

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033023\
 Data File : VY013148.D
 Acq On : 30 Mar 2023 13:18
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY033023

Quant Time: Mar 31 03:59:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 31 03:45:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	141637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	214634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	190597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95237	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	73061	47.999	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.000%
35) Dibromofluoromethane	7.716	113	69026	49.229	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.460%
50) Toluene-d8	10.179	98	259199	48.968	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.940%
62) 4-Bromofluorobenzene	12.483	95	84207	48.873	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.740%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	66823	48.127	ug/l	94
3) Chloromethane	2.119	50	69607	48.073	ug/l	97
4) Vinyl Chloride	2.253	62	70689	48.694	ug/l	98
5) Bromomethane	2.656	94	49595	48.408	ug/l	92
6) Chloroethane	2.796	64	43295	47.610	ug/l	94
7) Trichlorofluoromethane	3.131	101	126514	48.966	ug/l	99
8) Diethyl Ether	3.534	74	41737	51.443	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.905	101	70736	49.658	ug/l	98
10) Methyl Iodide	4.094	142	96357	51.947	ug/l	99
11) Tert butyl alcohol	4.954	59	33132	241.504	ug/l	98
12) 1,1-Dichloroethene	3.875	96	69560	50.515	ug/l	99
13) Acrolein	3.729	56	51392	266.939	ug/l	99
14) Allyl chloride	4.485	41	125816	53.625	ug/l	99
15) Acrylonitrile	5.161	53	104538	259.297	ug/l	100
16) Acetone	3.948	43	131767	283.095	ug/l	99
17) Carbon Disulfide	4.198	76	229086	49.956	ug/l	99
18) Methyl Acetate	4.478	43	76788	52.358	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	185733	53.229	ug/l	99
20) Methylene Chloride	4.716	84	80567	50.159	ug/l	98
21) trans-1,2-Dichloroethene	5.222	96	77412	49.895	ug/l	98
22) Diisopropyl ether	6.118	45	238315	51.990	ug/l	96
23) Vinyl Acetate	6.057	43	699836	268.476	ug/l	100
24) 1,1-Dichloroethane	6.021	63	133951	49.341	ug/l	99
25) 2-Butanone	6.984	43	156435	268.788	ug/l	98
26) 2,2-Dichloropropane	6.978	77	121303	49.677	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	84135	50.336	ug/l	100
28) Bromochloromethane	7.332	49	60678	52.088	ug/l	96
29) Tetrahydrofuran	7.344	42	91944	266.872	ug/l	98
30) Chloroform	7.508	83	135822	48.313	ug/l	100
31) Cyclohexane	7.789	56	122512	49.301	ug/l	92
32) 1,1,1-Trichloroethane	7.703	97	124405	50.050	ug/l	100
36) 1,1-Dichloropropene	7.917	75	107617	50.984	ug/l	99
37) Ethyl Acetate	7.076	43	62852	52.417	ug/l	98
38) Carbon Tetrachloride	7.899	117	115378	49.539	ug/l	99
39) Methylcyclohexane	9.185	83	130608	52.742	ug/l	98
40) Benzene	8.161	78	304152	49.888	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	86561	148.608	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	91843	49.170	ug/l	99
43) Isopropyl Acetate	8.270	43	112650	52.485	ug/l	98
44) Trichloroethene	8.941	130	82391	49.092	ug/l	91
45) 1,2-Dichloropropane	9.215	63	76202	49.915	ug/l	97
46) Dibromomethane	9.307	93	43459	49.554	ug/l	96
47) Bromodichloromethane	9.496	83	105447	49.831	ug/l	99
48) Methyl methacrylate	9.295	41	55313	55.335	ug/l	99
49) 1,4-Dioxane	9.295	88	11122	1066.023	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	309087	266.834	ug/l	99
52) Toluene	10.246	92	191987	50.766	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	109787	50.759	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	124981	50.595	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	59975	49.474	ug/l	98
56) Ethyl methacrylate	10.508	69	82690	54.252	ug/l	99
57) 1,3-Dichloropropane	10.794	76	103812	50.727	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	183958	258.121	ug/l	99
59) 2-Hexanone	10.831	43	231736	276.618	ug/l	100
60) Dibromochloromethane	10.983	129	75770	49.764	ug/l	100
61) 1,2-Dibromoethane	11.093	107	58560	49.856	ug/l	100
64) Tetrachloroethene	10.721	164	73014	49.829	ug/l	98
65) Chlorobenzene	11.520	112	202236	49.981	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.593	131	76468	50.410	ug/l	99
67) Ethyl Benzene	11.593	91	361826	51.776	ug/l	99
68) m/p-Xylenes	11.703	106	283337	104.810	ug/l	99
69) o-Xylene	12.032	106	132903	53.002	ug/l	97
70) Styrene	12.044	104	221136	52.720	ug/l	99
71) Bromoform	12.209	173	48411	51.467	ug/l #	96
73) Isopropylbenzene	12.331	105	348972	53.083	ug/l	100
74) N-amyl acetate	12.142	43	99534	55.144	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	70260	51.023	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	92997	86.945	ug/l #	100
77) Bromobenzene	12.611	156	84504	51.702	ug/l	95
78) n-propylbenzene	12.672	91	423877	52.440	ug/l	100
79) 2-Chlorotoluene	12.757	91	236199	51.497	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	290570	52.867	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	25412	52.970	ug/l	96
82) 4-Chlorotoluene	12.855	91	243746	51.062	ug/l	100
83) tert-Butylbenzene	13.074	119	249048	52.755	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	284693	52.892	ug/l	100
85) sec-Butylbenzene	13.257	105	375763	52.716	ug/l	100
86) p-Isopropyltoluene	13.373	119	315511	53.768	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	163615	50.499	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	161942	49.880	ug/l	99
89) n-Butylbenzene	13.696	91	290246	52.910	ug/l	99
90) Hexachloroethane	13.965	117	61493	50.304	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	147900	51.114	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	11302	49.323	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	88741	52.591	ug/l	98
94) Hexachlorobutadiene	15.111	225	53536	51.588	ug/l	99
95) Naphthalene	15.239	128	176384	49.392	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	78374	52.718	ug/l	99

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QLast Update : Fri Mar 31 03:45:49 2023
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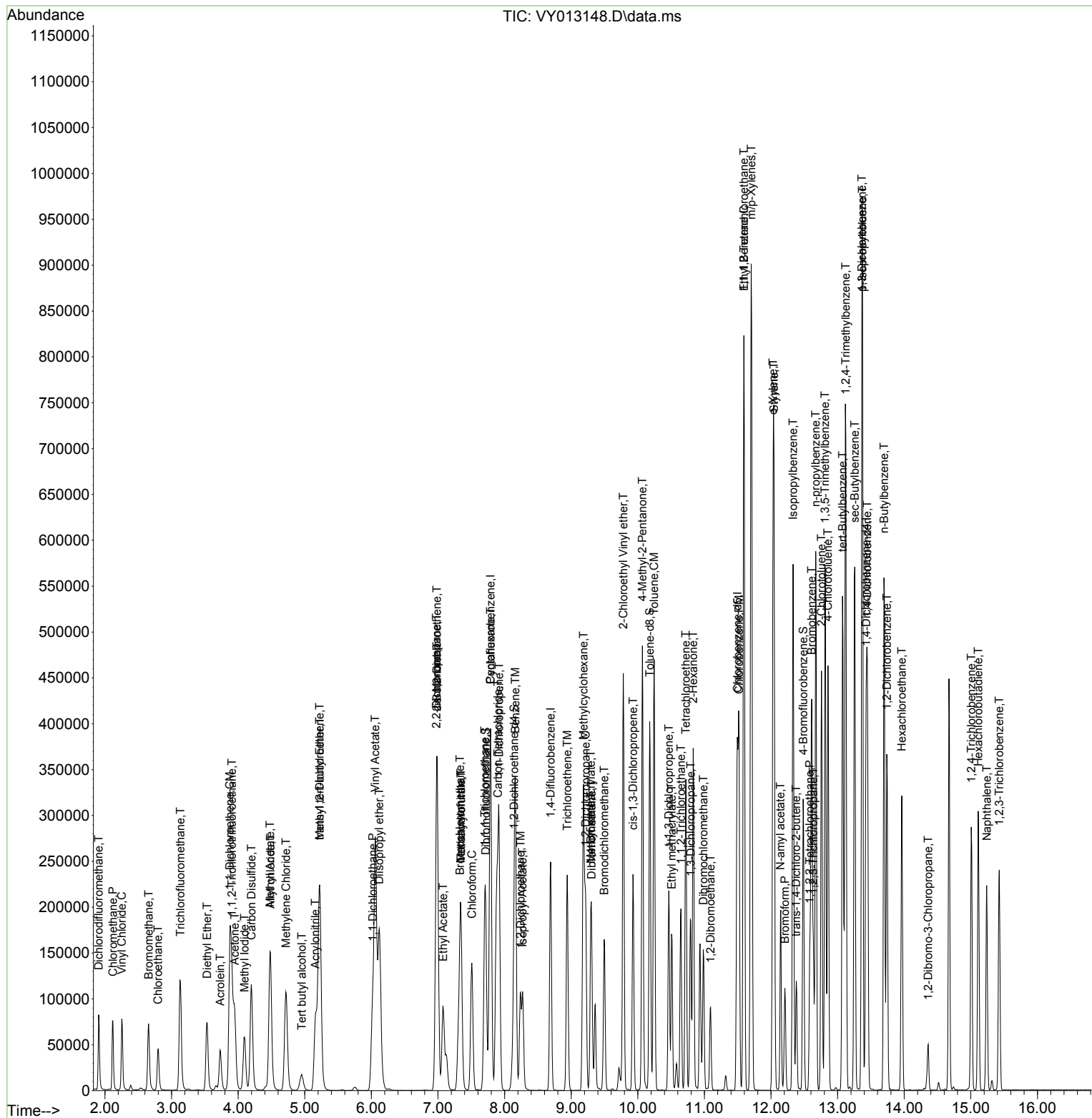
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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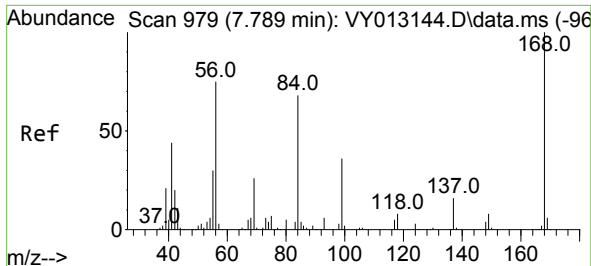
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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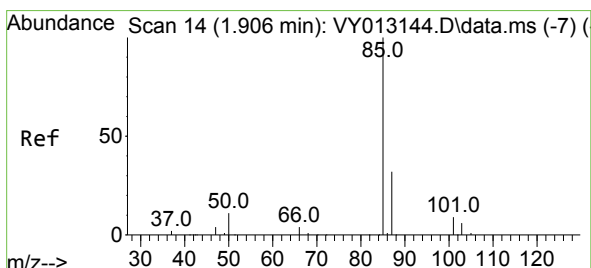
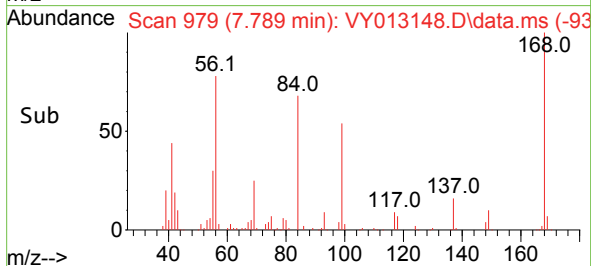
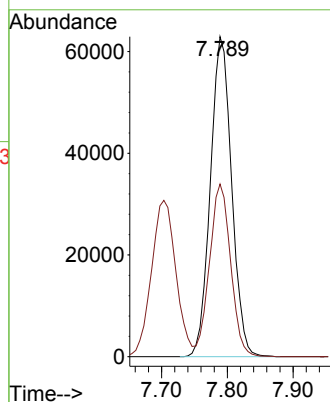
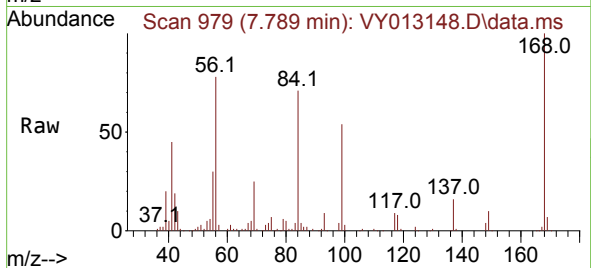




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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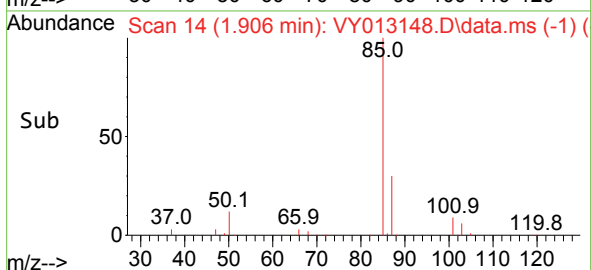
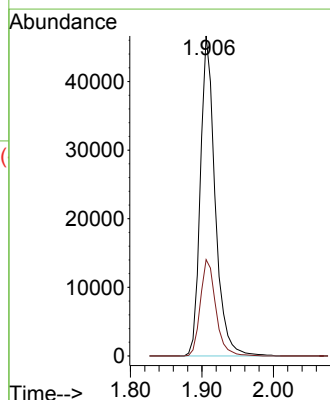
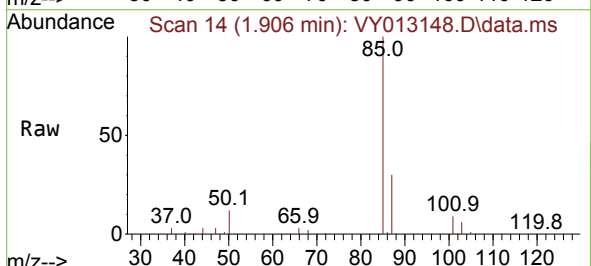
Instrument :
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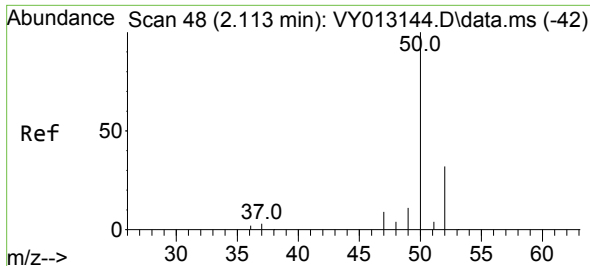
Tgt Ion:168 Resp: 141637
Ion Ratio Lower Upper
168 100
99 54.0 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 48.127 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013148.D
Acq: 30 Mar 2023 13:18

Tgt Ion: 85 Resp: 66823
Ion Ratio Lower Upper
85 100
87 30.1 16.7 50.0

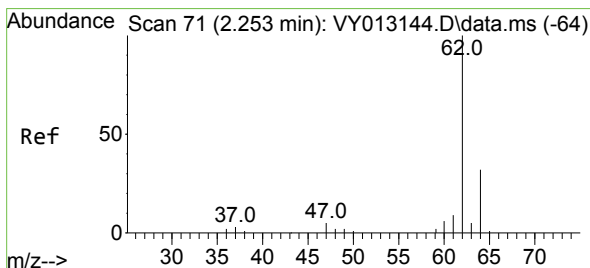
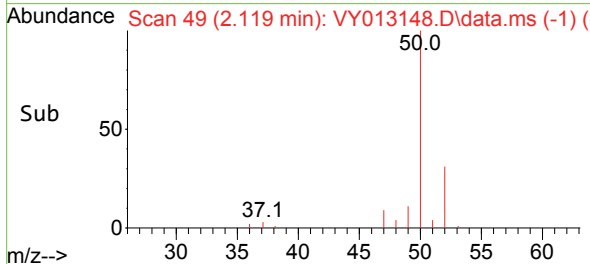
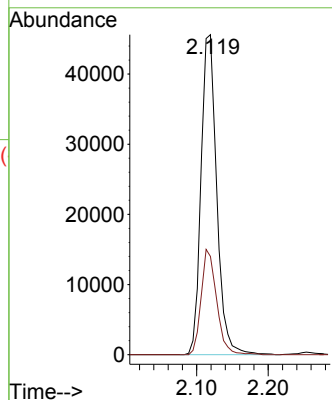
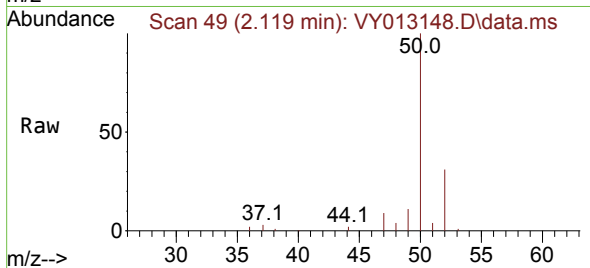




#3
Chloromethane
Concen: 48.073 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY013148.D
Acq: 30 Mar 2023 13:18

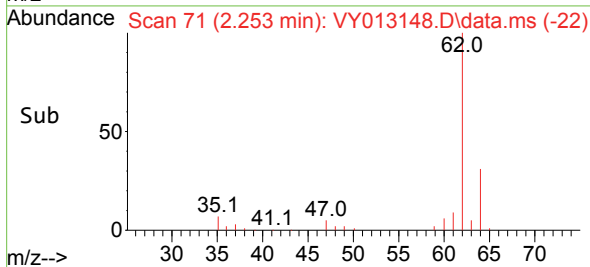
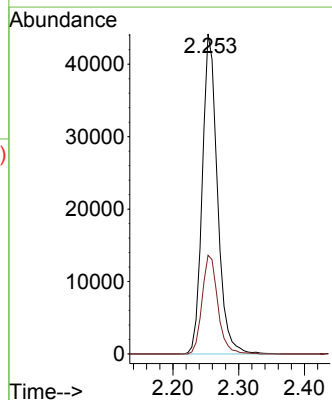
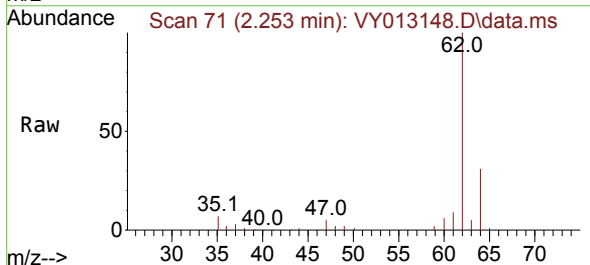
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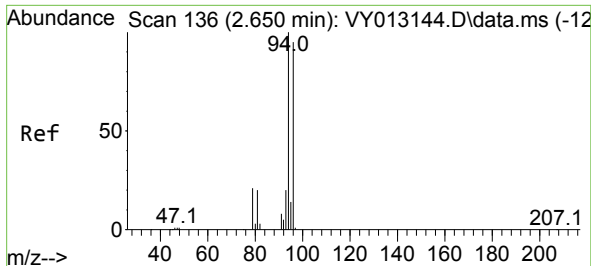
Tgt Ion: 50 Resp: 69607
Ion Ratio Lower Upper
50 100
52 30.7 26.0 39.0



#4
Vinyl Chloride
Concen: 48.694 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY013148.D
Acq: 30 Mar 2023 13:18

Tgt Ion: 62 Resp: 70689
Ion Ratio Lower Upper
62 100
64 30.8 25.6 38.4

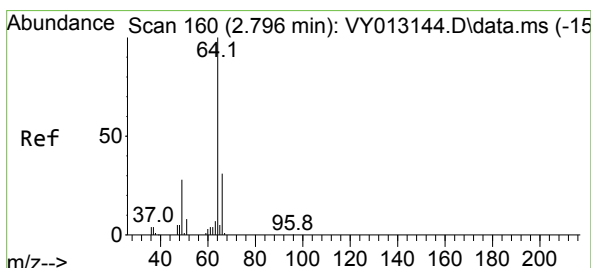
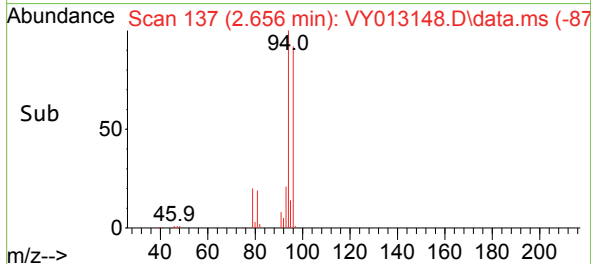
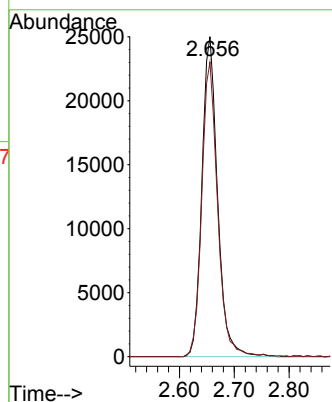
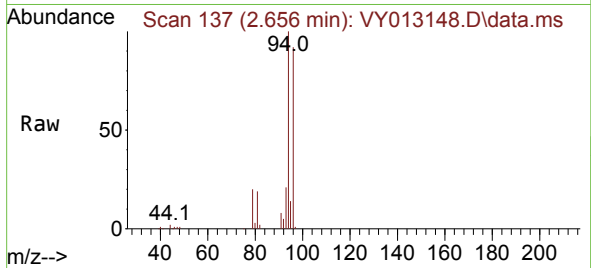




