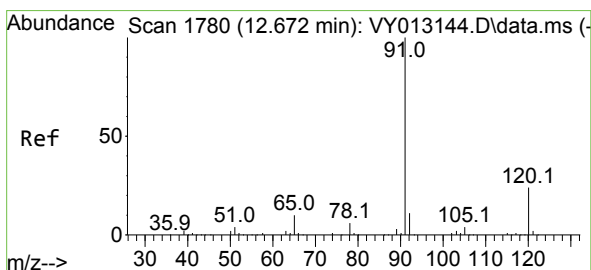
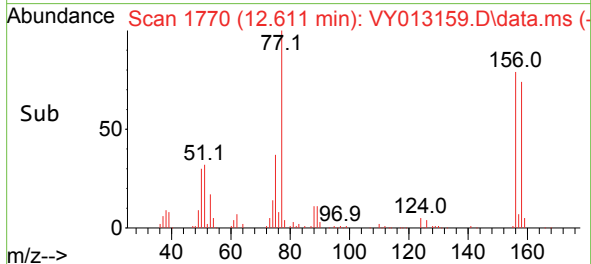
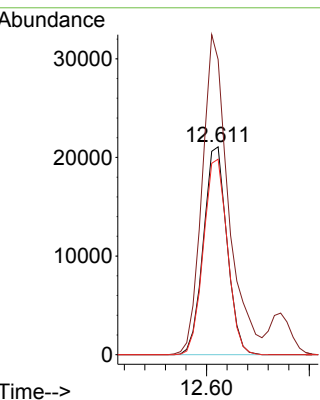
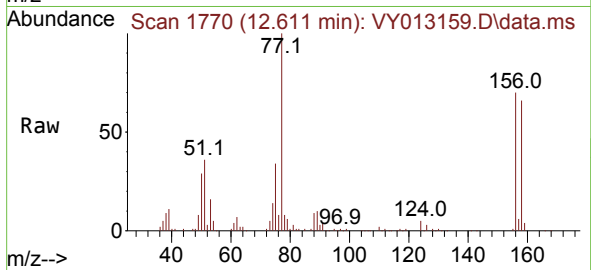
Tgt Ion:156 Resp: 33532

Ion Ratio Lower Upper

156 100

77 172.1 94.0 282.1

158 95.6 48.1 144.4



#78

n-propylbenzene

Concen: 20.022 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013159.D

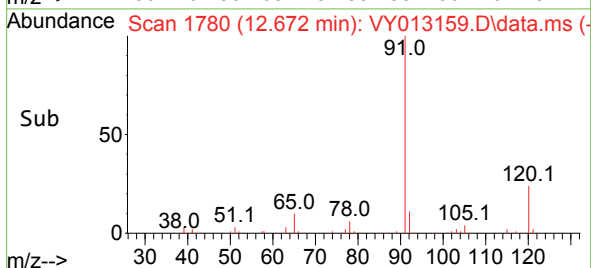
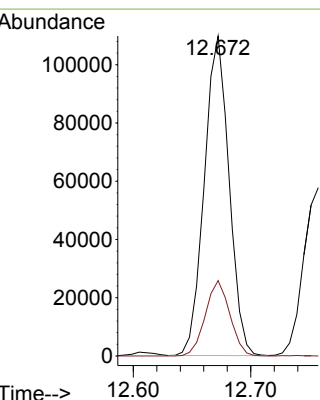
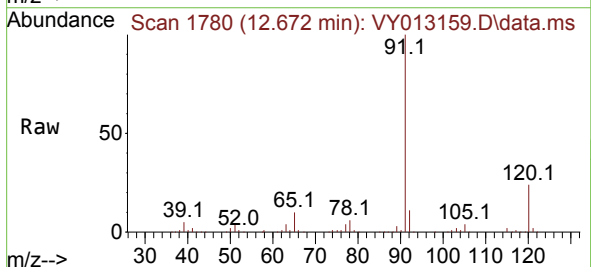
Acq: 31 Mar 2023 11:37