#5
Bromomethane
Concen: 48.408 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013148.D
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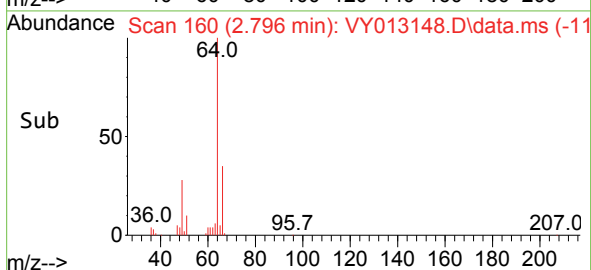
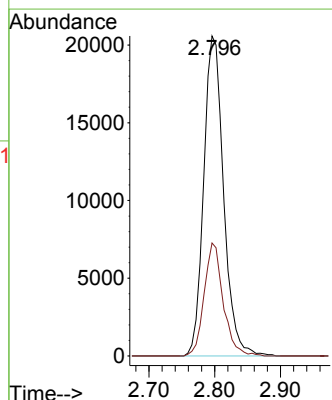
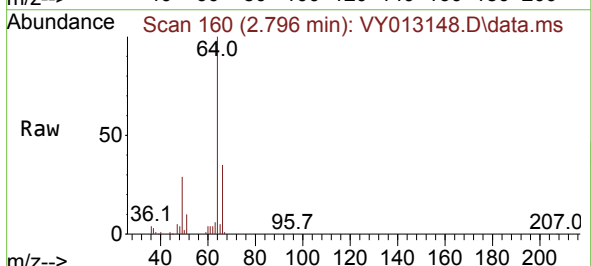
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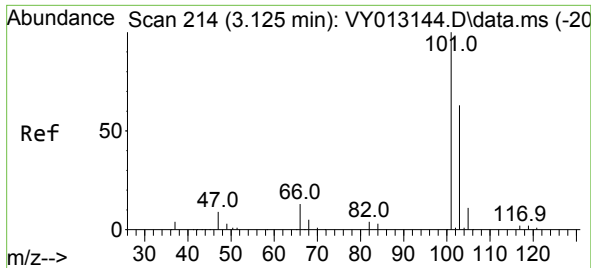
Tgt Ion: 94 Resp: 49595
Ion Ratio Lower Upper
94 100
96 92.0 80.3 120.5



#6
Chloroethane
Concen: 47.610 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 43295
Ion Ratio Lower Upper
64 100
66 35.3 25.7 38.5

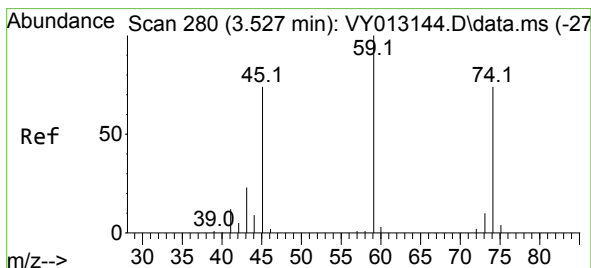
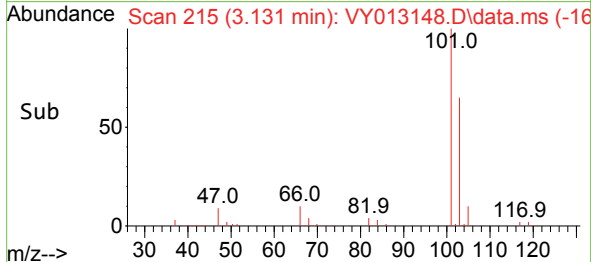
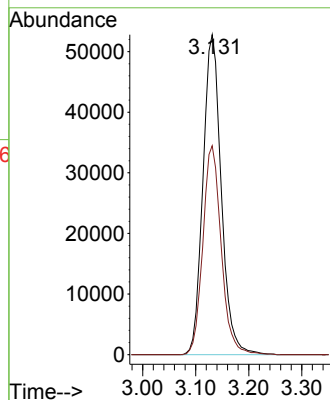
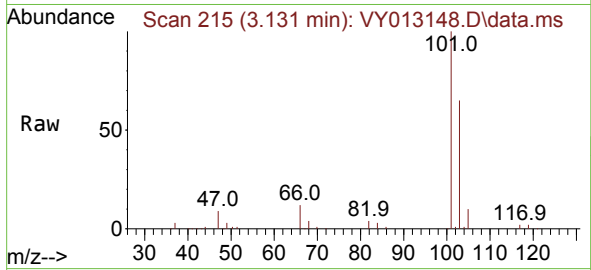




#7
Trichlorofluoromethane
Concen: 48.966 ug/l
RT: 3.131 min Scan# 214
Delta R.T. 0.006 min
Lab File: VY013148.D
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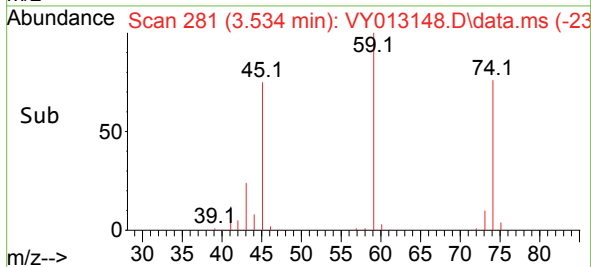
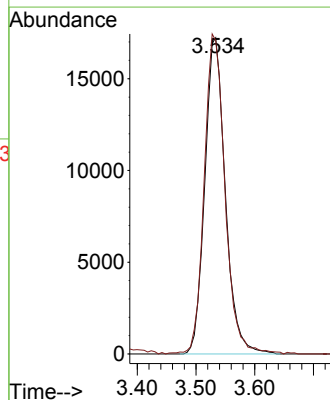
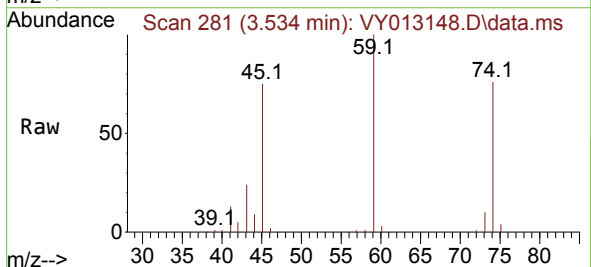
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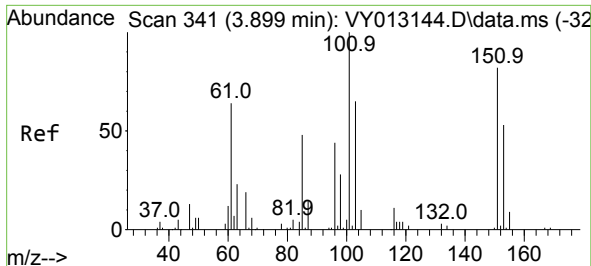
Tgt Ion:101 Resp: 126514
Ion Ratio Lower Upper
101 100
103 65.3 51.5 77.3



#8
Diethyl Ether
Concen: 51.443 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 41737
Ion Ratio Lower Upper
74 100
45 102.6 52.1 156.4

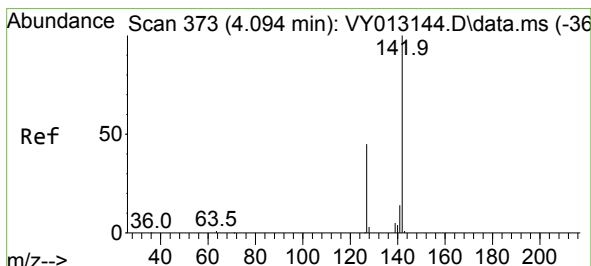
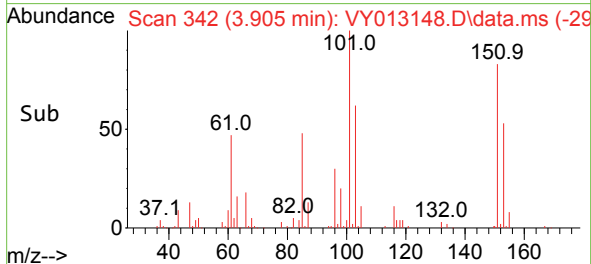
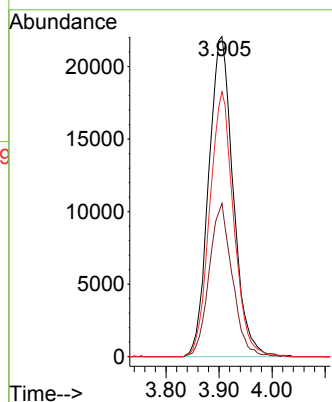
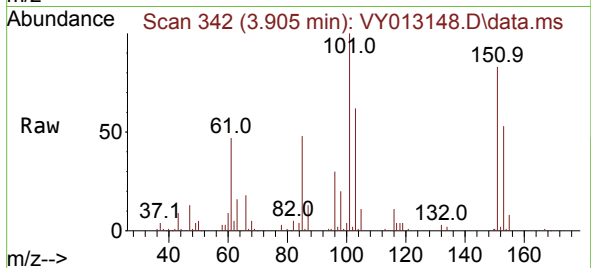




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.658 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY013148.D
Acq: 30 Mar 2023 13:18

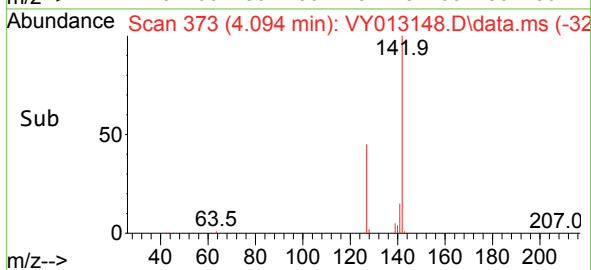
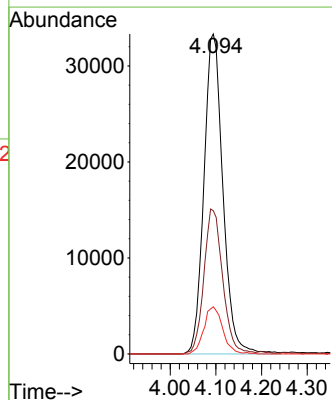
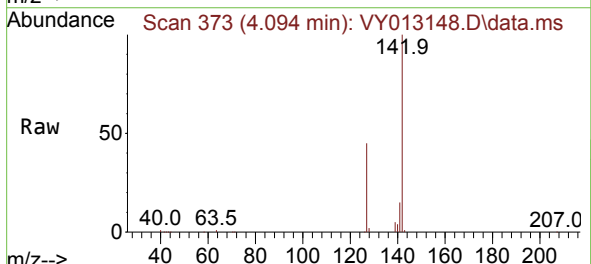
Instrument :
MSVOA_Y
ClientSampleId :
ICVY033023

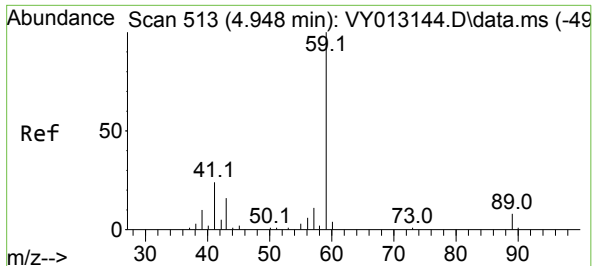
Tgt Ion:101 Resp: 70736
Ion Ratio Lower Upper
101 100
85 45.3 35.3 52.9
151 81.4 63.1 94.7



#10
Methyl Iodide
Concen: 51.947 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.000 min
Lab File: VY013148.D
Acq: 30 Mar 2023 13:18

Tgt Ion:142 Resp: 96357
Ion Ratio Lower Upper
142 100
127 44.8 35.4 53.2
141 14.7 11.3 16.9

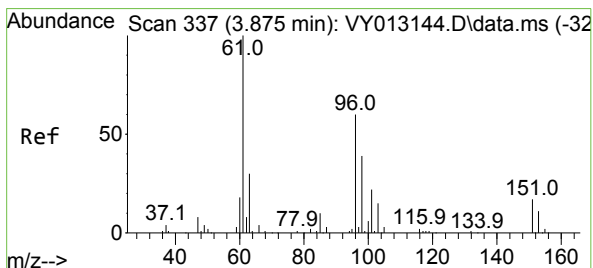
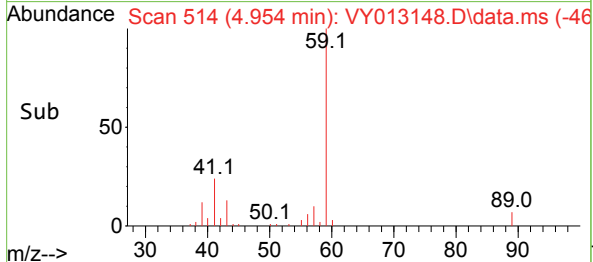
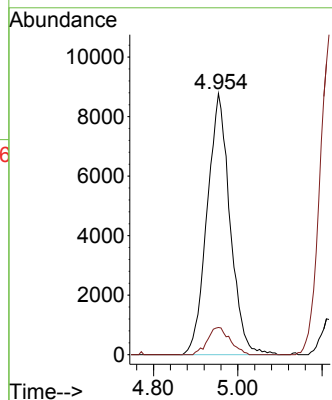
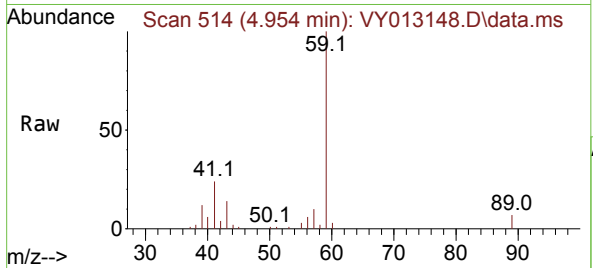




#11
Tert butyl alcohol
Concen: 241.504 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY013148.D
Acq: 30 Mar 2023 13:18

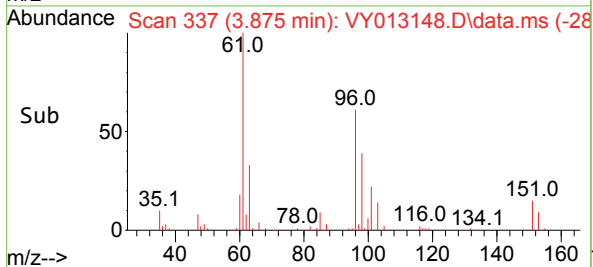
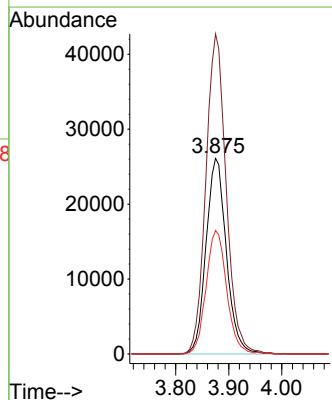
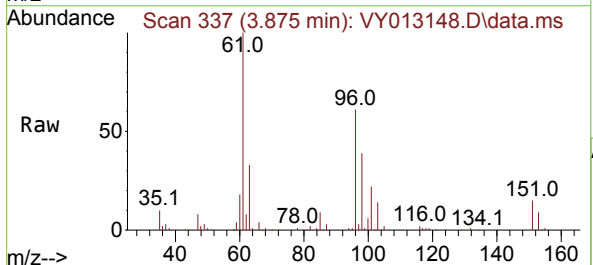
Instrument :
MSVOA_Y
ClientSampleId :
ICVY033023

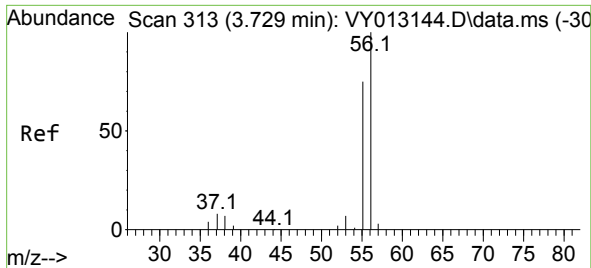
Tgt Ion: 59 Resp: 33132
Ion Ratio Lower Upper
59 100
57 10.2 7.7 11.5



#12
1,1-Dichloroethene
Concen: 50.515 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.000 min
Lab File: VY013148.D
Acq: 30 Mar 2023 13:18

Tgt Ion: 96 Resp: 69560
Ion Ratio Lower Upper
96 100
61 163.5 131.7 197.5
98 63.1 52.0 78.0

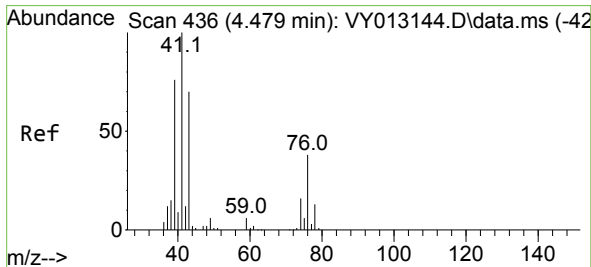
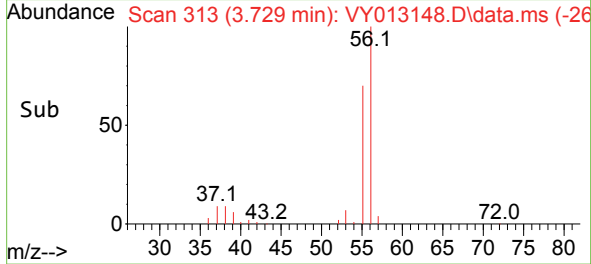
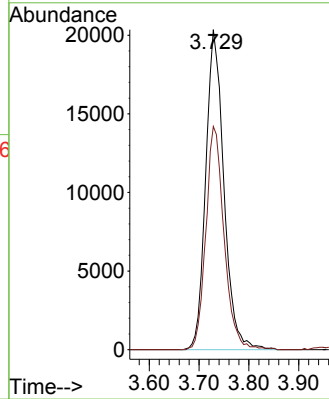
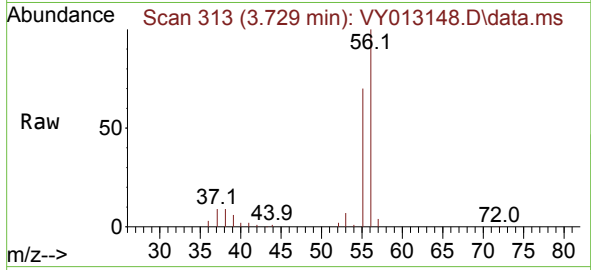




#13
Acrolein
Concen: 266.939 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY013148.D
Acq: 30 Mar 2023 13:18

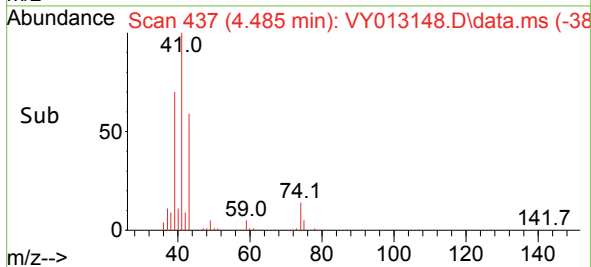
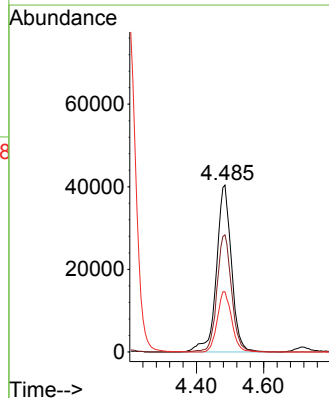
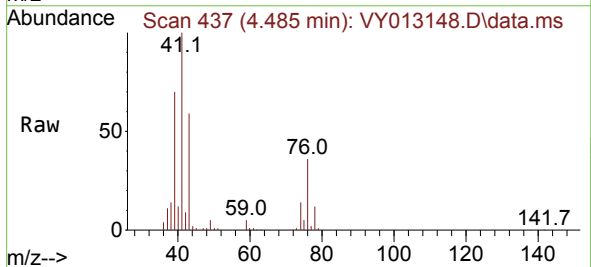
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY033023

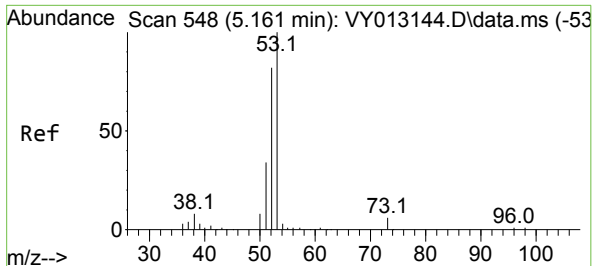
Tgt Ion: 56 Resp: 51392
Ion Ratio Lower Upper
56 100
55 70.2 56.8 85.2



#14
Allyl chloride
Concen: 53.625 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY013148.D
Acq: 30 Mar 2023 13:18

Tgt Ion: 41 Resp: 125816
Ion Ratio Lower Upper
41 100
39 68.3 53.6 80.4
76 34.4 27.2 40.8





#15

Acrylonitrile

Concen: 259.297 ug/l

RT: 5.161 min Scan# 54

Delta R.T. -0.000 min

Lab File: VY013148.D

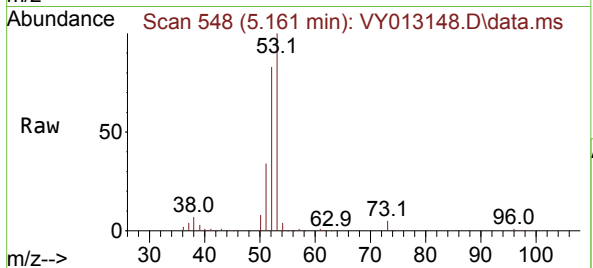
Acq: 30 Mar 2023 13:18

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY033023



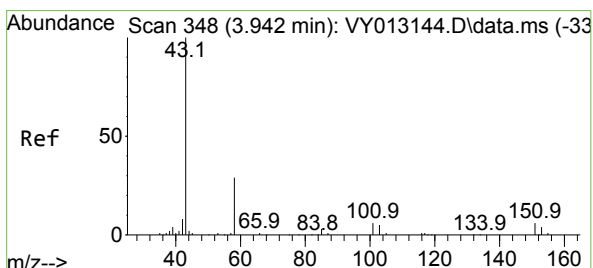
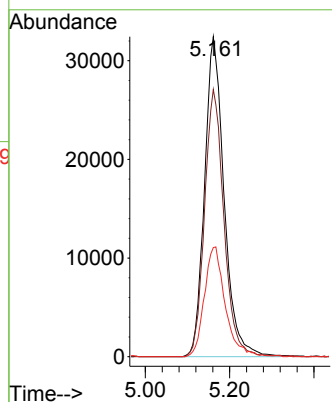
Tgt Ion: 53 Resp: 104538