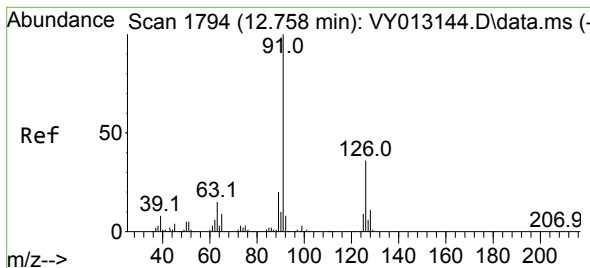
Tgt Ion: 91 Resp: 160570

Ion Ratio Lower Upper

91 100

120 23.3 11.6 34.8

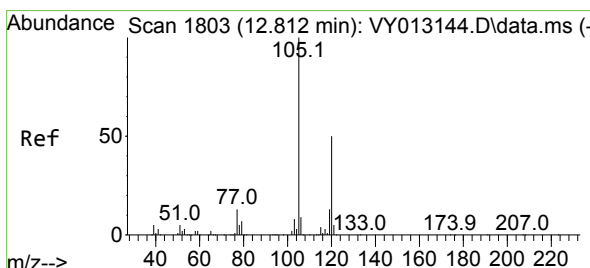
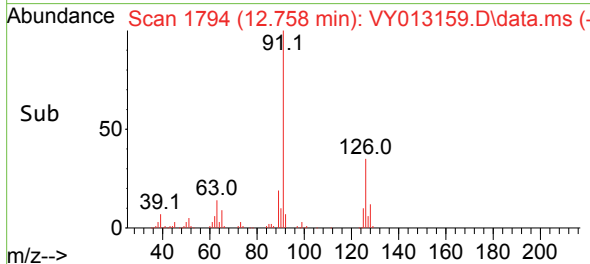
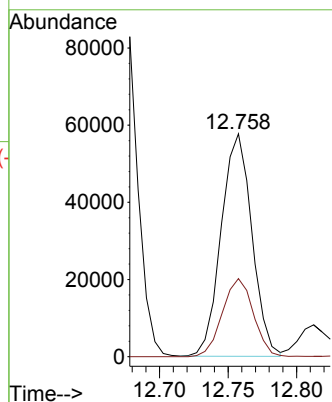
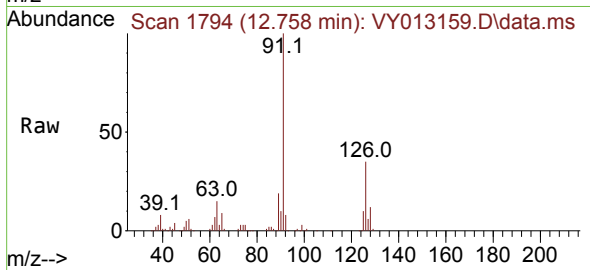




#79
2-Chlorotoluene
Concen: 19.800 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013159.D
Acq: 31 Mar 2023 11:37

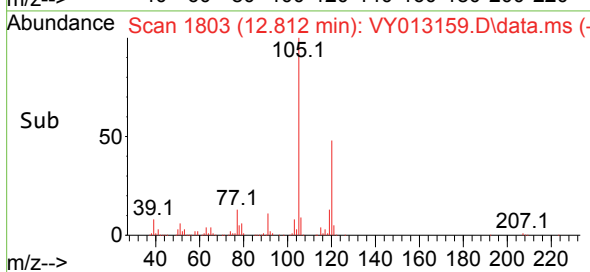
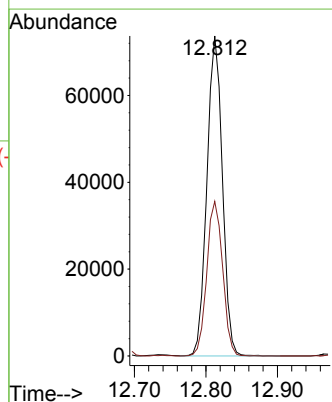
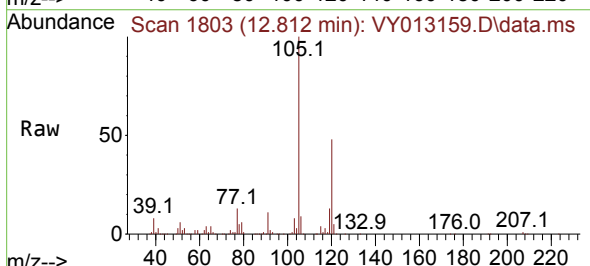
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBSD01

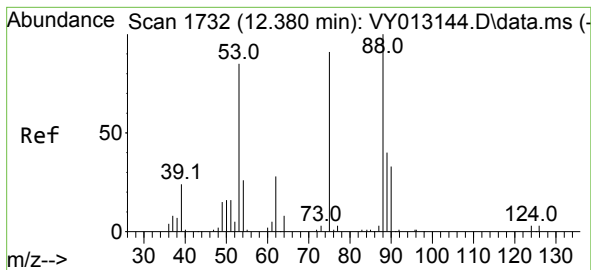
Tgt Ion: 91 Resp: 90103
Ion Ratio Lower Upper
91 100
126 35.5 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 20.330 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013159.D
Acq: 31 Mar 2023 11:37

Tgt Ion: 105 Resp: 110863
Ion Ratio Lower Upper
105 100
120 49.5 24.8 74.4

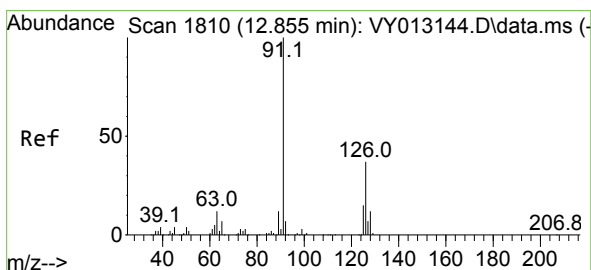
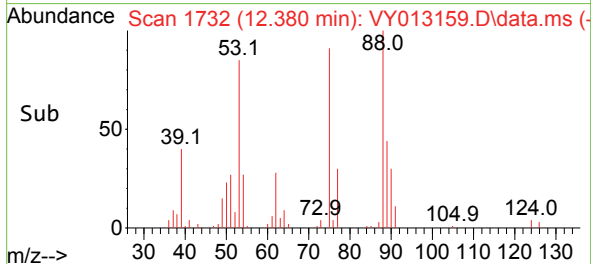
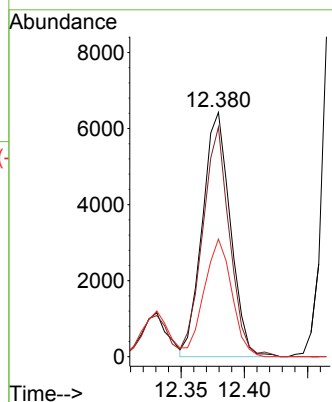
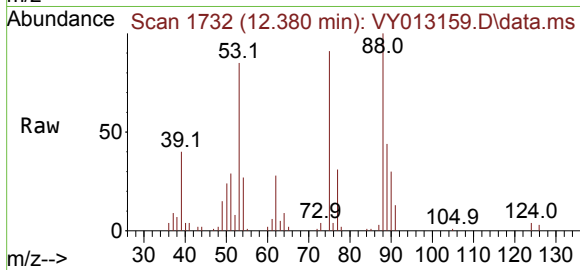




#81
trans-1,4-Dichloro-2-butene
Concen: 20.778 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013159.D
Acq: 31 Mar 2023 11:37

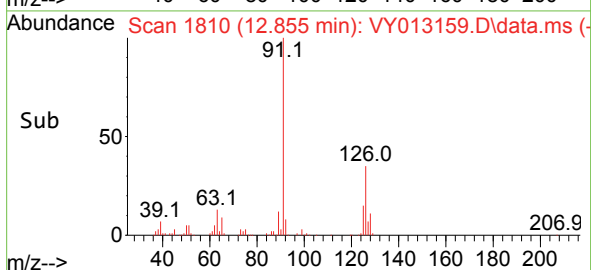
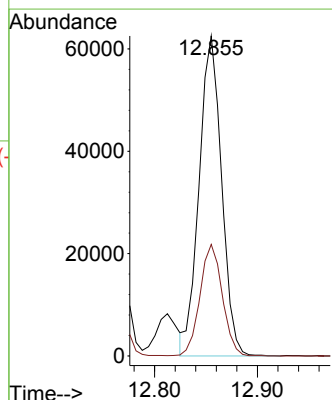
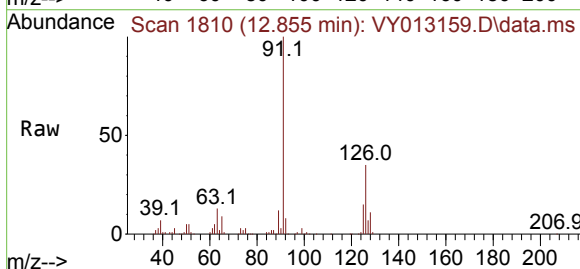
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

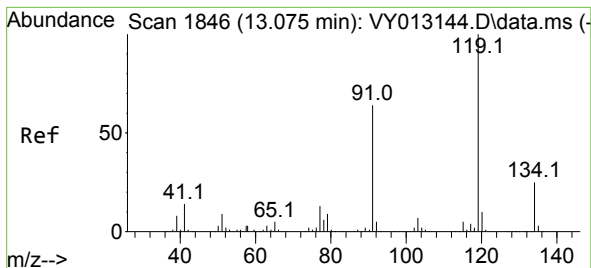
Tgt Ion: 75 Resp: 9890
Ion Ratio Lower Upper
75 100
53 90.5 73.4 110.0
89 47.8 36.6 55.0



#82
4-Chlorotoluene
Concen: 20.066 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY013159.D
Acq: 31 Mar 2023 11:37

Tgt Ion: 91 Resp: 95037
Ion Ratio Lower Upper
91 100
126 34.7 17.7 53.1





#83

tert-Butylbenzene

Concen: 20.312 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY013159.D

Acq: 31 Mar 2023 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBSD01

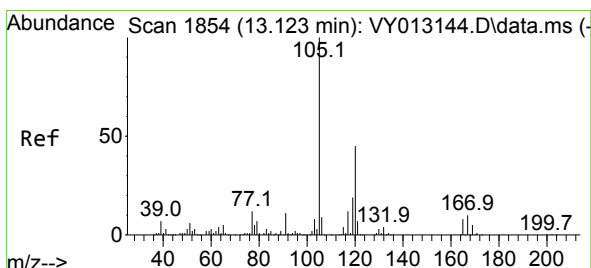
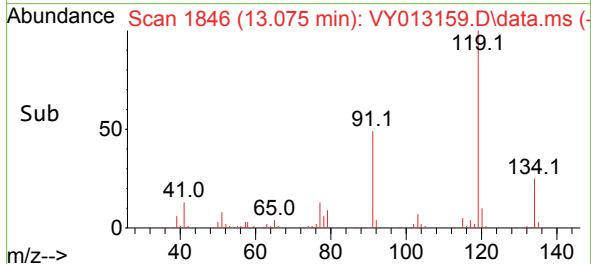
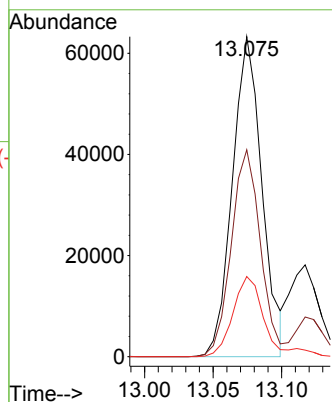
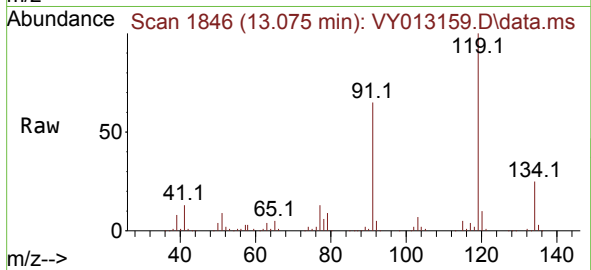
Tgt Ion:119 Resp: 95139

Ion Ratio Lower Upper

119 100

91 63.5 32.8 98.3

134 26.9 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 20.278 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY013159.D