Ion Ratio Lower Upper

53 100

52 82.9 66.3 99.5

51 36.7 28.8 43.2



#16

Acetone

Concen: 283.095 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.006 min

Lab File: VY013148.D

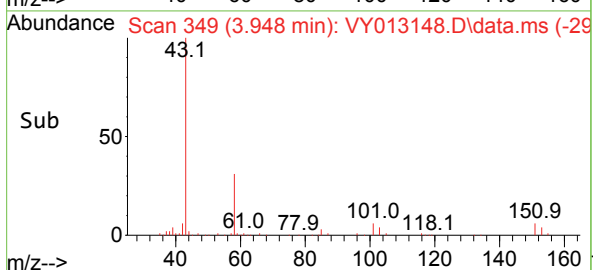
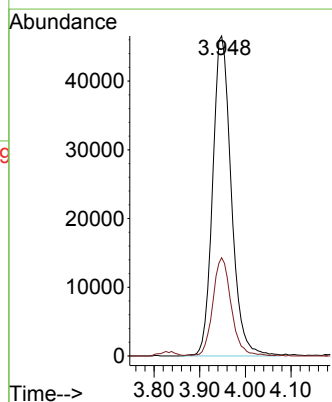
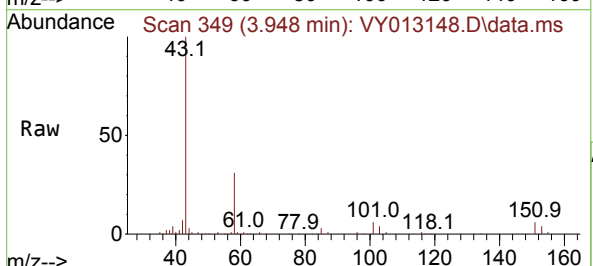
Acq: 30 Mar 2023 13:18

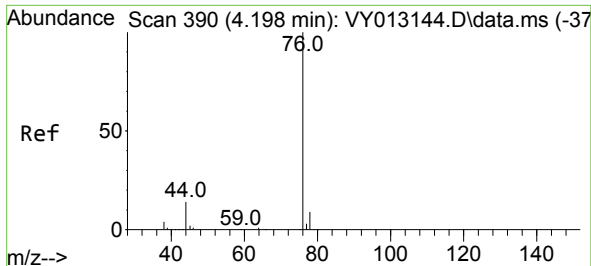
Tgt Ion: 43 Resp: 131767

Ion Ratio Lower Upper

43 100

58 30.6 24.2 36.2

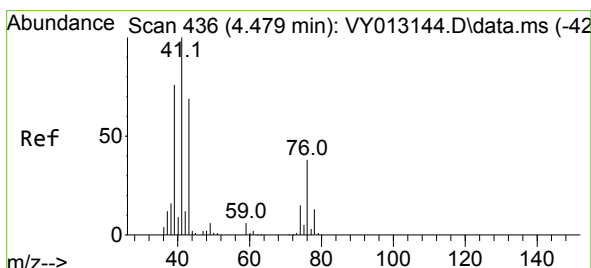
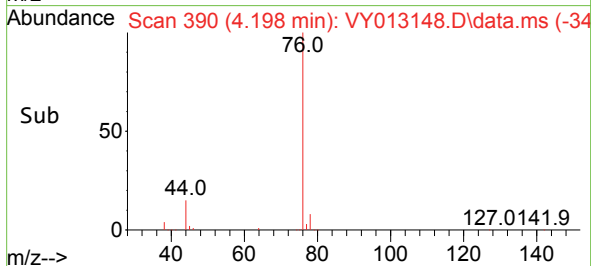
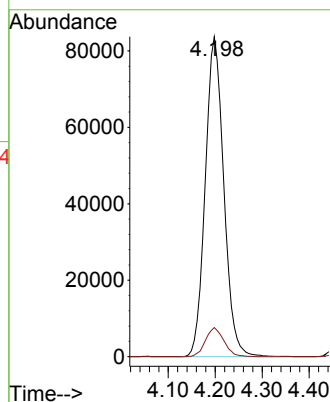
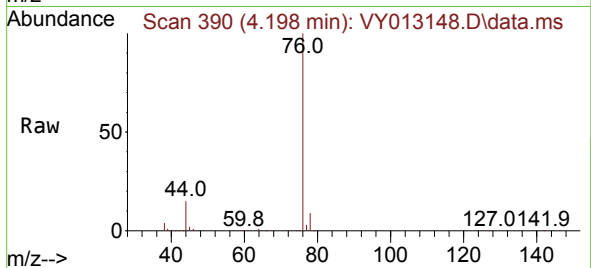




#17
Carbon Disulfide
Concen: 49.956 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.000 min
Lab File: VY013148.D
Acq: 30 Mar 2023 13:18

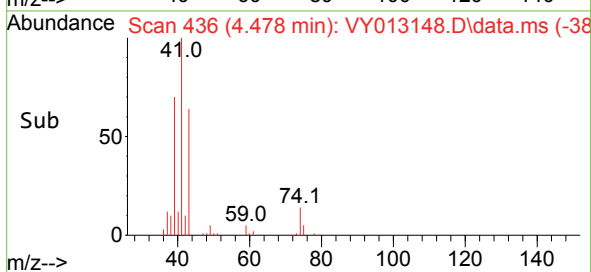
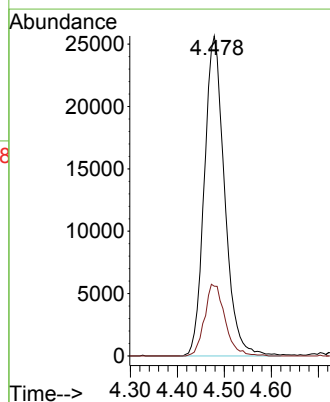
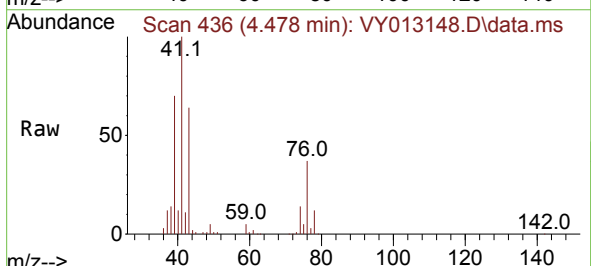
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY033023

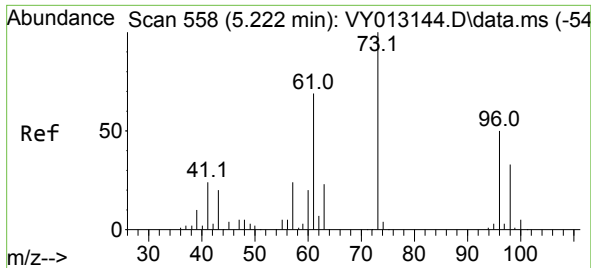
Tgt Ion: 76 Resp: 229086
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 52.358 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY013148.D
Acq: 30 Mar 2023 13:18

Tgt Ion: 43 Resp: 76788
Ion Ratio Lower Upper
43 100
74 22.6 17.4 26.0

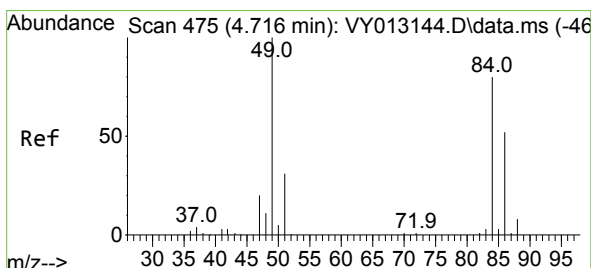
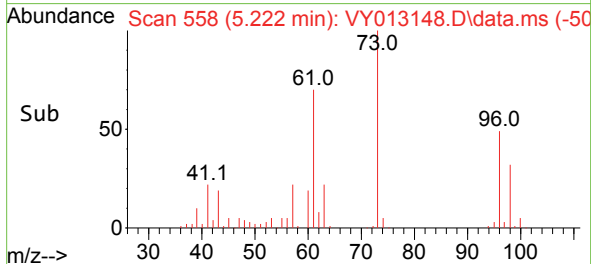
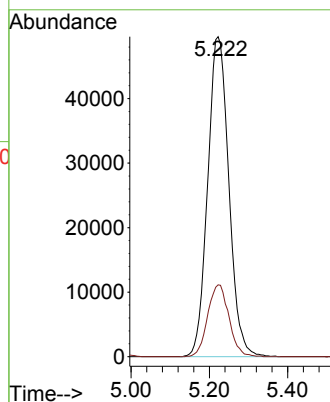
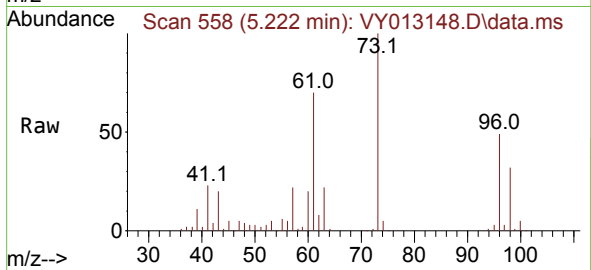




#19
Methyl tert-butyl Ether
Concen: 53.229 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY013148.D
Acq: 30 Mar 2023 13:18

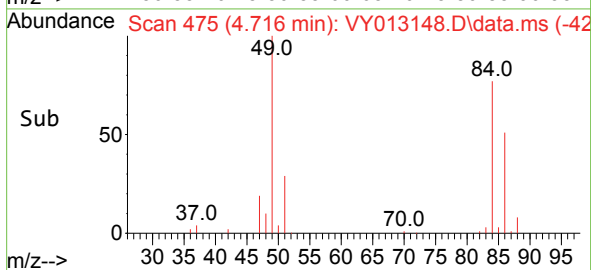
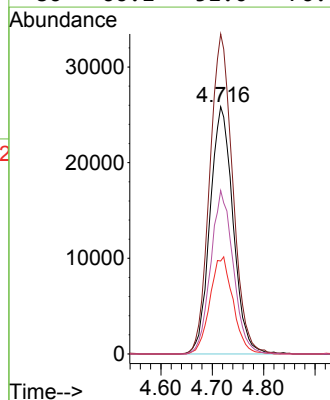
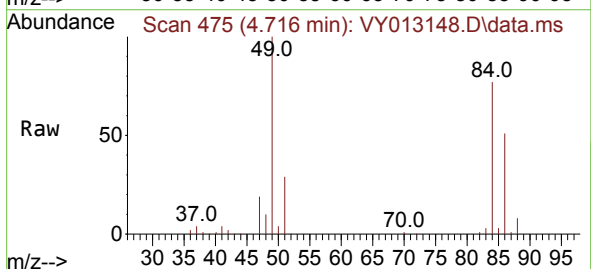
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY033023

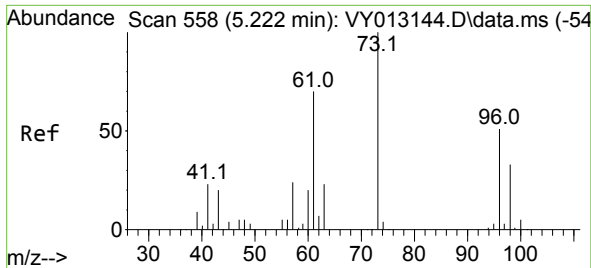
Tgt Ion: 73 Resp: 185733
Ion Ratio Lower Upper
73 100
57 22.5 18.3 27.5



#20
Methylene Chloride
Concen: 50.159 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013148.D
Acq: 30 Mar 2023 13:18

Tgt Ion: 84 Resp: 80567
Ion Ratio Lower Upper
84 100
49 129.5 102.6 154.0
51 37.6 31.9 47.9
86 66.1 51.0 76.6

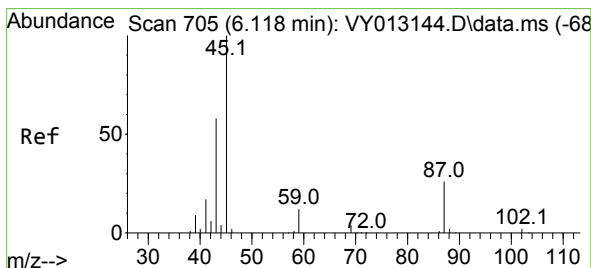
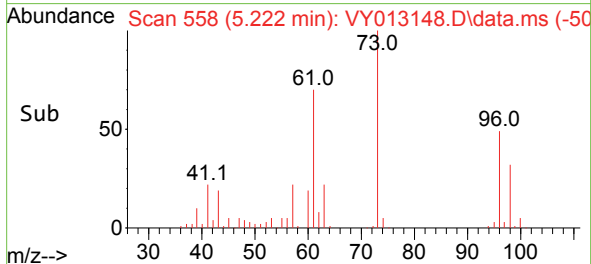
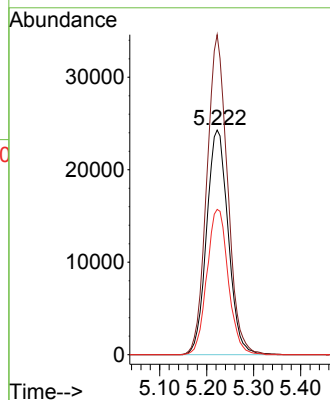
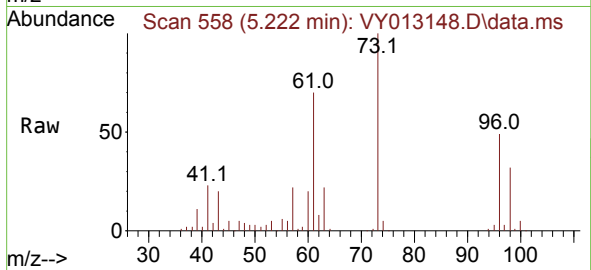




#21
trans-1,2-Dichloroethene
Concen: 49.895 ug/l
RT: 5.222 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY013148.D
Acq: 30 Mar 2023 13:18

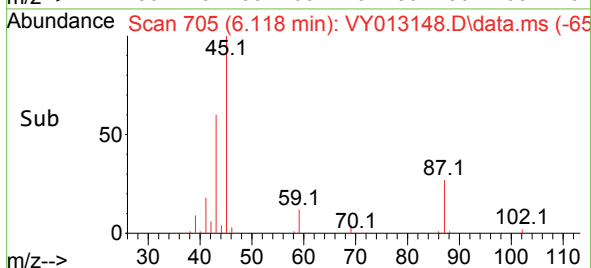
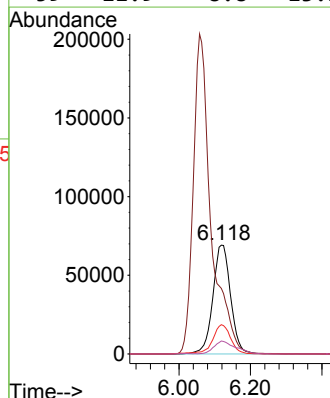
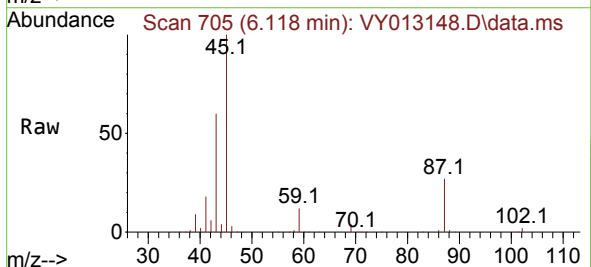
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY033023

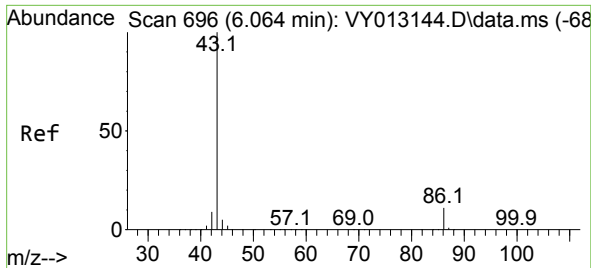
Tgt Ion: 96 Resp: 77412
Ion Ratio Lower Upper
96 100
61 142.5 111.4 167.0
98 64.7 50.8 76.2



#22
Diisopropyl ether
Concen: 51.990 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY013148.D
Acq: 30 Mar 2023 13:18

Tgt Ion: 45 Resp: 238315
Ion Ratio Lower Upper
45 100
43 60.0 45.0 67.6
87 26.9 20.3 30.5
59 11.9 8.8 13.2

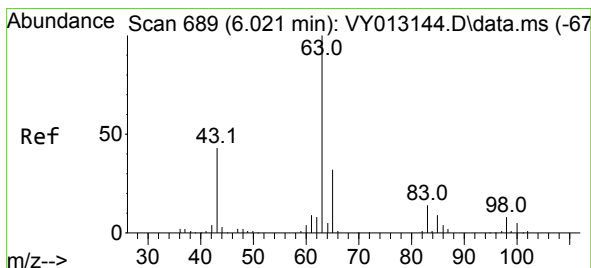
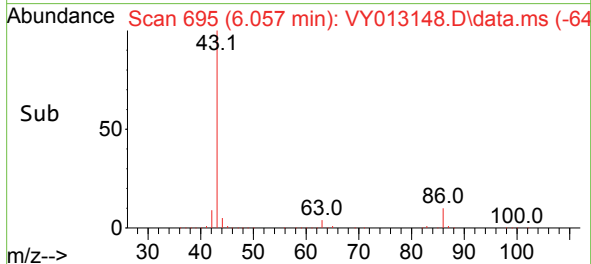
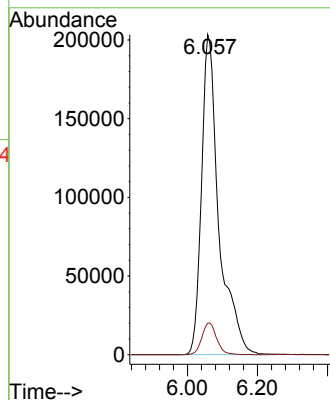
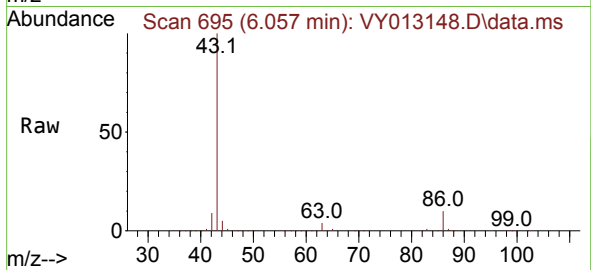




#23
 Vinyl Acetate
 Concen: 268.476 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.006 min
 Lab File: VY013148.D
 Acq: 30 Mar 2023 13:18

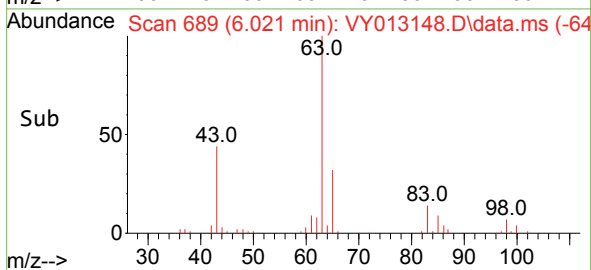
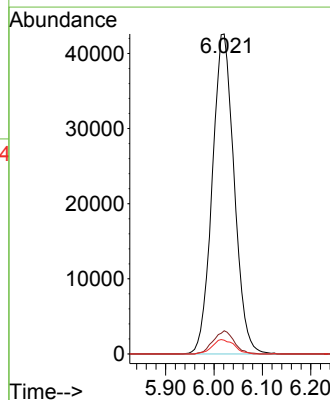
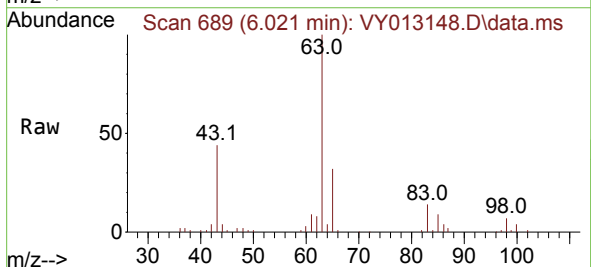
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY033023

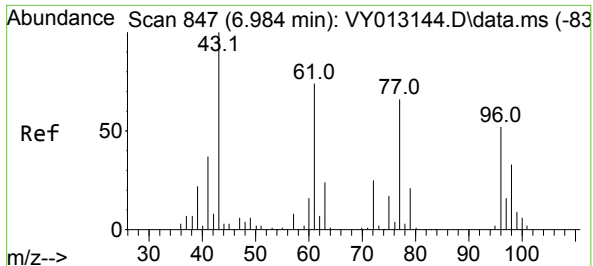
Tgt Ion: 43 Resp: 699836
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 49.341 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY013148.D
 Acq: 30 Mar 2023 13:18

Tgt Ion: 63 Resp: 133951
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.7 11.1
 100 4.3 2.3 6.8





#25

2-Butanone

Concen: 268.788 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY013148.D

Acq: 30 Mar 2023 13:18

Instrument :

MSVOA_Y

ClientSampleId :

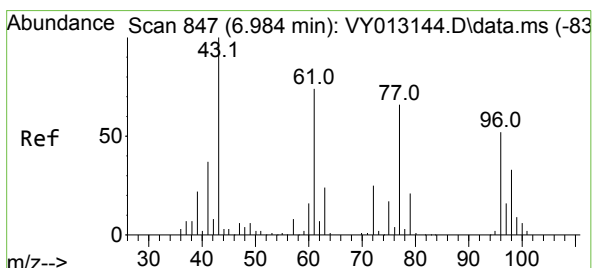
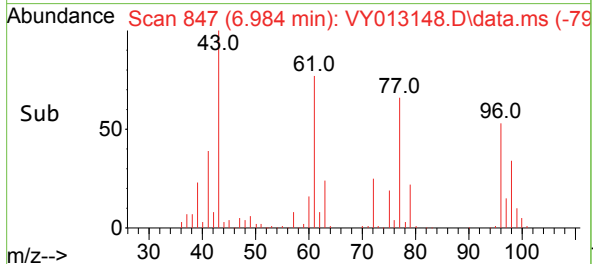
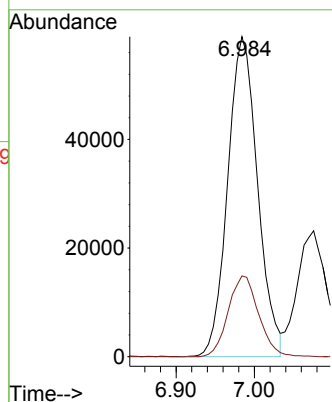
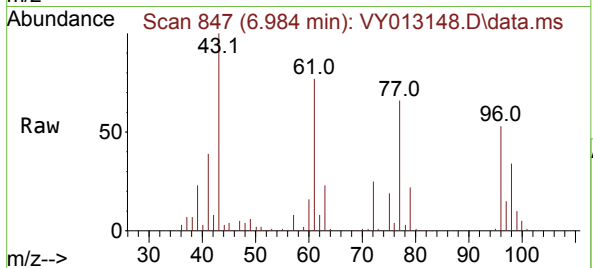
ICVVY033023