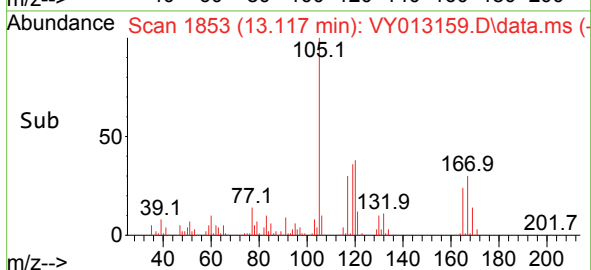
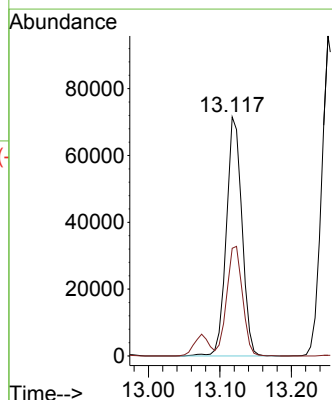
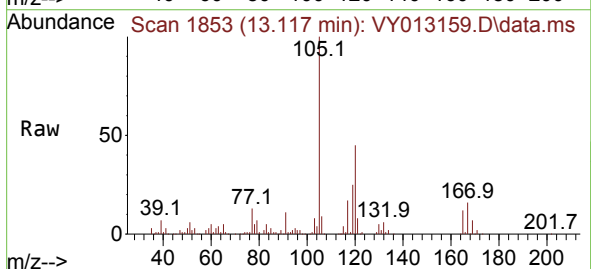
Acq: 31 Mar 2023 11:37

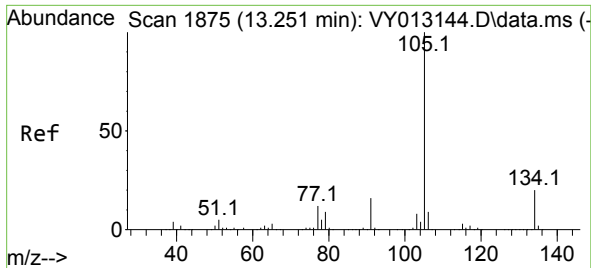
Tgt Ion:105 Resp: 108290

Ion Ratio Lower Upper

105 100

120 46.4 23.0 69.0

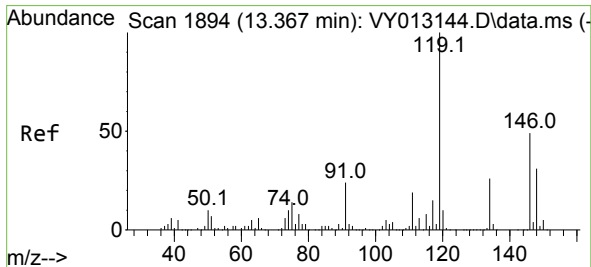
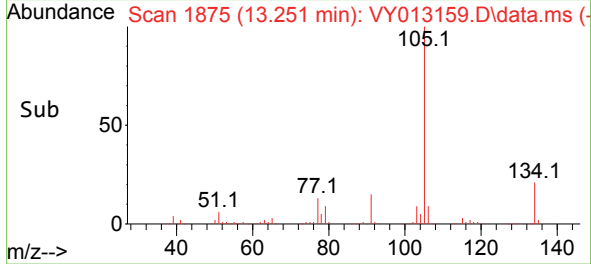
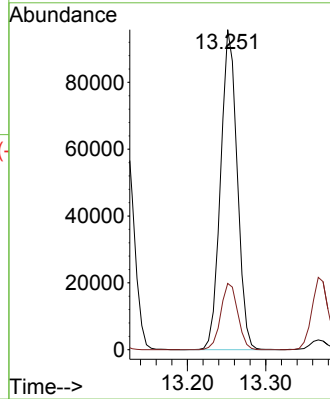
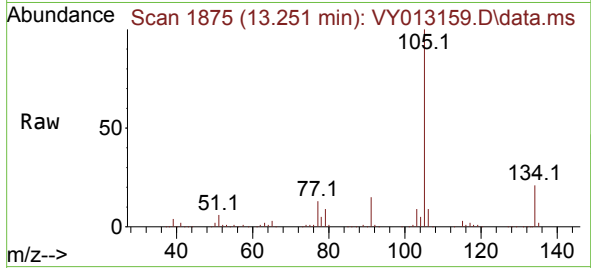




#85
 sec-Butylbenzene
 Concen: 19.975 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY013159.D
 Acq: 31 Mar 2023 11:37

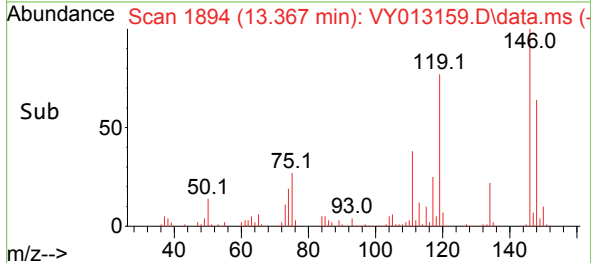
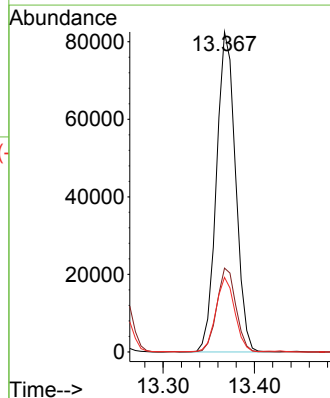
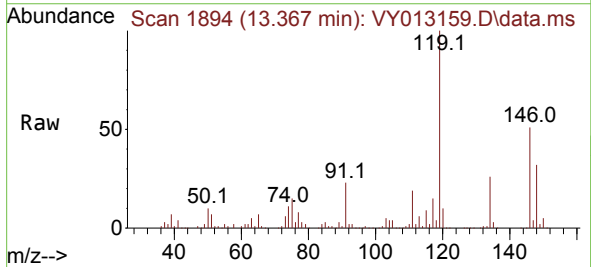
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBSD01

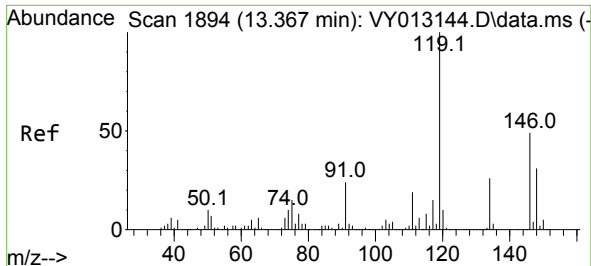
Tgt Ion:105 Resp: 141269
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 20.615 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY013159.D
 Acq: 31 Mar 2023 11:37

Tgt Ion:119 Resp: 120023
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.2 39.6
 91 22.9 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 20.131 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013159.D

Acq: 31 Mar 2023 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBSD01

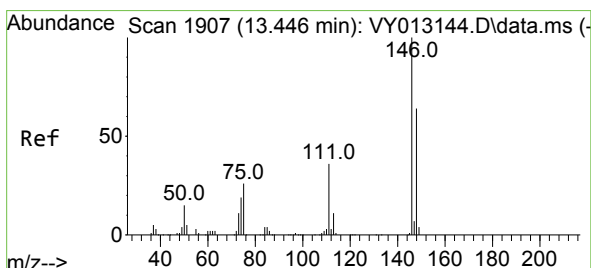
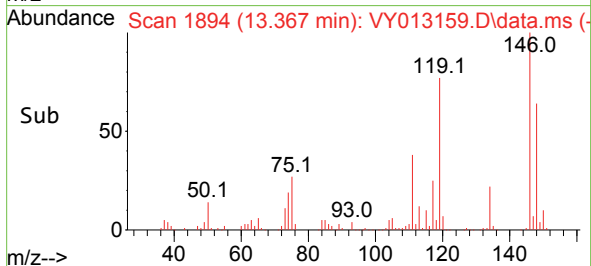
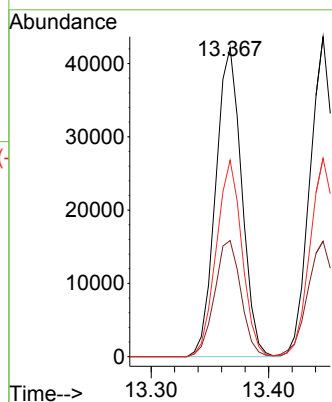
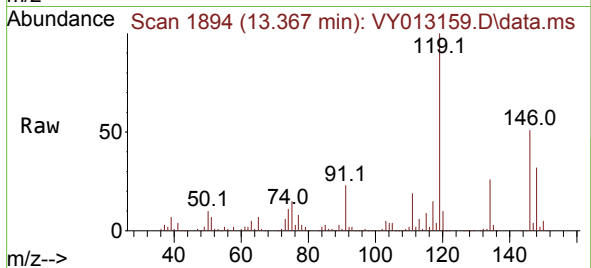
Tgt Ion:146 Resp: 64714

Ion Ratio Lower Upper

146 100

111 38.1 19.1 57.5

148 62.8 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 20.082 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY013159.D

Acq: 31 Mar 2023 11:37

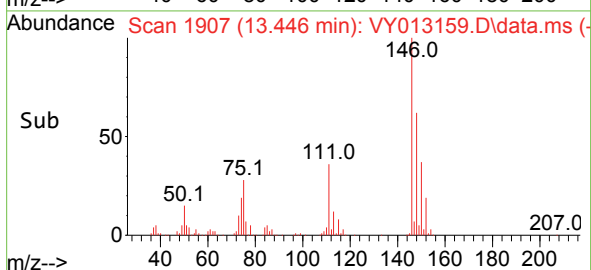
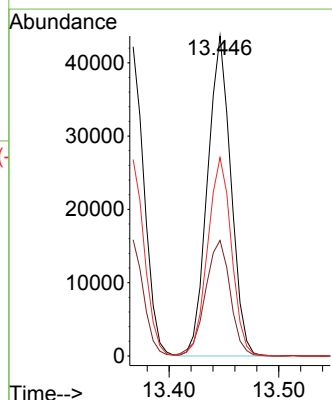
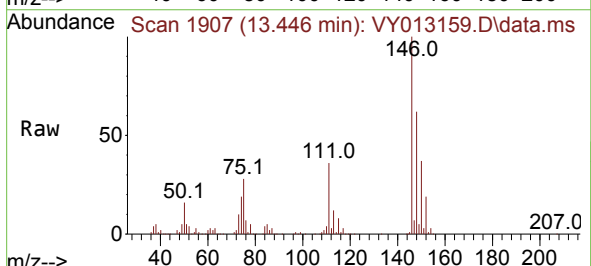
Tgt Ion:146 Resp: 64688