Tgt Ion: 43 Resp: 156435

Ion Ratio Lower Upper

43 100

72 25.2 21.0 31.4



#26

2,2-Dichloropropane

Concen: 49.677 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY013148.D

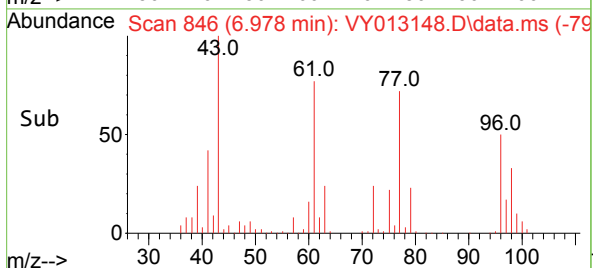
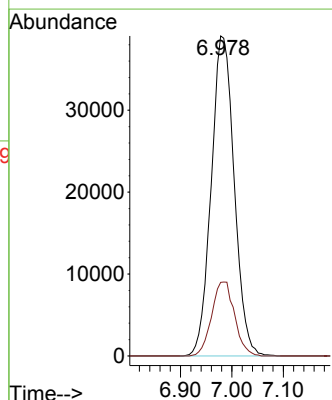
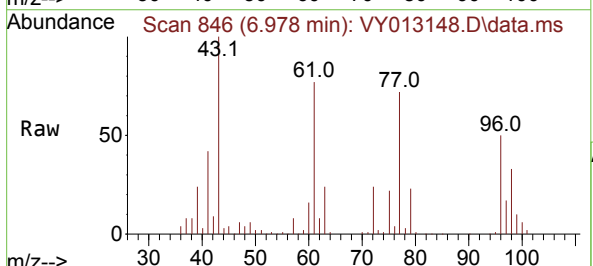
Acq: 30 Mar 2023 13:18

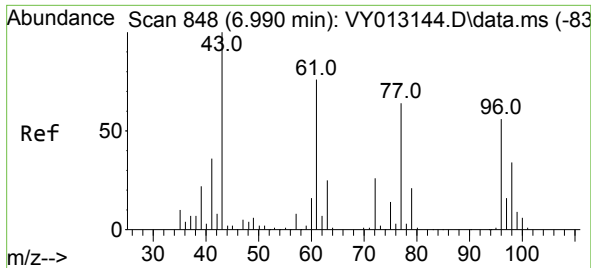
Tgt Ion: 77 Resp: 121303

Ion Ratio Lower Upper

77 100

97 23.1 11.7 35.0

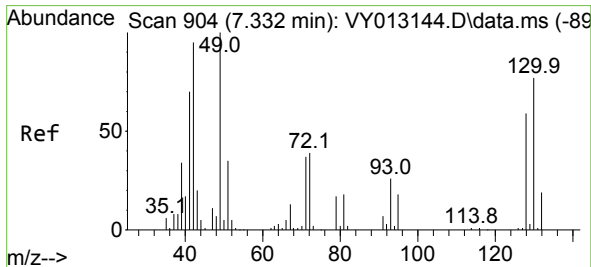
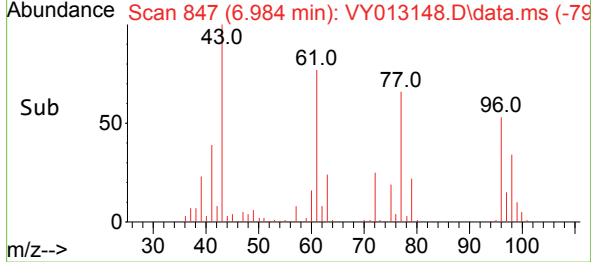
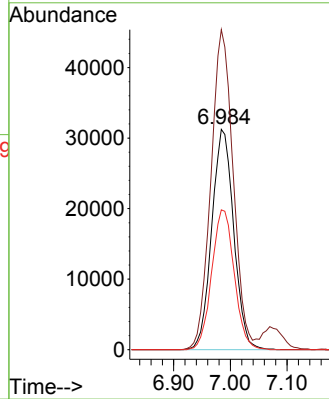
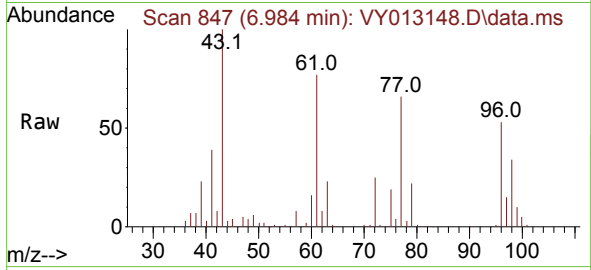




#27
 cis-1,2-Dichloroethene
 Concen: 50.336 ug/l
 RT: 6.984 min Scan# 848
 Delta R.T. -0.006 min
 Lab File: VY013148.D
 Acq: 30 Mar 2023 13:18

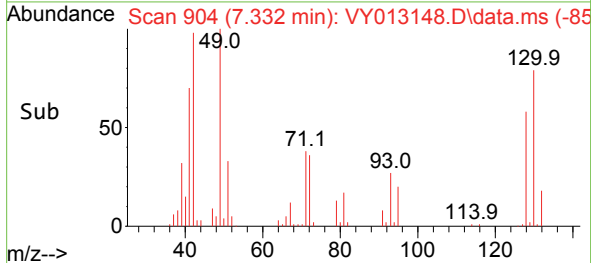
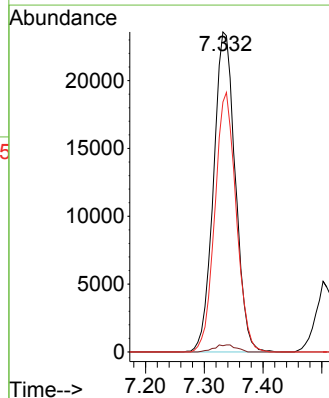
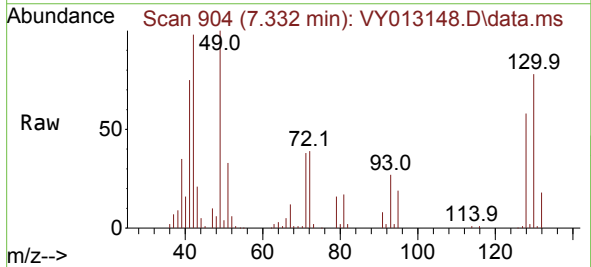
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY033023

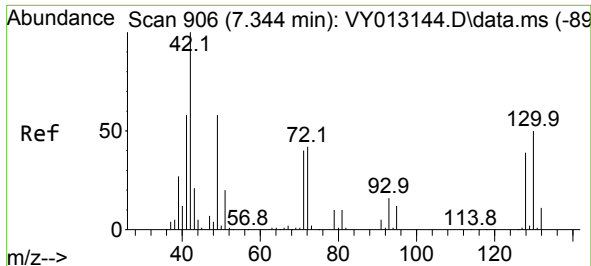
Tgt Ion: 96 Resp: 84135
 Ion Ratio Lower Upper
 96 100
 61 147.8 0.0 295.8
 98 65.1 0.0 130.2



#28
 Bromochloromethane
 Concen: 52.088 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY013148.D
 Acq: 30 Mar 2023 13:18

Tgt Ion: 49 Resp: 60678
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.2
 130 79.4 60.5 90.7





#29

Tetrahydrofuran

Concen: 266.872 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY013148.D

Acq: 30 Mar 2023 13:18

Instrument :

MSVOA_Y

ClientSampleId :

ICVY033023

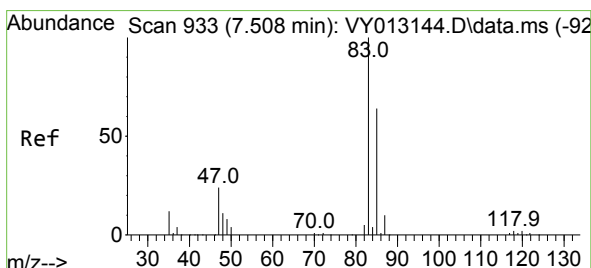
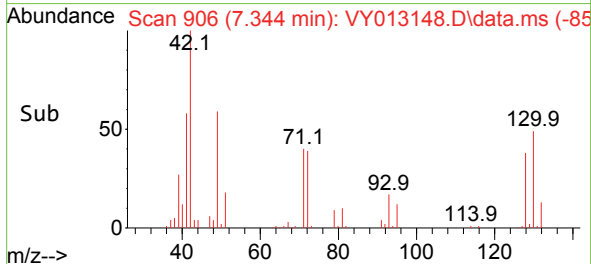
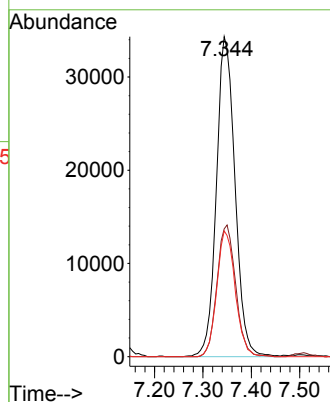
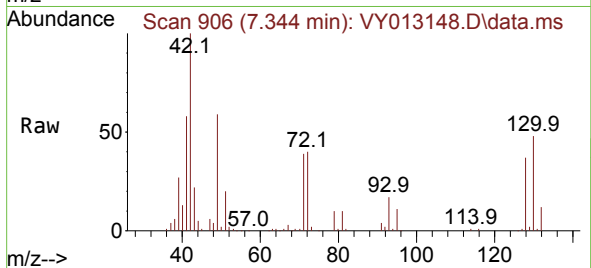
Tgt Ion: 42 Resp: 91944

Ion Ratio Lower Upper

42 100

72 41.4 32.3 48.5

71 39.0 30.3 45.5



#30

Chloroform

Concen: 48.313 ug/l

RT: 7.508 min Scan# 933

Delta R.T. -0.000 min

Lab File: VY013148.D

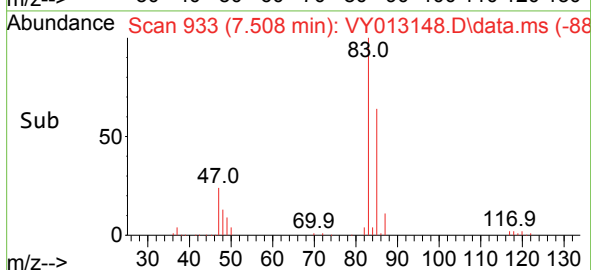
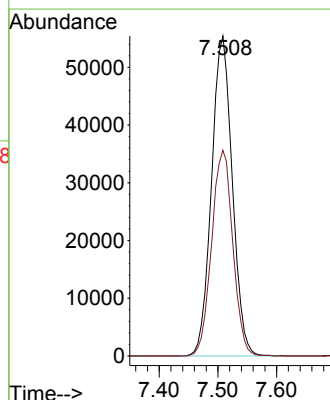
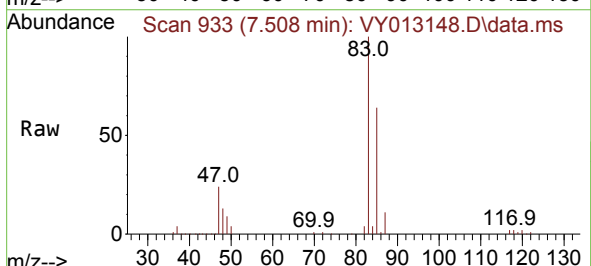
Acq: 30 Mar 2023 13:18

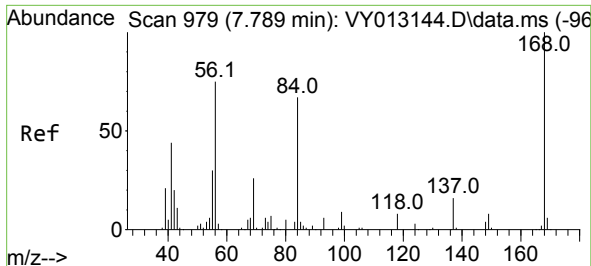
Tgt Ion: 83 Resp: 135822

Ion Ratio Lower Upper

83 100

85 64.3 51.4 77.0

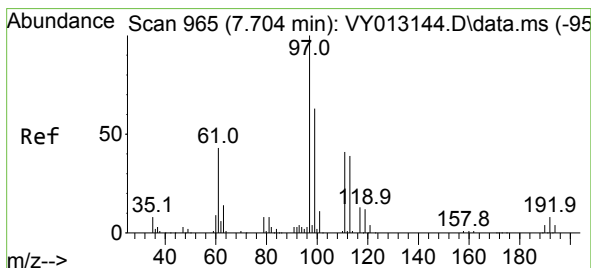
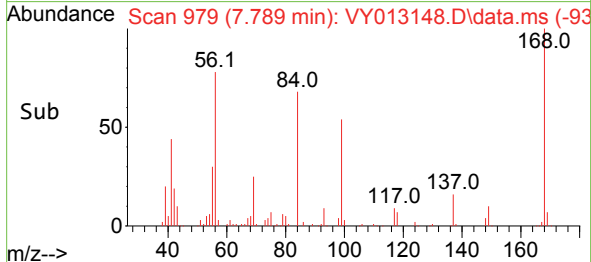
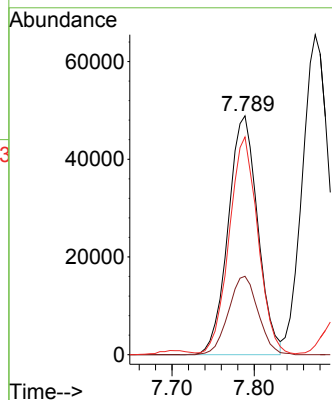
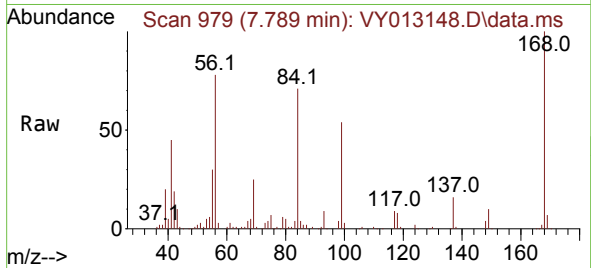




#31
Cyclohexane
Concen: 49.301 ug/l
RT: 7.789 min Scan# 912
Delta R.T. -0.000 min
Lab File: VY013148.D
Acq: 30 Mar 2023 13:18

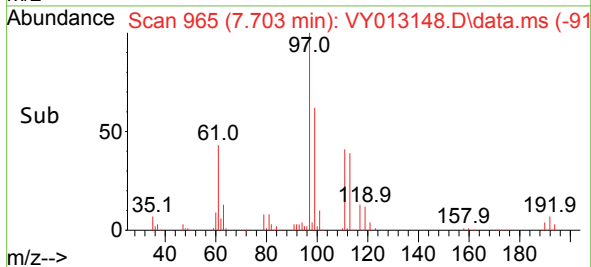
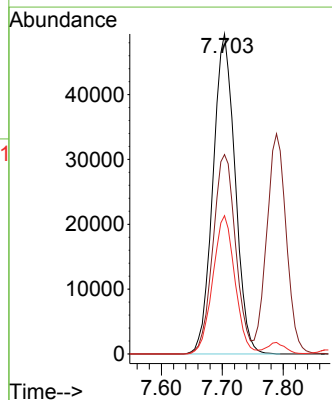
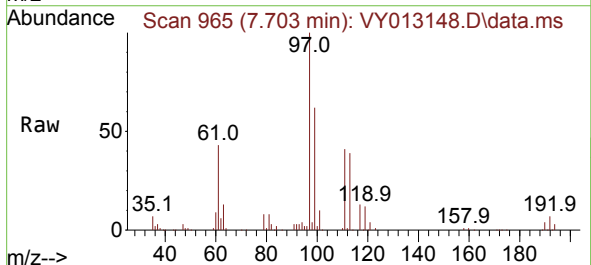
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY033023

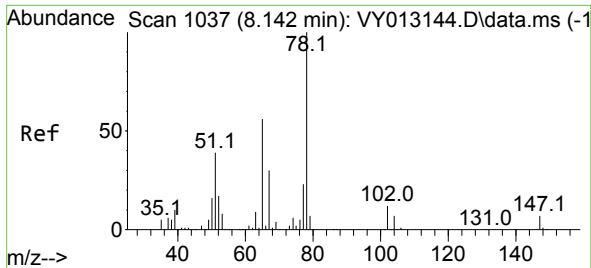
Tgt Ion: 56 Resp: 122512
Ion Ratio Lower Upper
56 100
69 32.8 25.7 38.5
84 89.6 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 50.050 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY013148.D
Acq: 30 Mar 2023 13:18

Tgt Ion: 97 Resp: 124405
Ion Ratio Lower Upper
97 100
99 63.9 51.0 76.6
61 43.4 34.5 51.7

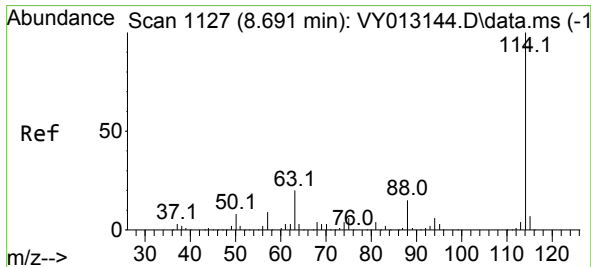
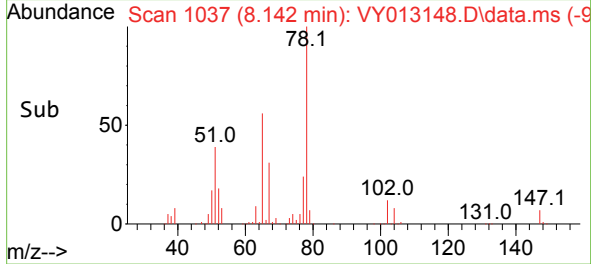
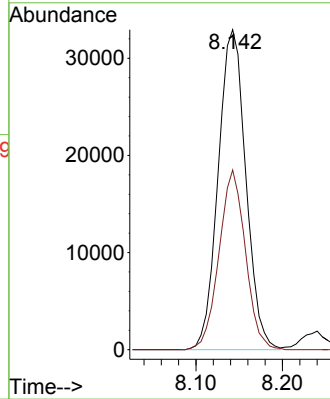
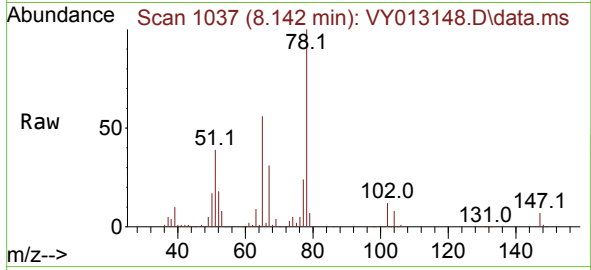




#33
 1,2-Dichloroethane-d4
 Concen: 47.999 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY013148.D
 Acq: 30 Mar 2023 13:18

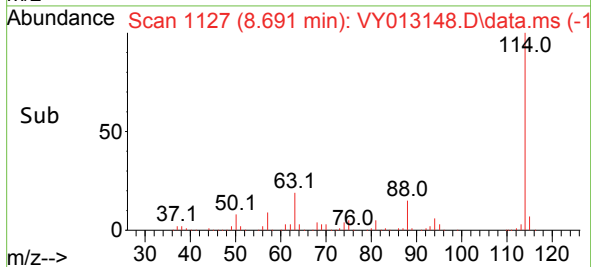
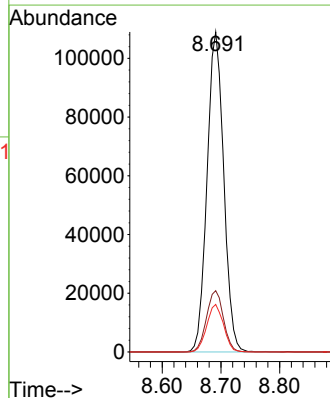
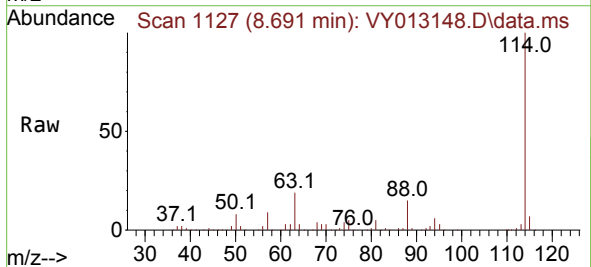
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY033023

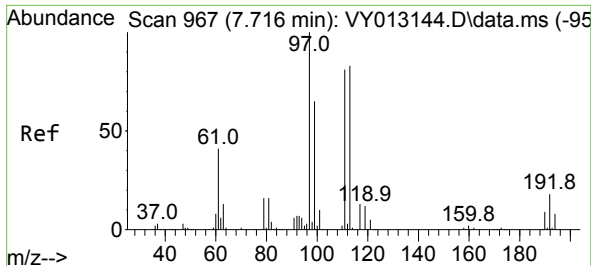
Tgt Ion: 65 Resp: 73061
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY013148.D
 Acq: 30 Mar 2023 13:18

Tgt Ion: 114 Resp: 214634
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 37.4
 88 14.9 0.0 28.6