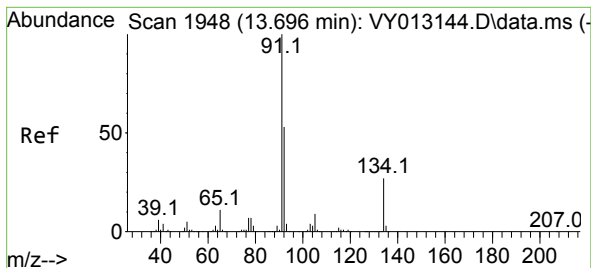
Ion Ratio Lower Upper

146 100

111 38.5 18.6 55.8

148 63.4 31.5 94.5





#89

n-Butylbenzene

Concen: 19.749 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013159.D

Acq: 31 Mar 2023 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBSD01

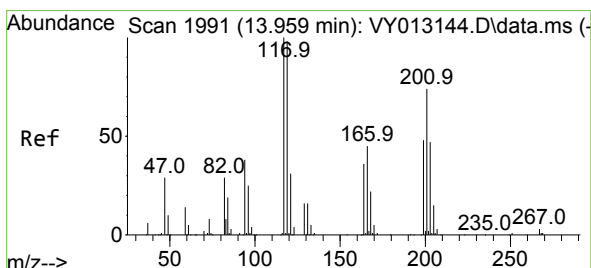
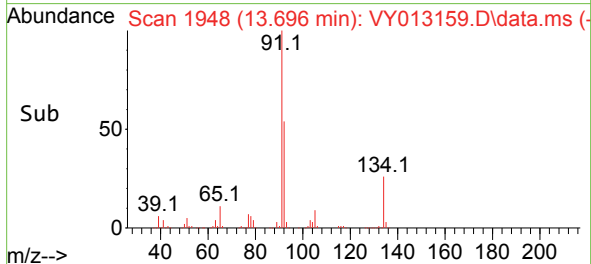
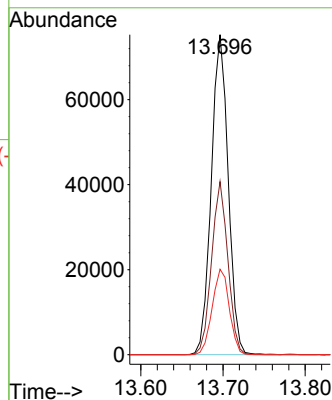
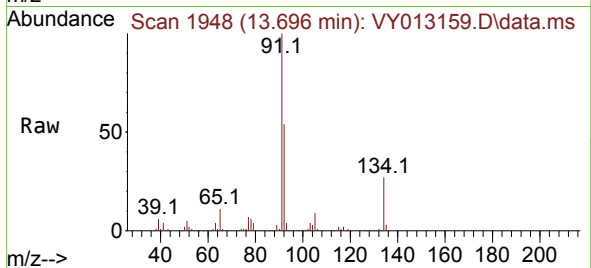
Tgt Ion: 91 Resp: 107487

Ion Ratio Lower Upper

91 100

92 52.2 26.4 79.0

134 27.1 13.0 38.9



#90

Hexachloroethane

Concen: 19.372 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY013159.D

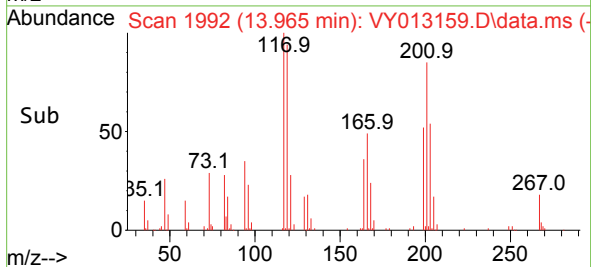
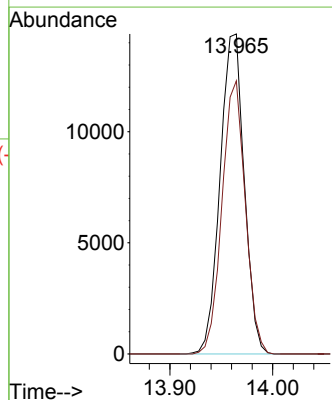
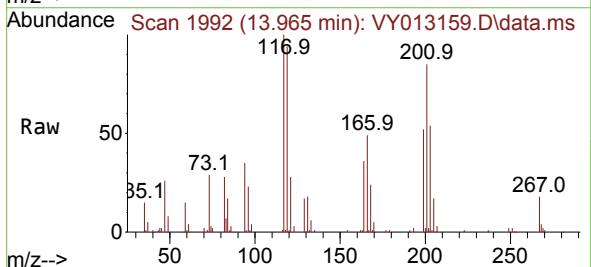
Acq: 31 Mar 2023 11:37

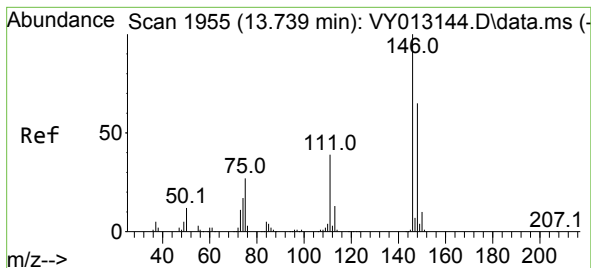
Tgt Ion: 117 Resp: 23496

Ion Ratio Lower Upper

117 100

201 82.3 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 19.588 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013159.D