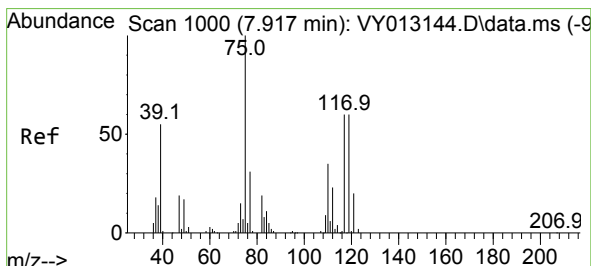
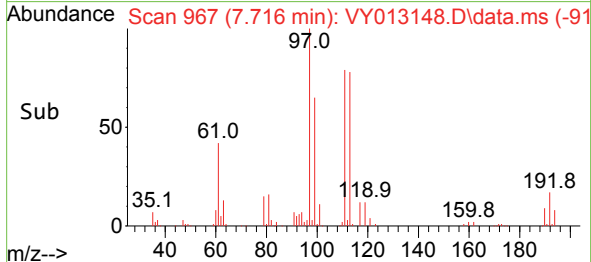
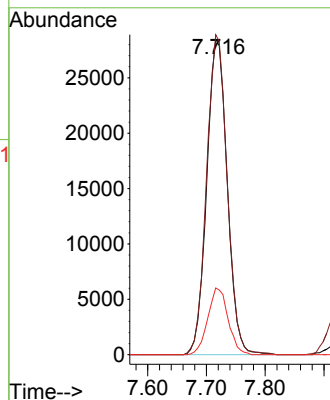
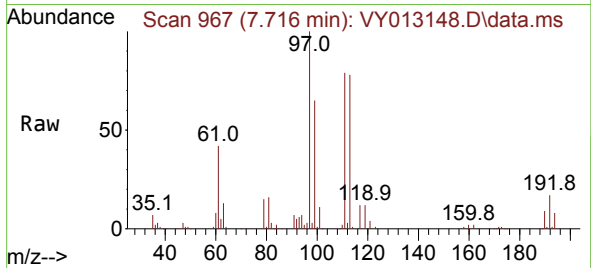




#35
Dibromofluoromethane
Concen: 49.229 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013148.D
Acq: 30 Mar 2023 13:18

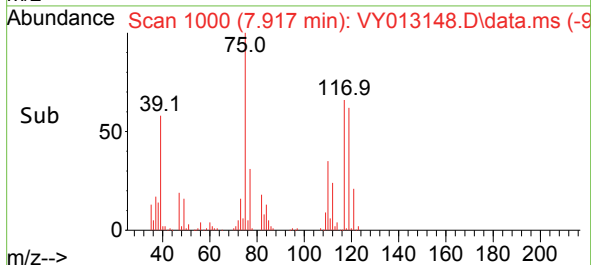
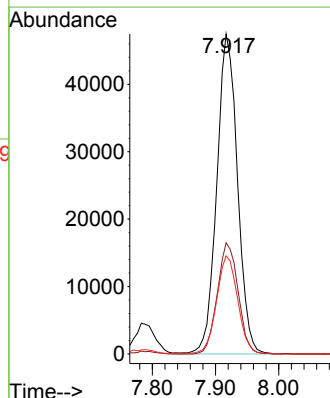
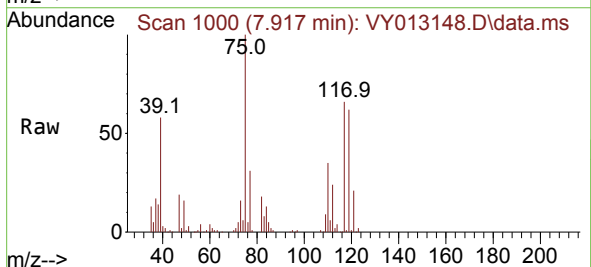
Instrument :
MSVOA_Y
ClientSampleId :
ICVY033023

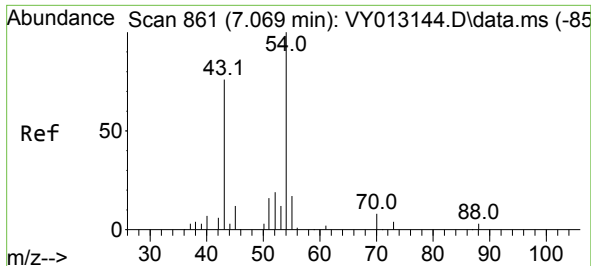
Tgt Ion:113 Resp: 69026
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.2
192 21.0 16.8 25.2



#36
1,1-Dichloropropene
Concen: 50.984 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY013148.D
Acq: 30 Mar 2023 13:18

Tgt Ion: 75 Resp: 107617
Ion Ratio Lower Upper
75 100
110 34.9 17.8 53.3
77 31.4 25.0 37.4





#37

Ethyl Acetate

Concen: 52.417 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY013148.D

Acq: 30 Mar 2023 13:18

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY033023

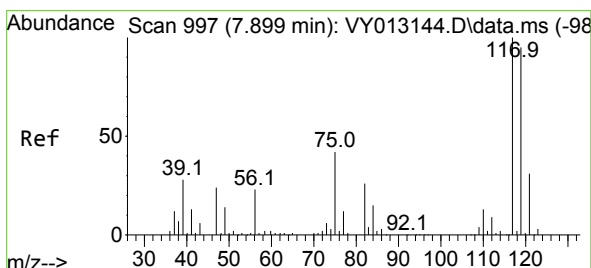
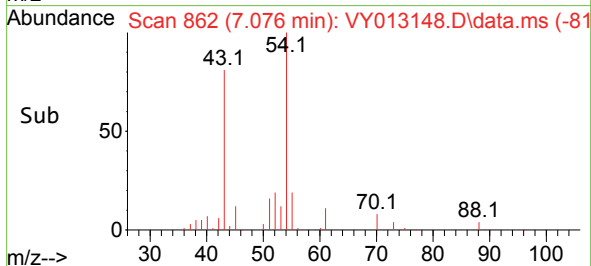
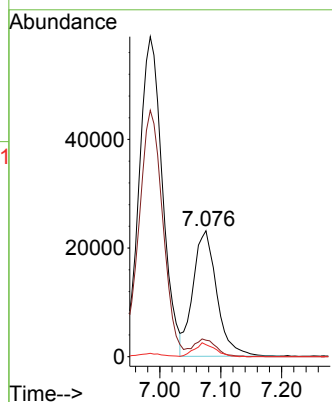
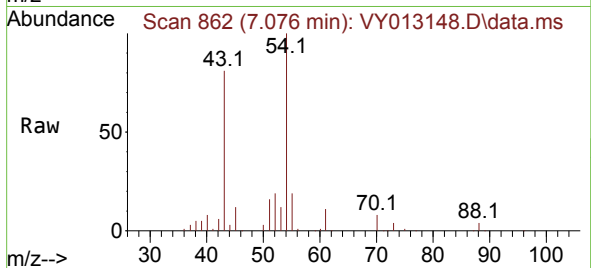
Tgt Ion: 43 Resp: 62852

Ion Ratio Lower Upper

43 100

61 12.1 10.7 16.1

70 9.5 7.8 11.8



#38

Carbon Tetrachloride

Concen: 49.539 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY013148.D

Acq: 30 Mar 2023 13:18

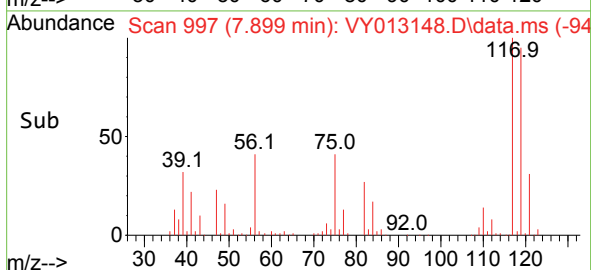
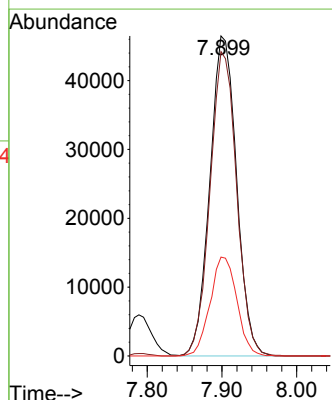
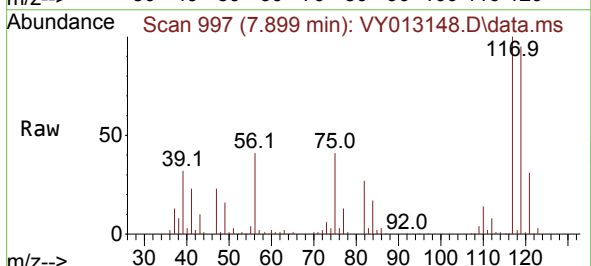
Tgt Ion:117 Resp: 115378

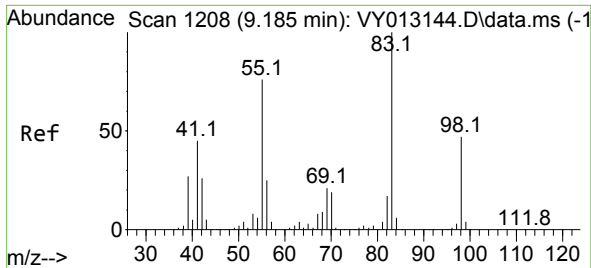
Ion Ratio Lower Upper

117 100

119 94.9 77.2 115.8

121 30.9 24.7 37.1

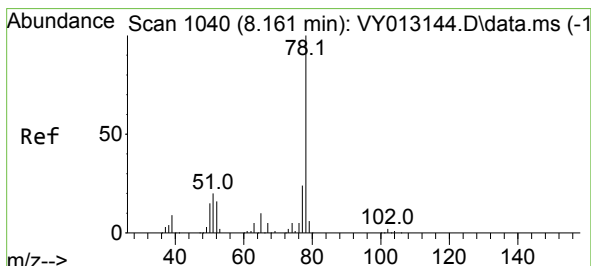
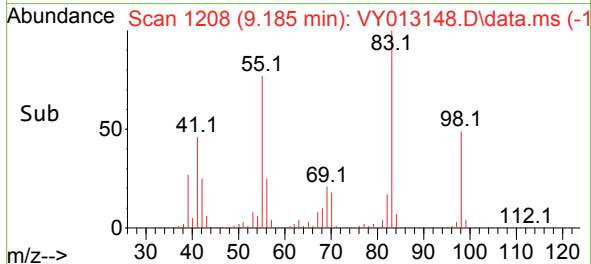
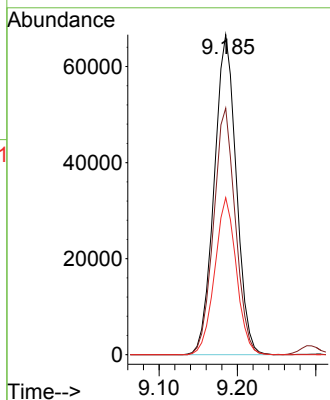
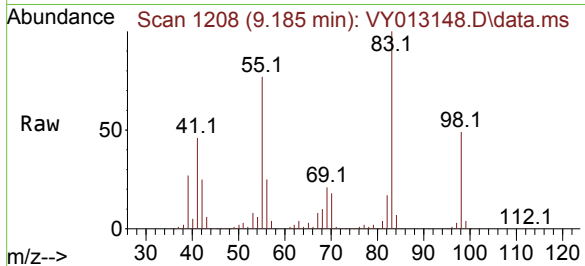




#39
Methylcyclohexane
Concen: 52.742 ug/l
RT: 9.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013148.D
Acq: 30 Mar 2023 13:18

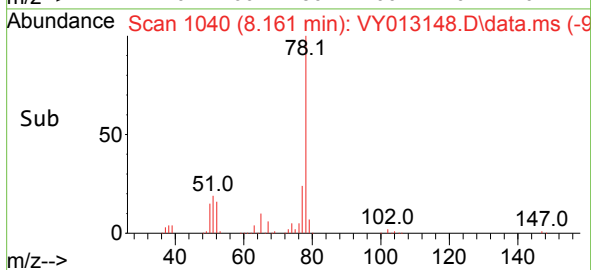
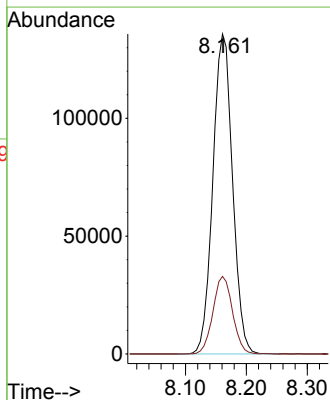
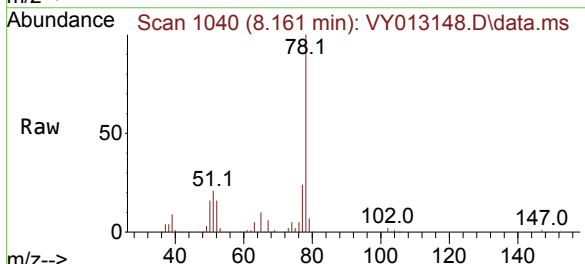
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY033023

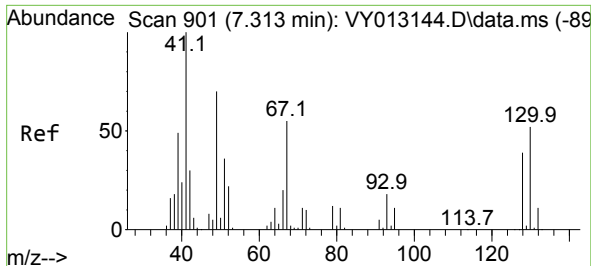
Tgt Ion: 83 Resp: 130608
Ion Ratio Lower Upper
83 100
55 77.1 60.0 90.0
98 49.1 38.3 57.5



#40
Benzene
Concen: 49.888 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY013148.D
Acq: 30 Mar 2023 13:18

Tgt Ion: 78 Resp: 304152
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.0

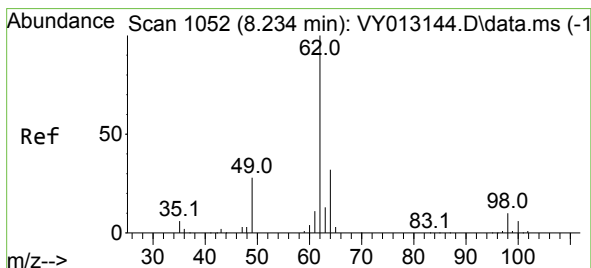
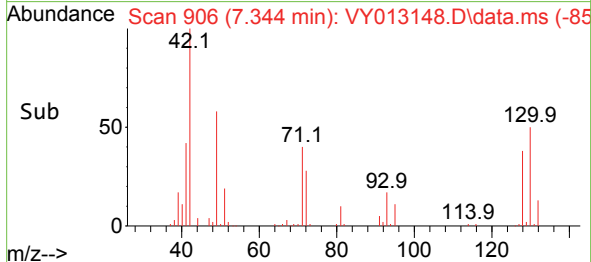
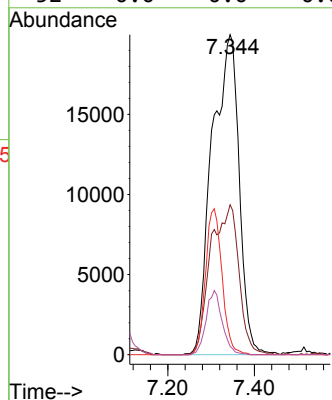
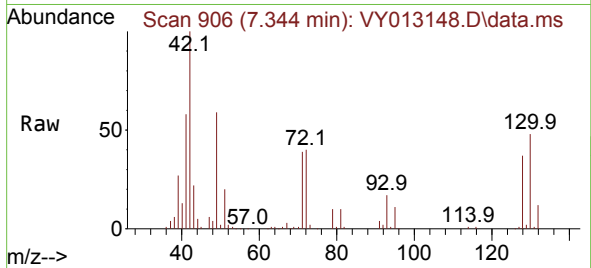




#41
Methacrylonitrile
Concen: 148.608 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.030 min
Lab File: VY013148.D
Acq: 30 Mar 2023 13:18

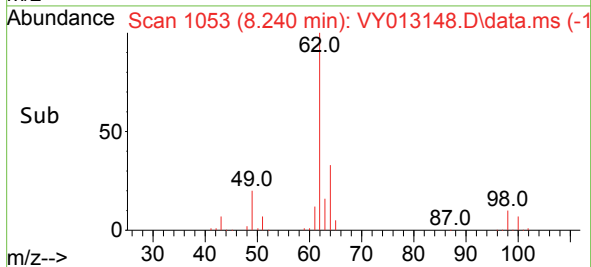
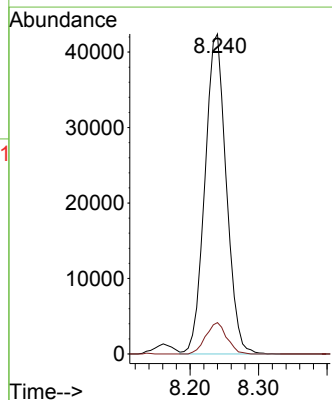
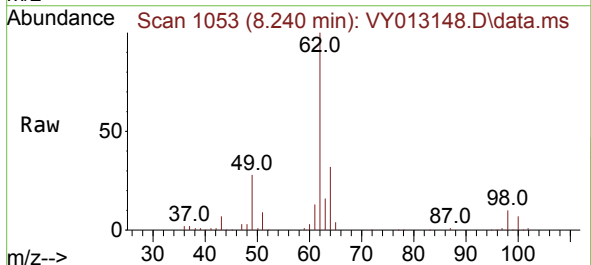
Instrument :
MSVOA_Y
ClientSampleId :
ICVY033023

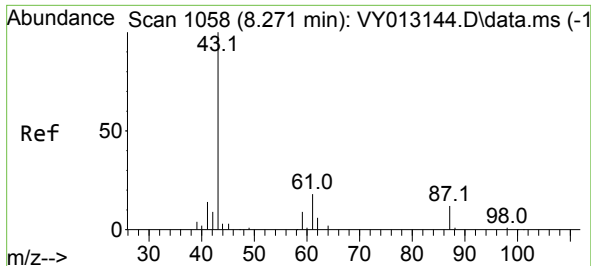
Tgt Ion: 41 Resp: 86561
Ion Ratio Lower Upper
41 100
39 48.9 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 49.170 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY013148.D
Acq: 30 Mar 2023 13:18

Tgt Ion: 62 Resp: 91843
Ion Ratio Lower Upper
62 100
98 9.6 0.0 18.8

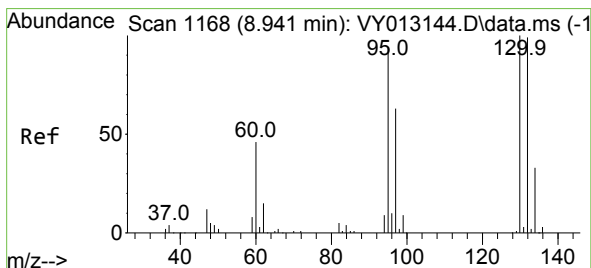
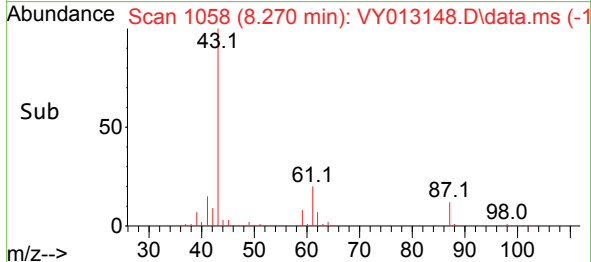
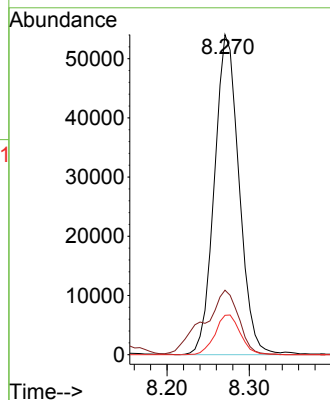
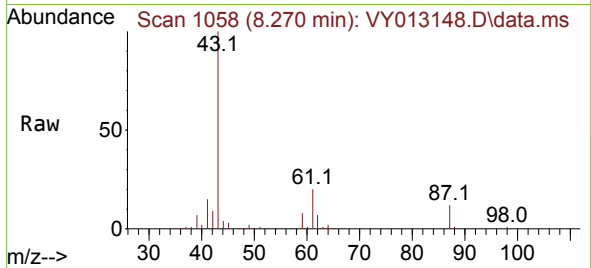




#43
Isopropyl Acetate
Concen: 52.485 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY013148.D
Acq: 30 Mar 2023 13:18

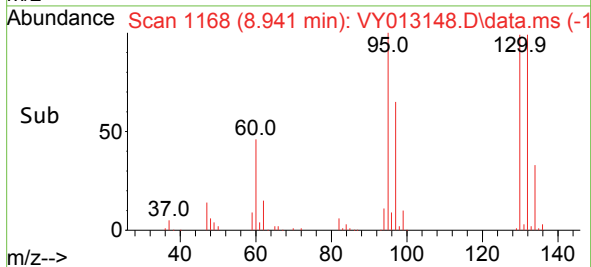
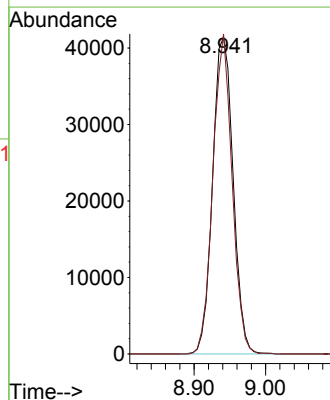
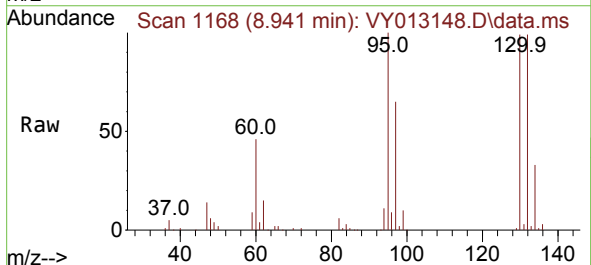
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY033023

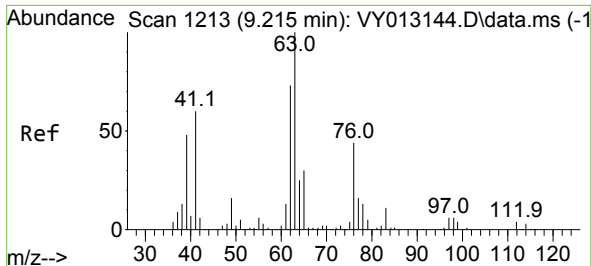
Tgt Ion: 43 Resp: 112650
Ion Ratio Lower Upper
43 100
61 28.7 21.6 32.4
87 12.7 9.9 14.9



#44
Trichloroethene
Concen: 49.092 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY013148.D
Acq: 30 Mar 2023 13:18

Tgt Ion: 130 Resp: 82391
Ion Ratio Lower Upper
130 100
95 101.1 0.0 185.0

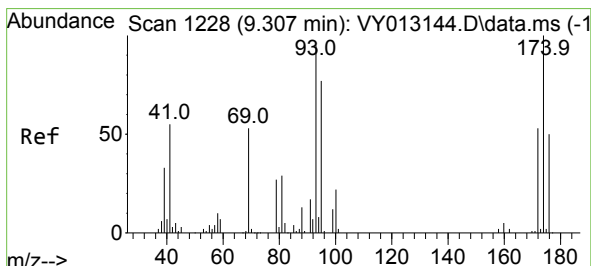
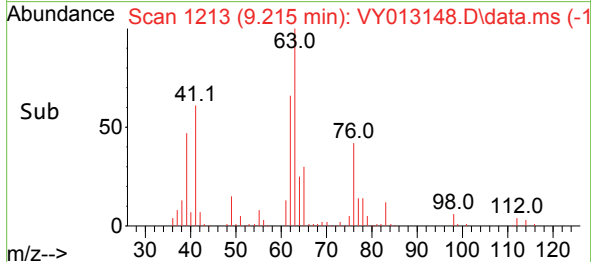
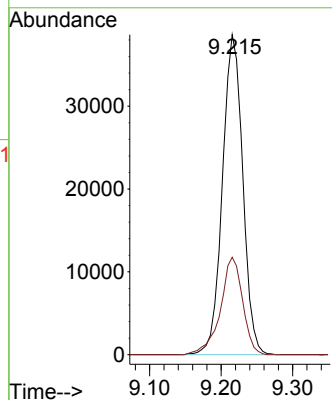
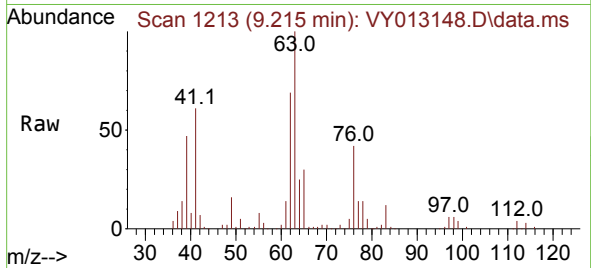




#45
1,2-Dichloropropane
Concen: 49.915 ug/l
RT: 9.215 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013148.D
Acq: 30 Mar 2023 13:18

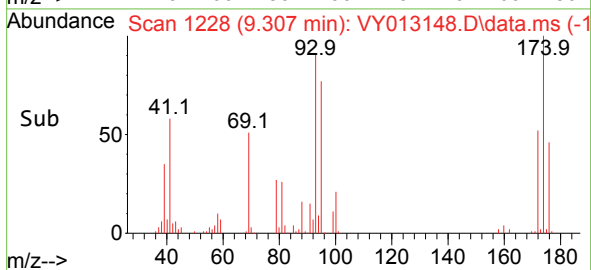
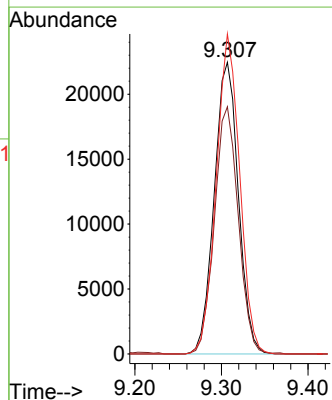
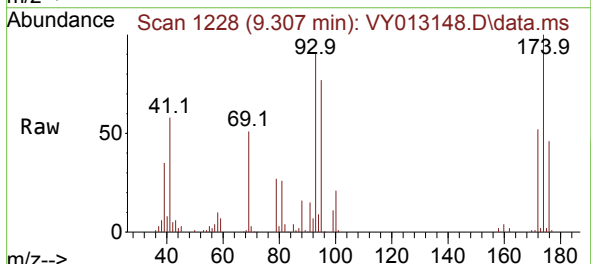
Instrument :
MSVOA_Y
ClientSampleId :
ICVY033023

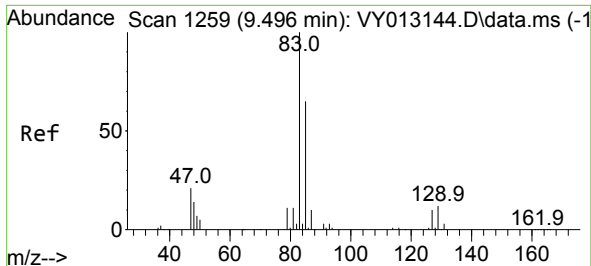
Tgt Ion: 63 Resp: 76202
Ion Ratio Lower Upper
63 100
65 30.5 25.7 38.5



#46
Dibromomethane
Concen: 49.554 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VY013148.D
Acq: 30 Mar 2023 13:18

Tgt Ion: 93 Resp: 43459
Ion Ratio Lower Upper
93 100
95 84.0 65.6 98.4
174 106.8 81.3 121.9

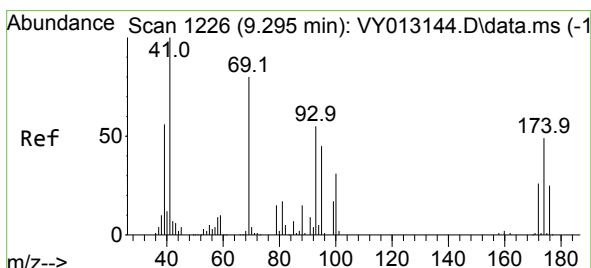
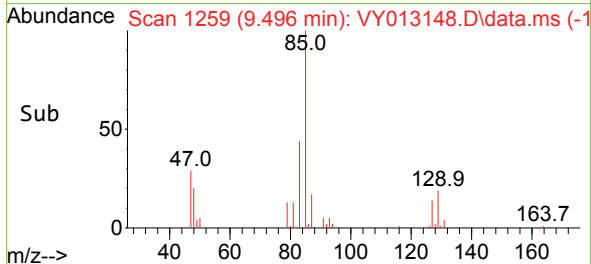
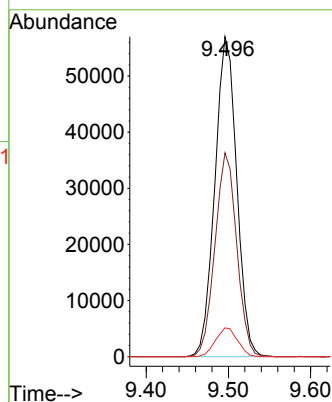
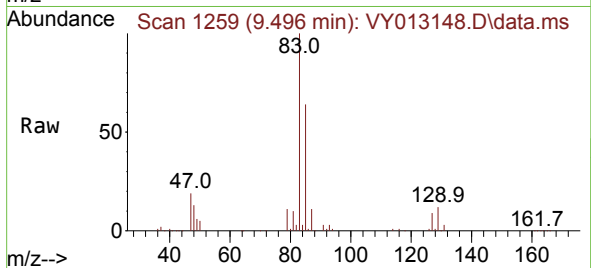




#47
Bromodichloromethane
Concen: 49.831 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY013148.D
Acq: 30 Mar 2023 13:18

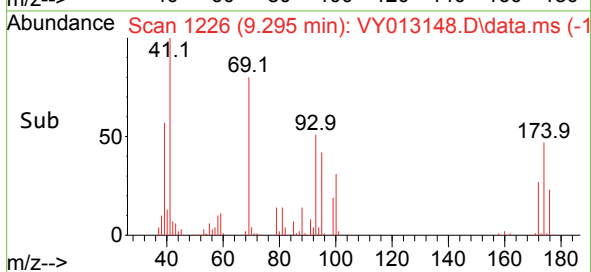
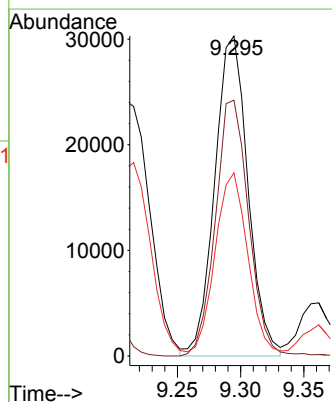
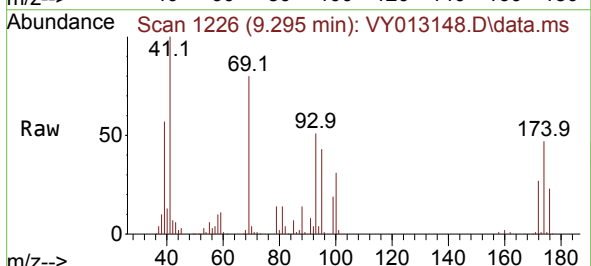
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY033023

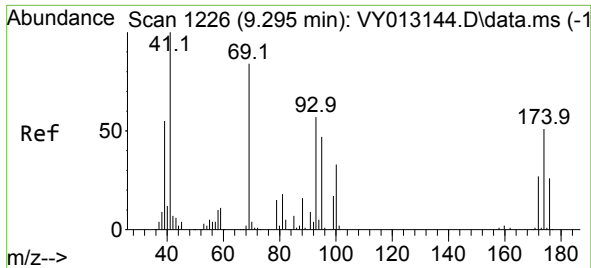
Tgt Ion: 83 Resp: 105447
Ion Ratio Lower Upper
83 100
85 63.7 50.2 75.4
127 9.0 6.3 9.5



#48
Methyl methacrylate
Concen: 55.335 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY013148.D
Acq: 30 Mar 2023 13:18

Tgt Ion: 41 Resp: 55313
Ion Ratio Lower Upper
41 100
69 80.3 64.1 96.1
39 54.1 44.0 66.0





#49

1,4-Dioxane

Concen: 1066.023 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013148.D

Acq: 30 Mar 2023 13:18

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY033023

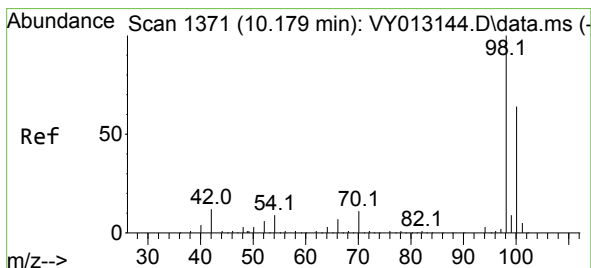
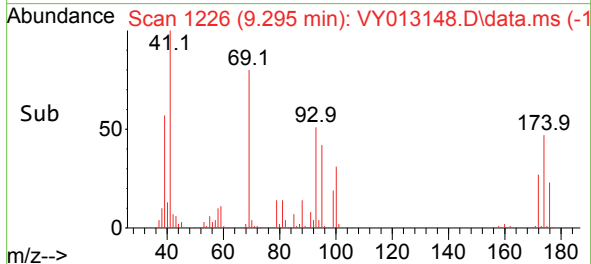
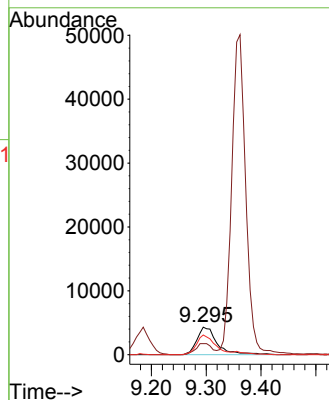
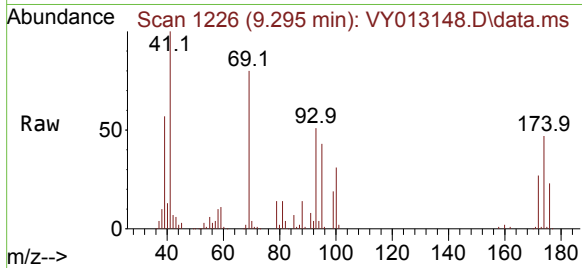
Tgt Ion: 88 Resp: 11122

Ion Ratio Lower Upper

88 100

43 33.0 28.6 42.8

58 65.8 55.2 82.8



#50

Toluene-d8

Concen: 48.968 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013148.D

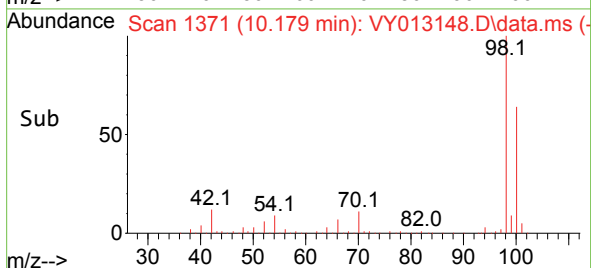
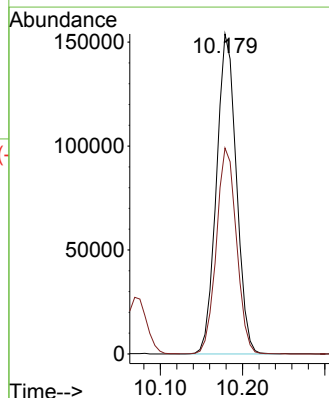
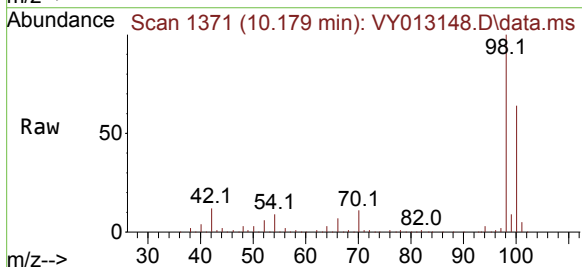
Acq: 30 Mar 2023 13:18

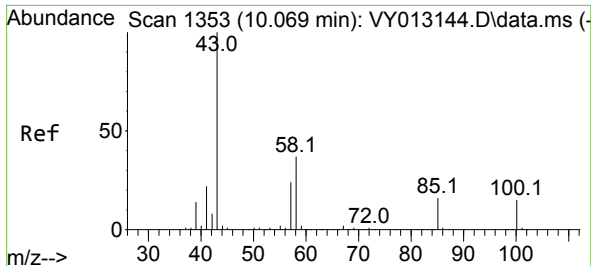
Tgt Ion: 98 Resp: 259199

Ion Ratio Lower Upper

98 100

100 65.0 50.9 76.3

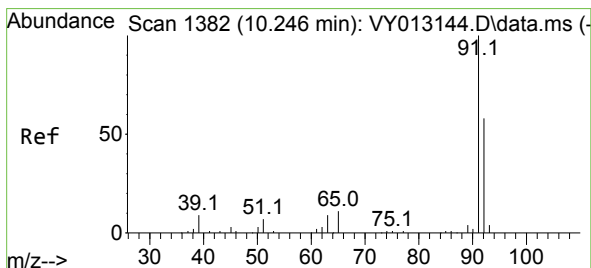
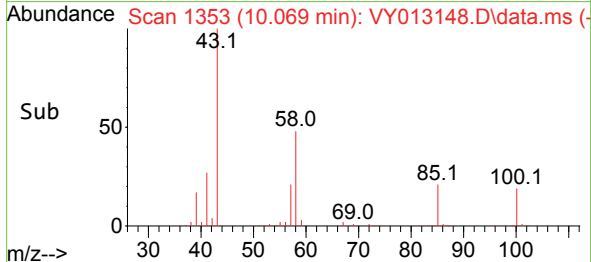
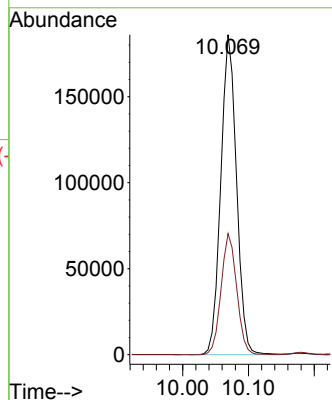
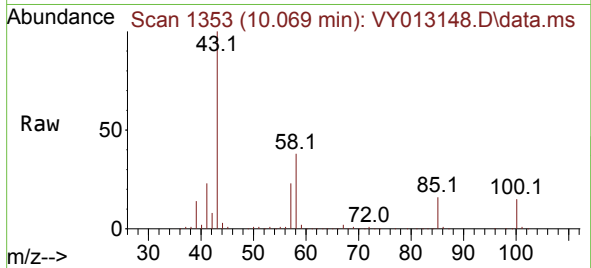




#51
4-Methyl-2-Pentanone
Concen: 266.834 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013148.D
Acq: 30 Mar 2023 13:18

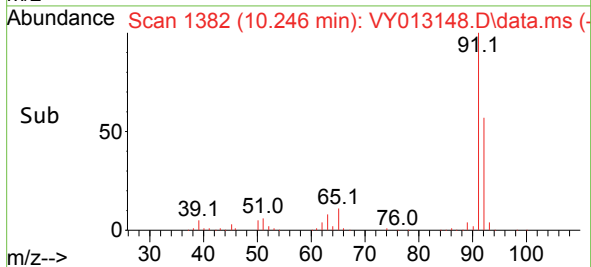
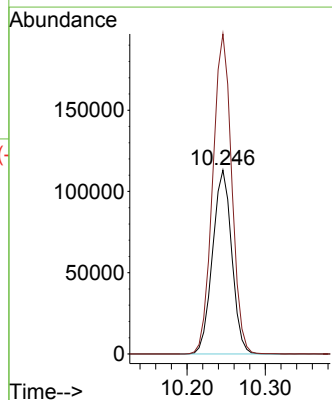
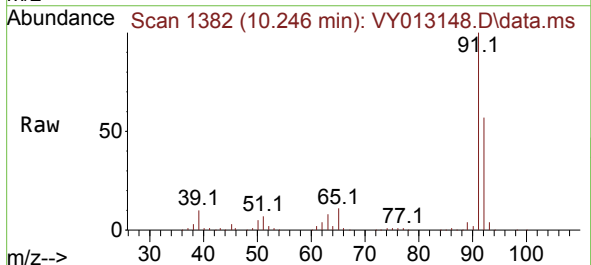
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY033023

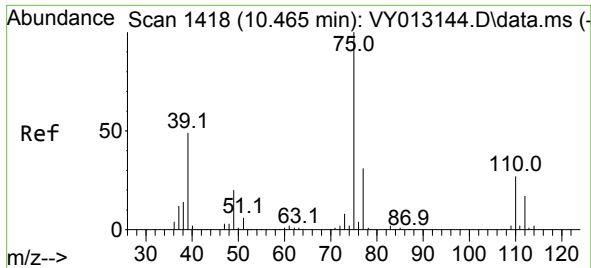
Tgt Ion: 43 Resp: 309087
Ion Ratio Lower Upper
43 100
58 37.6 29.8 44.6



#52
Toluene
Concen: 50.766 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY013148.D
Acq: 30 Mar 2023 13:18

Tgt Ion: 92 Resp: 191987
Ion Ratio Lower Upper
92 100
91 172.7 141.3 211.9

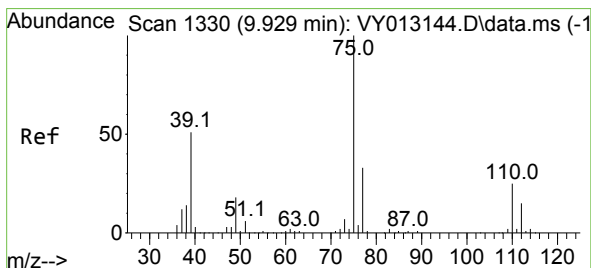
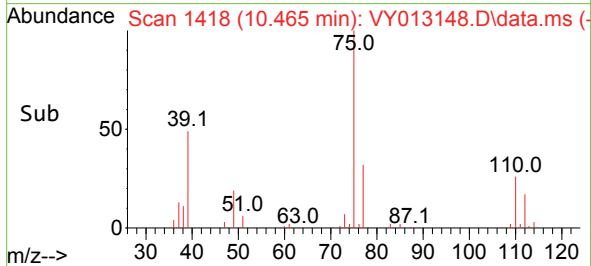
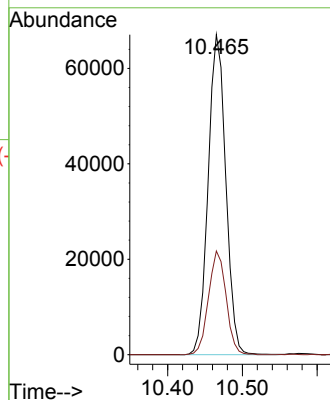
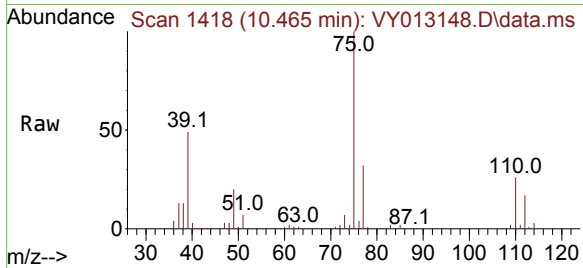




#53
t-1,3-Dichloropropene
Concen: 50.759 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY013148.D
Acq: 30 Mar 2023 13:18

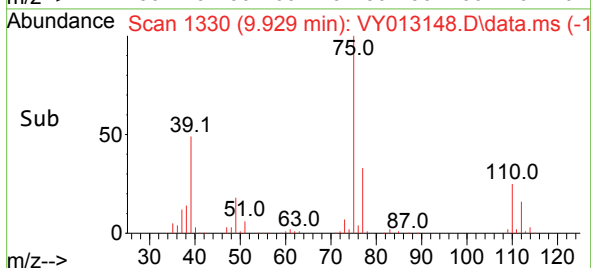
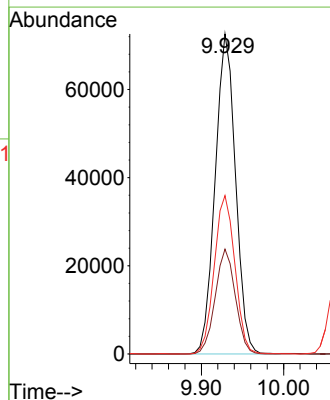
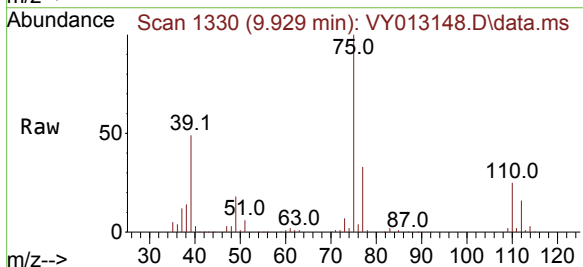
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY033023