Acq: 31 Mar 2023 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

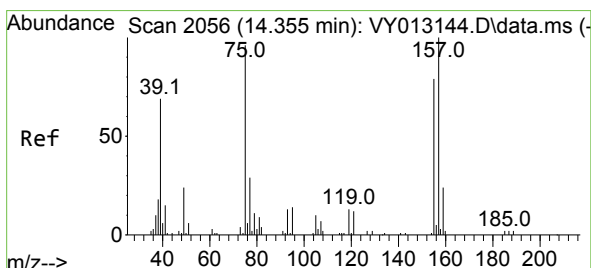
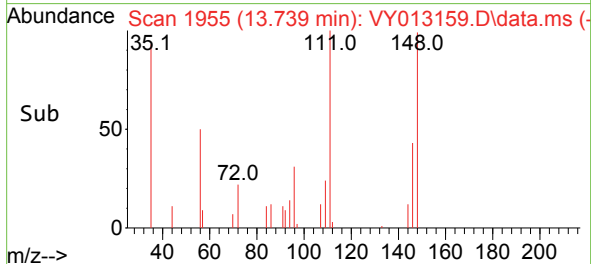
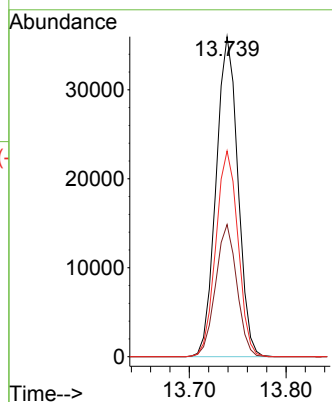
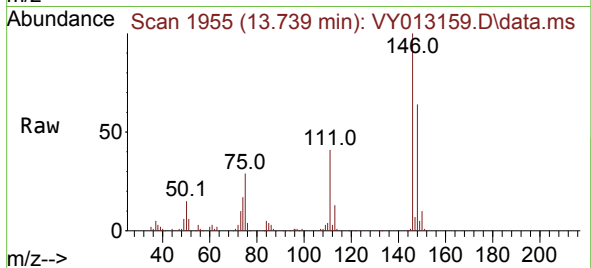
Tgt Ion:146 Resp: 56234

Ion Ratio Lower Upper

146 100

111 40.4 19.7 59.1

148 65.2 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.956 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY013159.D

Acq: 31 Mar 2023 11:37

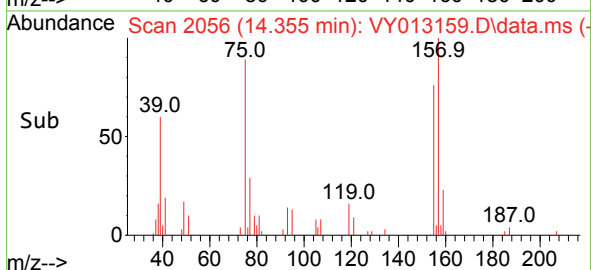
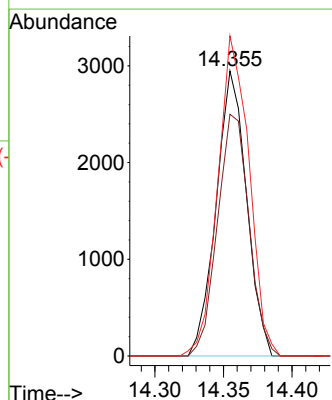
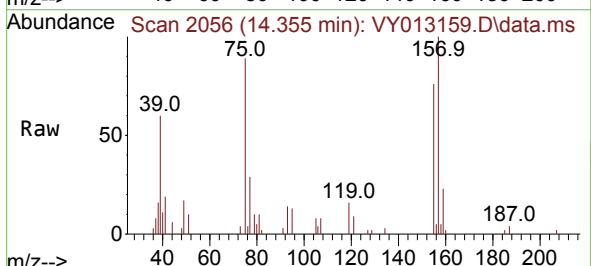
Tgt Ion: 75 Resp: 4537

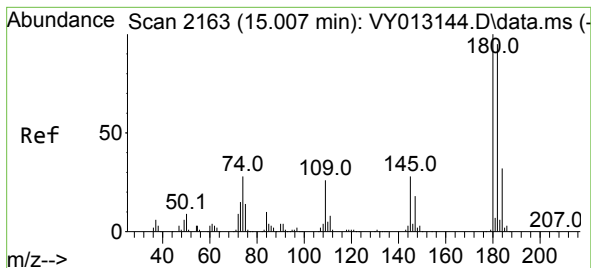
Ion Ratio Lower Upper

75 100

155 88.0 43.8 131.4

157 115.8 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 20.250 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013159.D

Acq: 31 Mar 2023 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBSD01

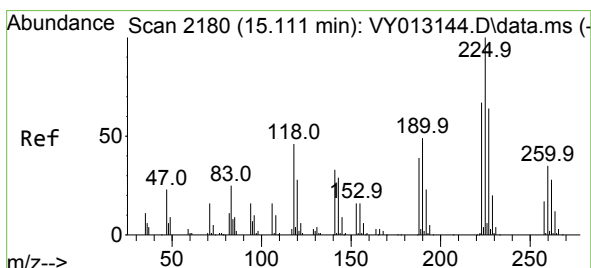
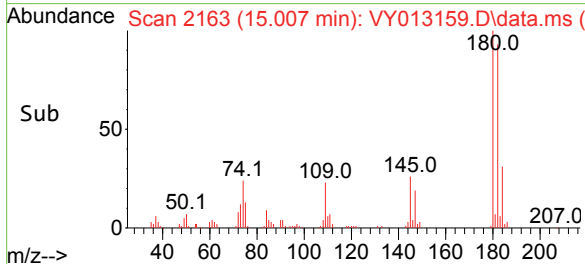
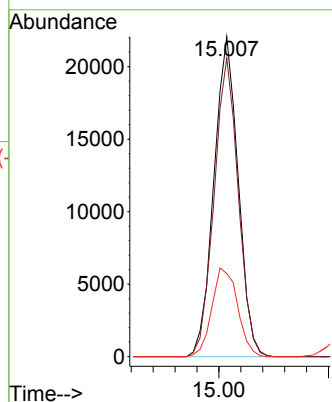
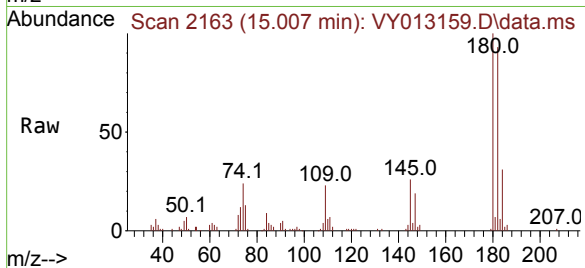
Tgt Ion:180 Resp: 33901

Ion Ratio Lower Upper

180 100

182 92.8 46.7 140.1

145 29.4 14.6 43.8



#94

Hexachlorobutadiene

Concen: 19.750 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY013159.D

Acq: 31 Mar 2023 11:37

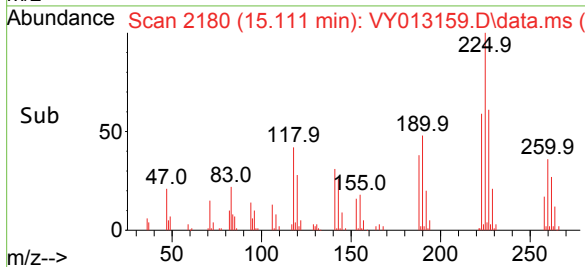
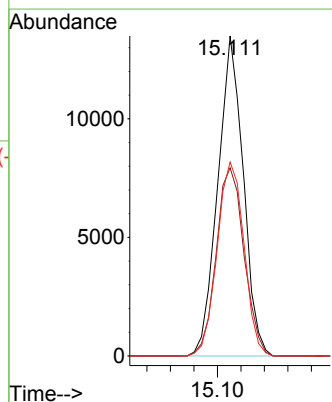
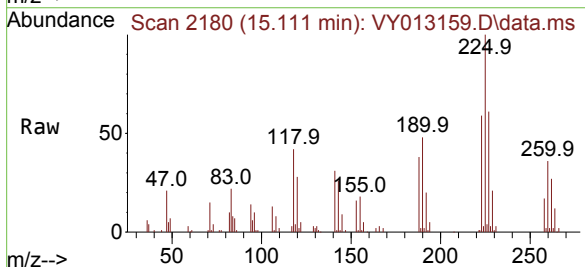
Tgt Ion:225 Resp: 20335

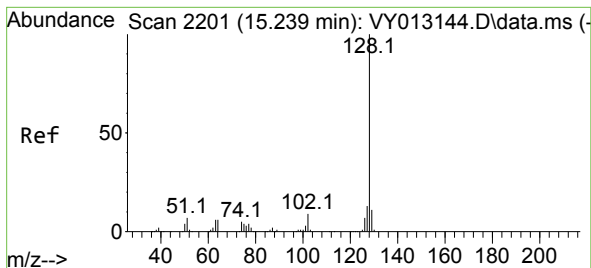
Ion Ratio Lower Upper

225 100

223 64.2 31.1 93.3

227 63.9 32.4 97.0





#95

Naphthalene

Concen: 19.581 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.006 min

Lab File: VY013159.D

Acq: 31 Mar 2023 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

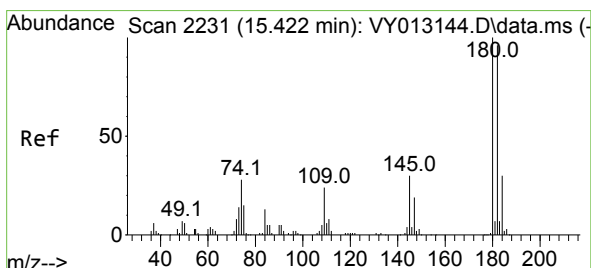
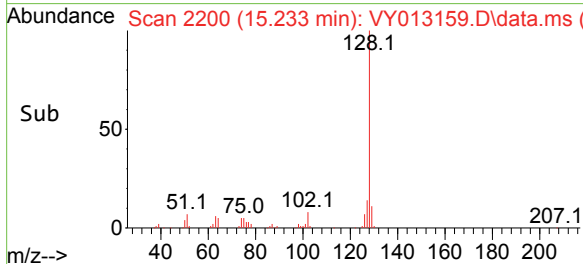
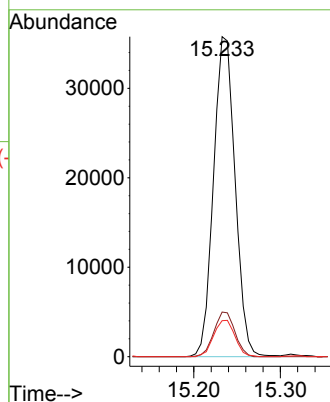
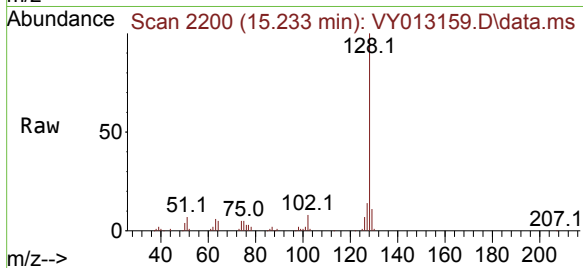
Tgt Ion:128 Resp: 61979

Ion Ratio Lower Upper

128 100

127 13.6 10.3 15.5

129 11.3 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.864 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY013159.D

Acq: 31 Mar 2023 11:37

Tgt Ion:180 Resp: 29300

Ion Ratio Lower Upper

180 100

182 96.7 47.4 142.3

145 30.8 15.3 45.8