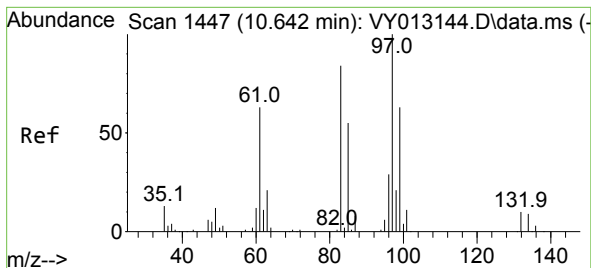
Tgt Ion: 75 Resp: 109787
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 50.595 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY013148.D
Acq: 30 Mar 2023 13:18

Tgt Ion: 75 Resp: 124981
Ion Ratio Lower Upper
75 100
77 32.7 25.4 38.0
39 49.5 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 49.474 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY013148.D

Acq: 30 Mar 2023 13:18

Instrument :

MSVOA_Y

ClientSampleId :

ICVY033023

Tgt Ion: 97 Resp: 59975

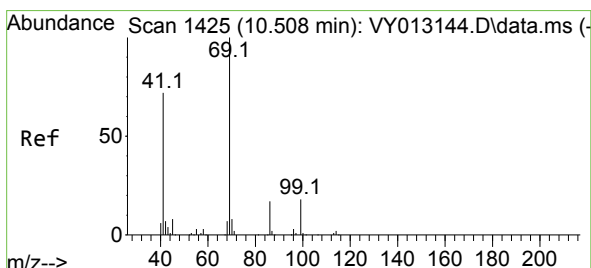
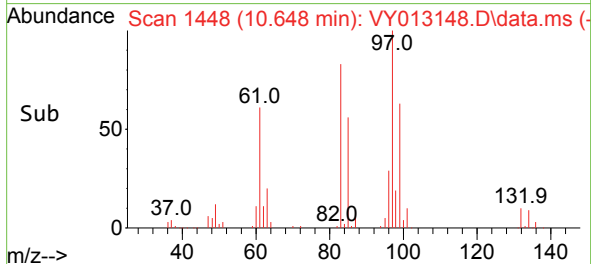
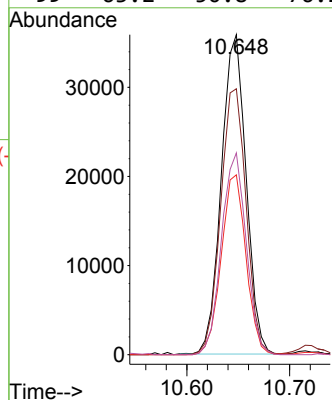
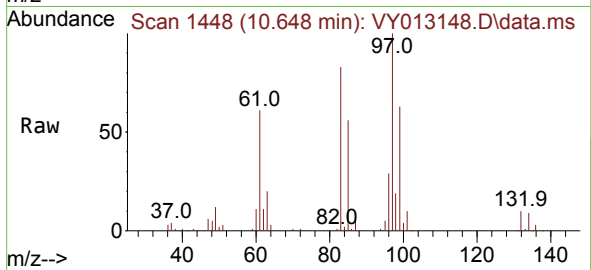
Ion Ratio Lower Upper

97 100

83 83.3 69.0 103.6

85 56.3 44.9 67.3

99 63.2 50.8 76.2



#56

Ethyl methacrylate

Concen: 54.252 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY013148.D

Acq: 30 Mar 2023 13:18

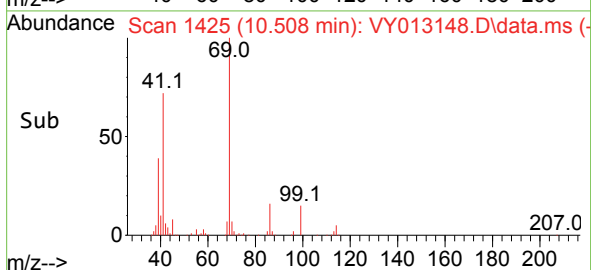
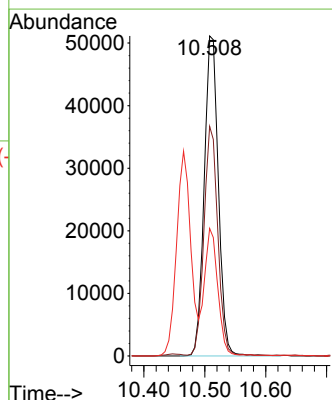
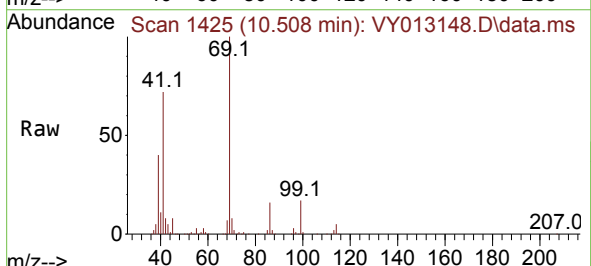
Tgt Ion: 69 Resp: 82690

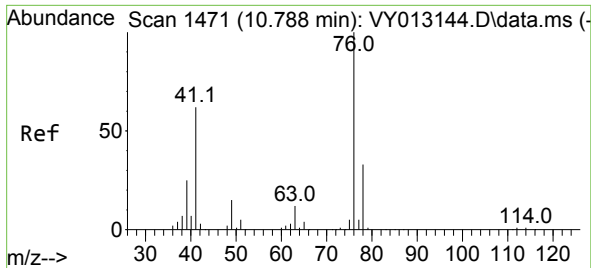
Ion Ratio Lower Upper

69 100

41 69.8 56.4 84.6

39 37.2 30.8 46.2

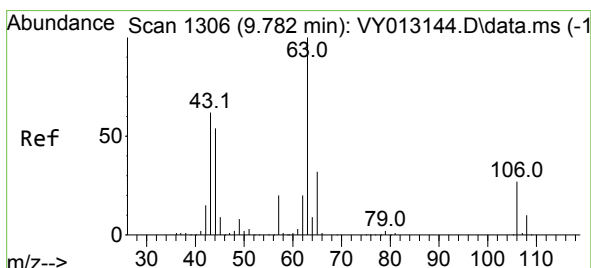
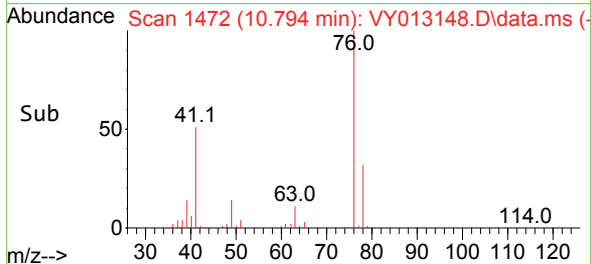
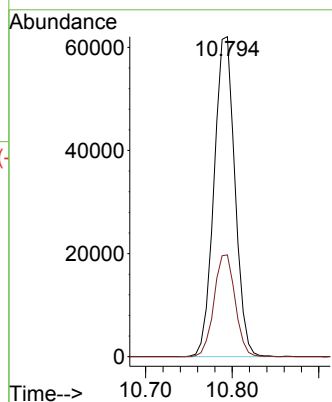
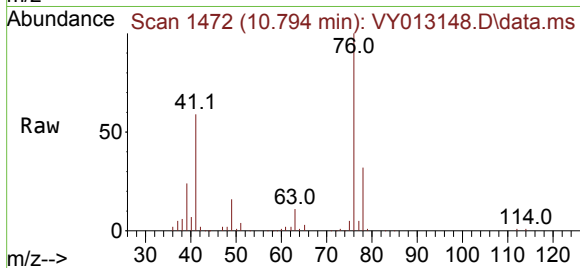




#57
1,3-Dichloropropane
Concen: 50.727 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VY013148.D
Acq: 30 Mar 2023 13:18

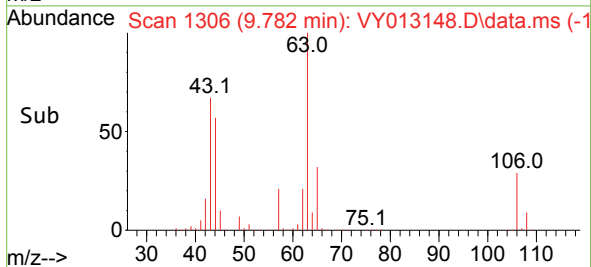
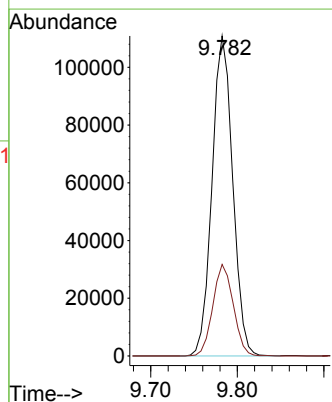
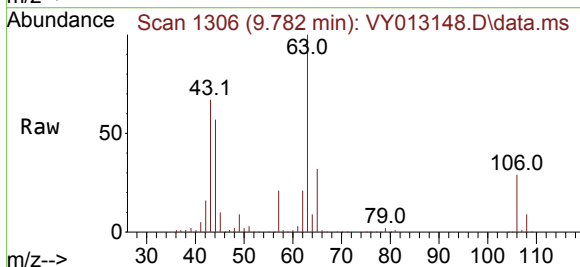
Instrument :
MSVOA_Y
ClientSampleId :
ICVY033023

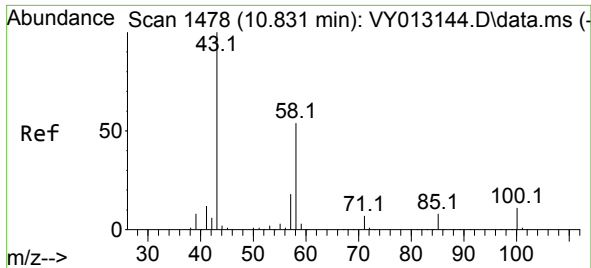
Tgt Ion: 76 Resp: 103812
Ion Ratio Lower Upper
76 100
78 32.3 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 258.121 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY013148.D
Acq: 30 Mar 2023 13:18

Tgt Ion: 63 Resp: 183958
Ion Ratio Lower Upper
63 100
106 28.2 22.1 33.1

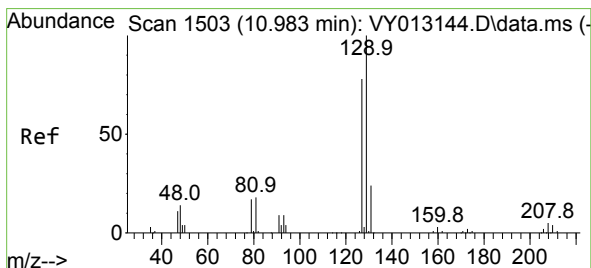
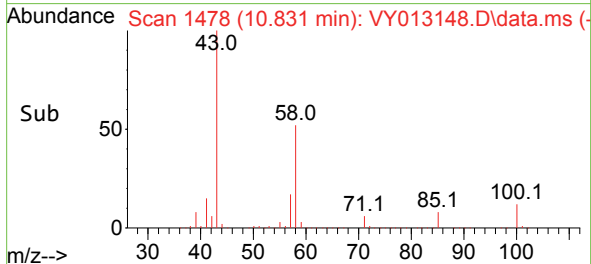
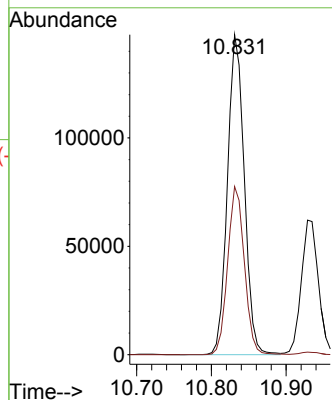
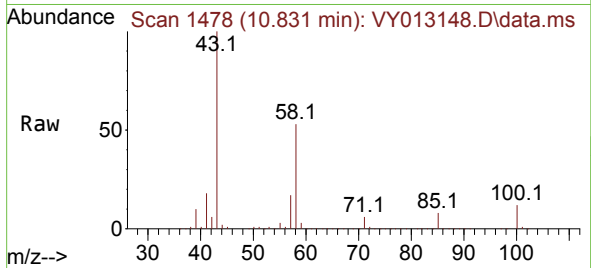




#59
2-Hexanone
Concen: 276.618 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY013148.D
Acq: 30 Mar 2023 13:18

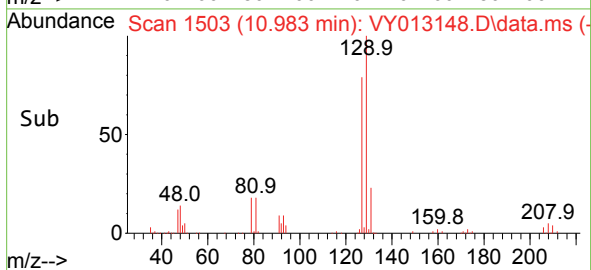
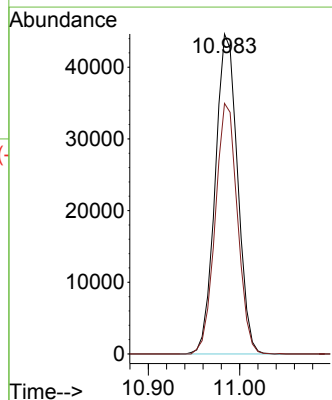
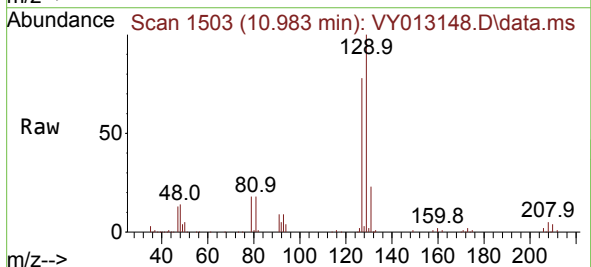
Instrument :
MSVOA_Y
ClientSampleId :
ICVY033023

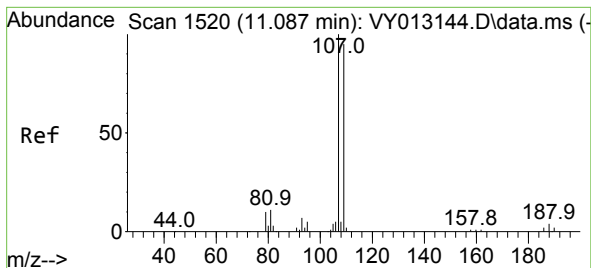
Tgt Ion: 43 Resp: 231736
Ion Ratio Lower Upper
43 100
58 52.2 25.9 77.8



#60
Dibromochloromethane
Concen: 49.764 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY013148.D
Acq: 30 Mar 2023 13:18

Tgt Ion: 129 Resp: 75770
Ion Ratio Lower Upper
129 100
127 77.8 38.7 116.1





#61

1,2-Dibromoethane

Concen: 49.856 ug/l

RT: 11.093 min Scan# 1521

Delta R.T. 0.006 min

Lab File: VY013148.D

Acq: 30 Mar 2023 13:18

Instrument :

MSVOA_Y

ClientSampleId :

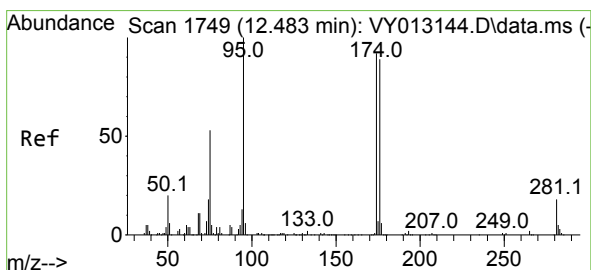
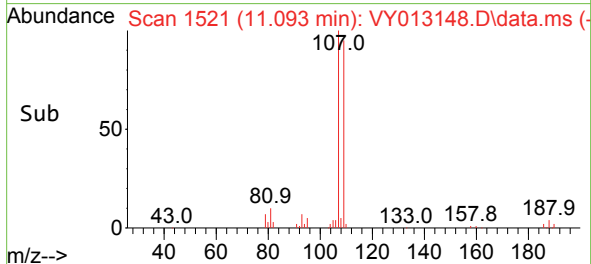
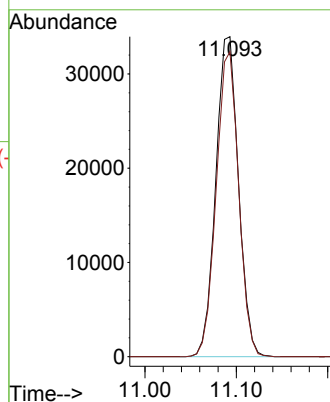
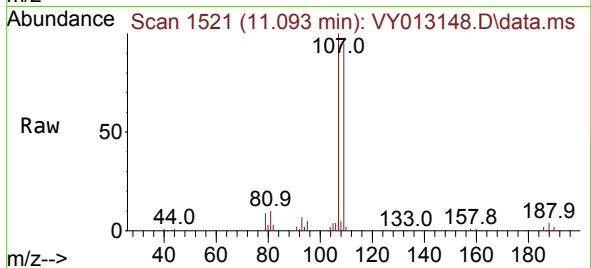
ICVVY033023

Tgt Ion:107 Resp: 58560

Ion Ratio Lower Upper

107 100

109 94.2 75.0 112.6



#62

4-Bromofluorobenzene

Concen: 48.873 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY013148.D

Acq: 30 Mar 2023 13:18

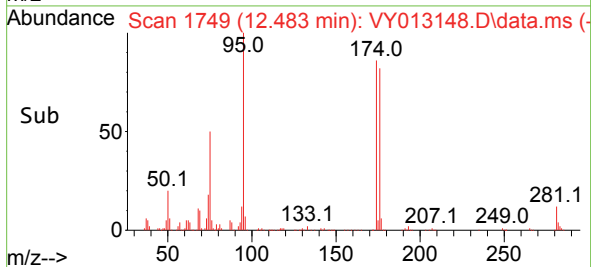
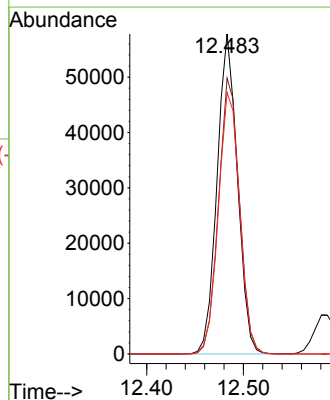
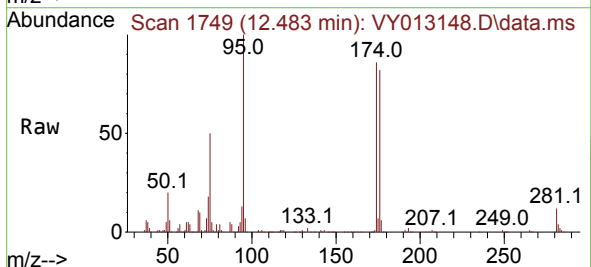
Tgt Ion: 95 Resp: 84207

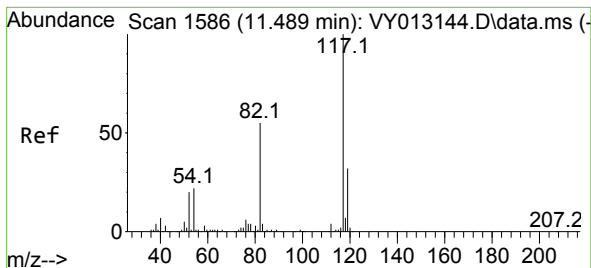
Ion Ratio Lower Upper

95 100

174 88.9 0.0 176.6

176 86.1 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013148.D

Acq: 30 Mar 2023 13:18

Instrument :

MSVOA_Y

ClientSampleId :

ICVY033023

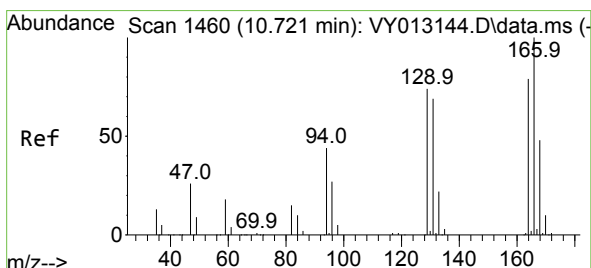
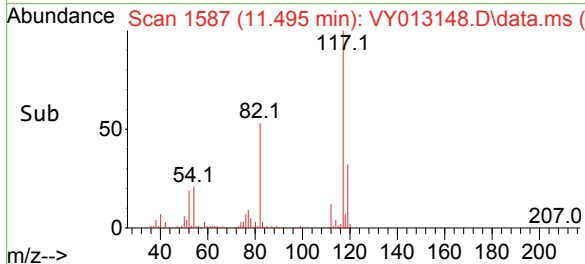
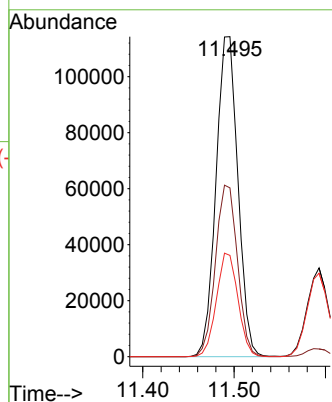
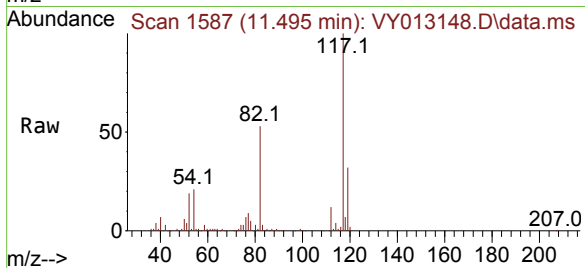
Tgt Ion:117 Resp: 190597

Ion Ratio Lower Upper

117 100

82 52.7 45.4 68.0

119 31.7 25.6 38.4



#64

Tetrachloroethene

Concen: 49.829 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VY013148.D

Acq: 30 Mar 2023 13:18

Tgt Ion:164 Resp: 73014

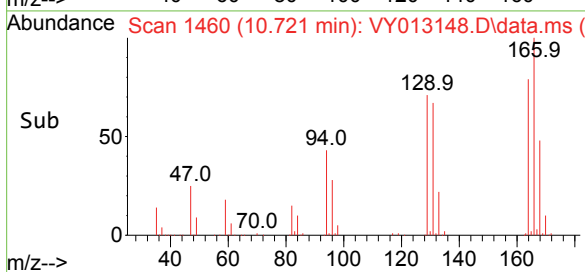
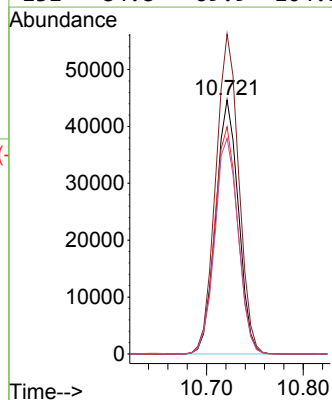
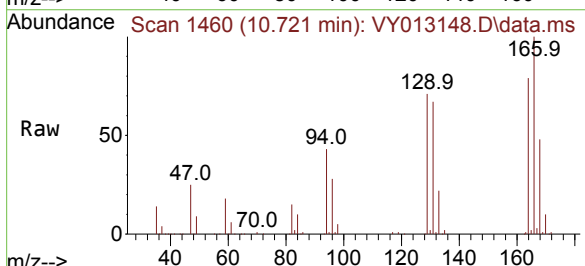
Ion Ratio Lower Upper

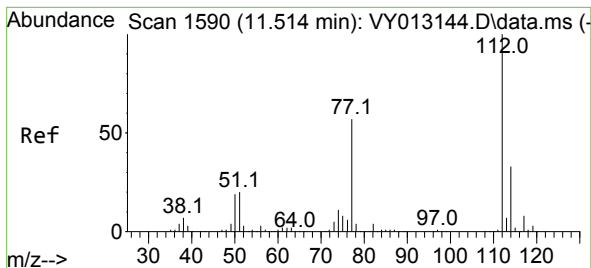
164 100

166 126.0 103.4 155.2

129 89.4 71.4 107.2

131 84.8 69.9 104.9





#65

Chlorobenzene

Concen: 49.981 ug/l

RT: 11.520 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VY013148.D

Acq: 30 Mar 2023 13:18

Instrument :

MSVOA_Y

ClientSampleId :

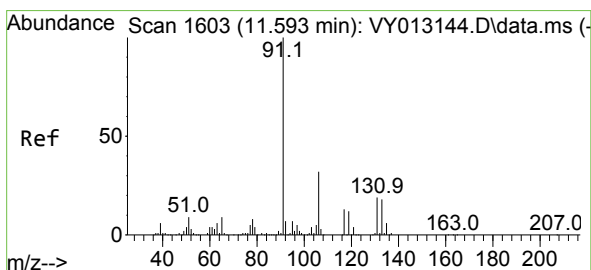
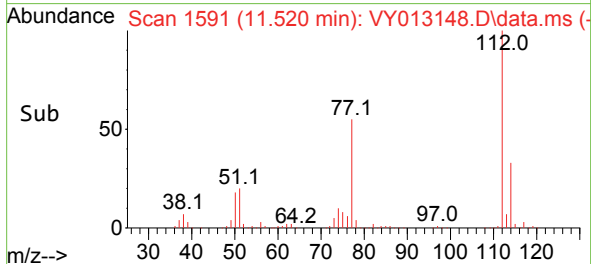
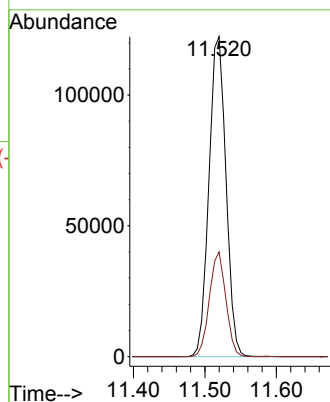
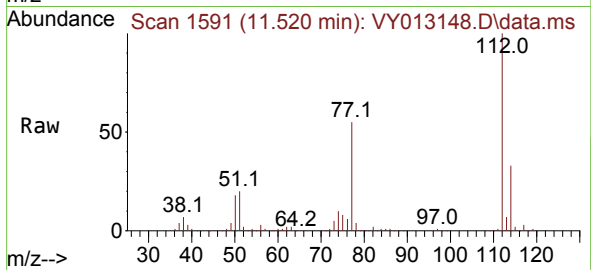
ICVVY033023

Tgt Ion:112 Resp: 202236

Ion Ratio Lower Upper

112 100

114 32.7 24.5 36.7



#66

1,1,1,2-Tetrachloroethane

Concen: 50.410 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY013148.D

Acq: 30 Mar 2023 13:18

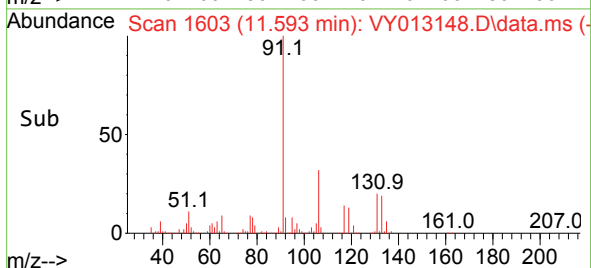
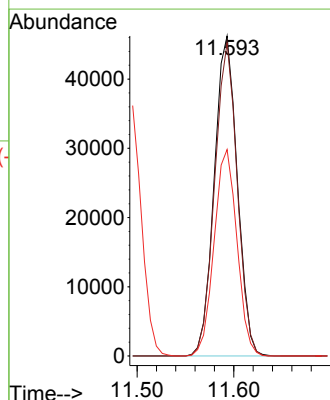
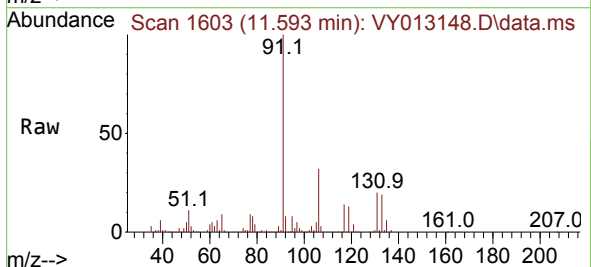
Tgt Ion:131 Resp: 76468

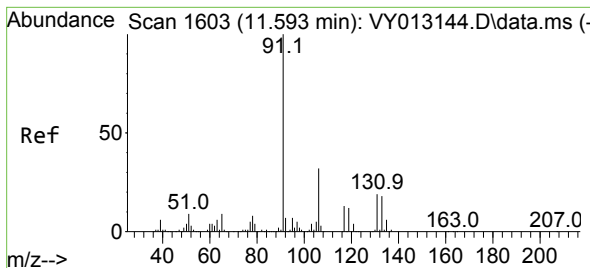
Ion Ratio Lower Upper

131 100

133 95.8 48.0 144.0

119 63.9 32.6 98.0





#67

Ethyl Benzene

Concen: 51.776 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY013148.D

Acq: 30 Mar 2023 13:18

Instrument :

MSVOA_Y

ClientSampleId :

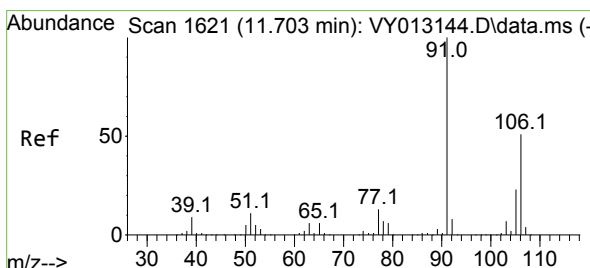
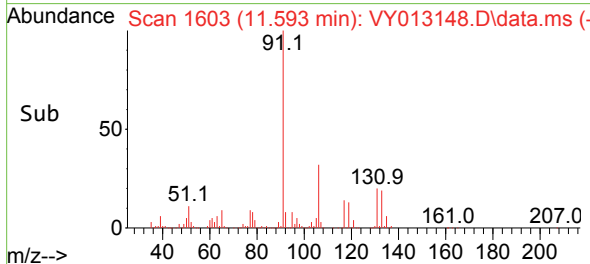
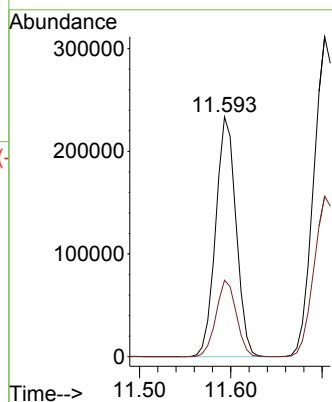
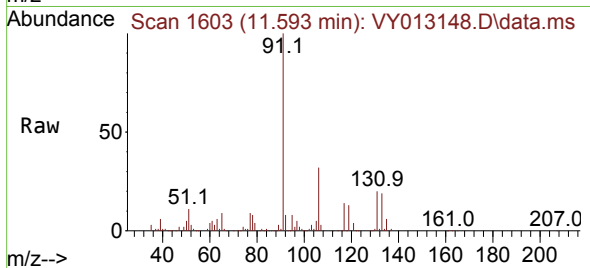
ICVY033023

Tgt Ion: 91 Resp: 361826

Ion Ratio Lower Upper

91 100

106 31.9 25.1 37.7



#68

m/p-Xylenes

Concen: 104.810 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY013148.D

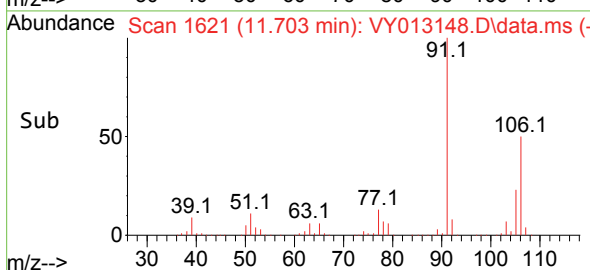
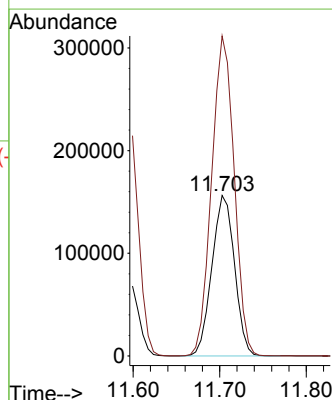
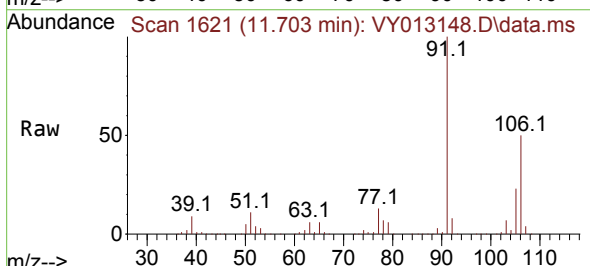
Acq: 30 Mar 2023 13:18

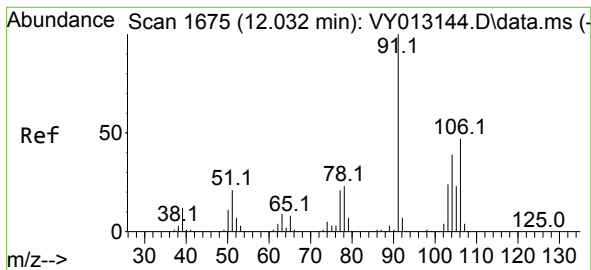
Tgt Ion:106 Resp: 283337

Ion Ratio Lower Upper

106 100

91 198.9 159.8 239.8





#69

o-Xylene

Concen: 53.002 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. -0.000 min

Lab File: VY013148.D

Acq: 30 Mar 2023 13:18

Instrument :

MSVOA_Y

ClientSampleId :

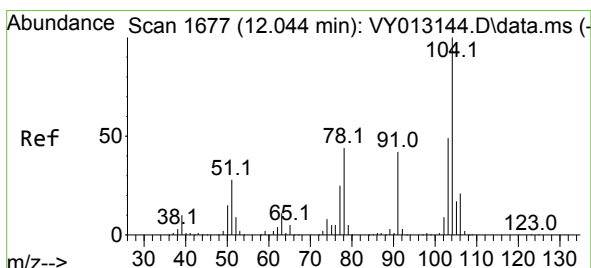
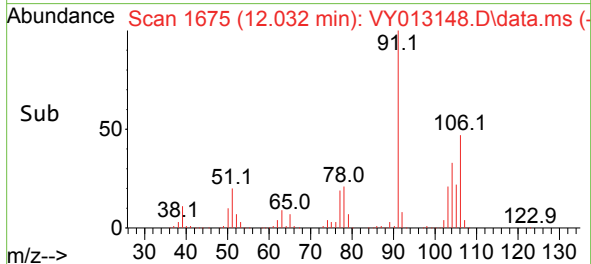
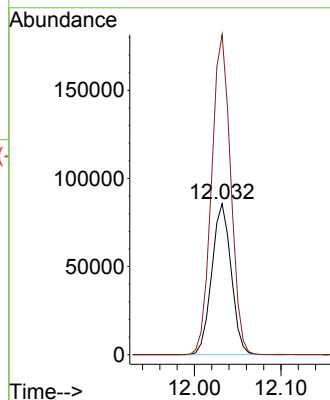
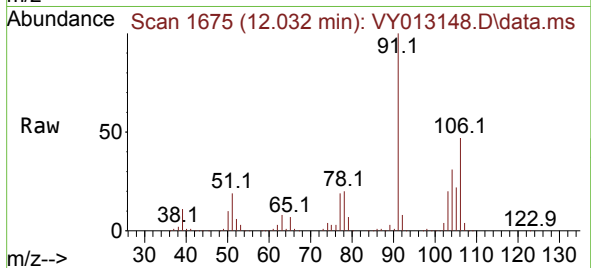
ICVVY033023

Tgt Ion:106 Resp: 132903

Ion Ratio Lower Upper

106 100

91 209.8 107.2 321.6



#70

Styrene

Concen: 52.720 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY013148.D

Acq: 30 Mar 2023 13:18

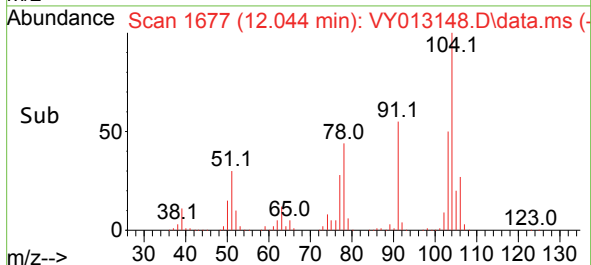
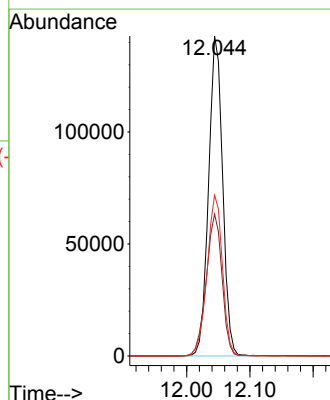
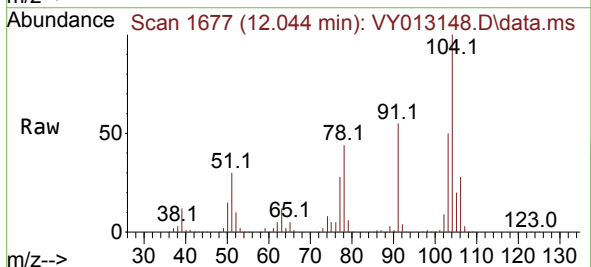
Tgt Ion:104 Resp: 221136

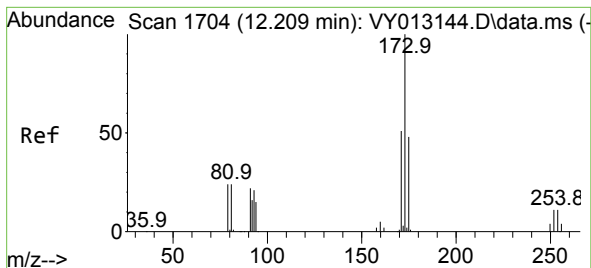
Ion Ratio Lower Upper

104 100

78 49.7 39.2 58.8

103 55.0 43.7 65.5





#71

Bromoform

Concen: 51.467 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013148.D

Acq: 30 Mar 2023 13:18

Instrument :

MSVOA_Y

ClientSampleId :

ICVY033023

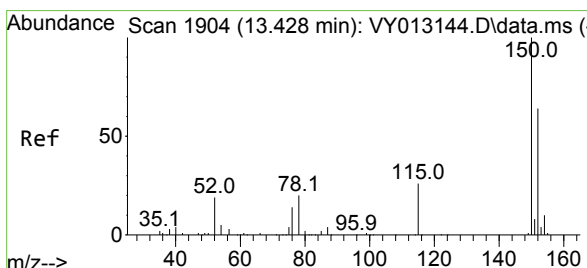
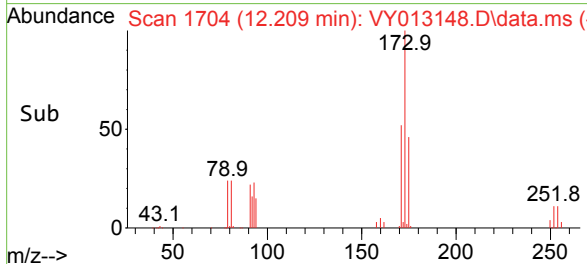
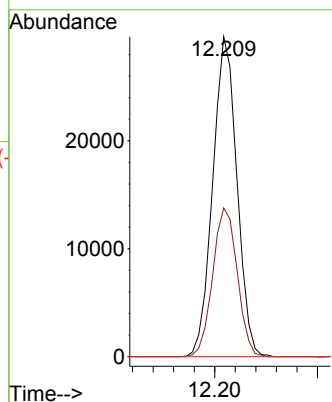
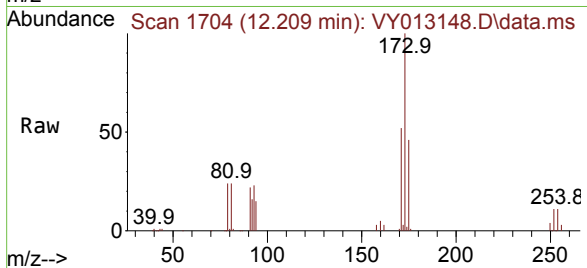
Tgt Ion:173 Resp: 48411

Ion Ratio Lower Upper

173 100

175 47.2 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: VY013148.D

Acq: 30 Mar 2023 13:18

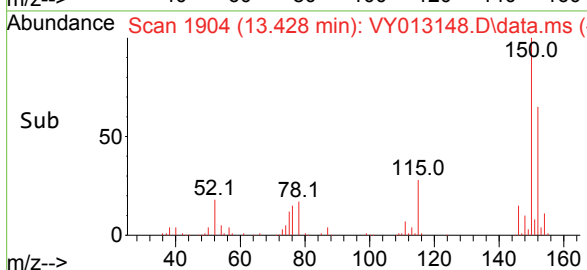
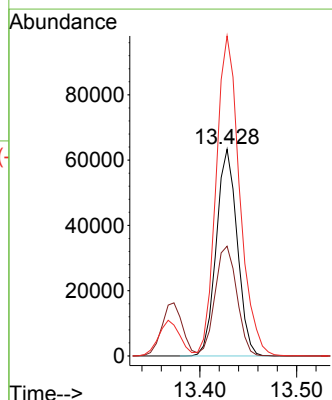
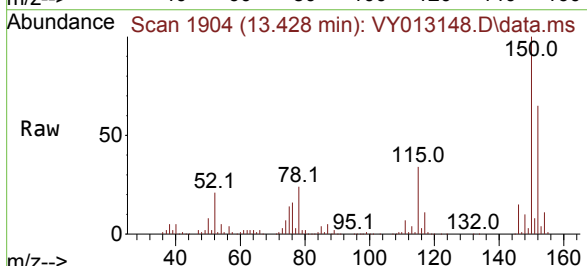
Tgt Ion:152 Resp: 95237

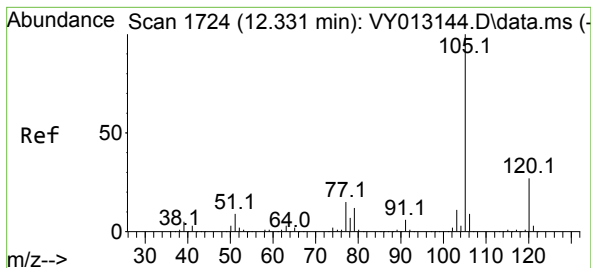
Ion Ratio Lower Upper

152 100

115 55.6 27.1 81.3

150 174.2 0.0 347.8





#73

Isopropylbenzene

Concen: 53.083 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013148.D

Acq: 30 Mar 2023 13:18

Instrument :

MSVOA_Y

ClientSampleId :

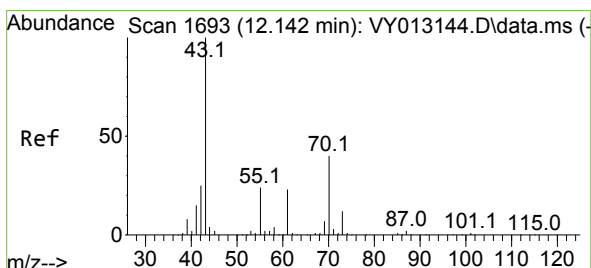
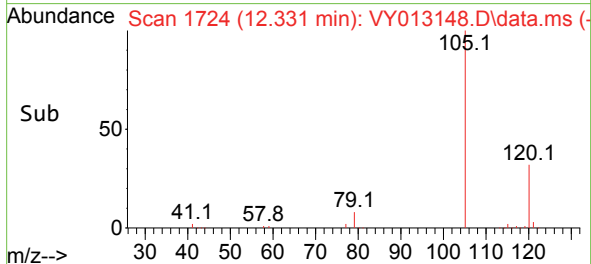
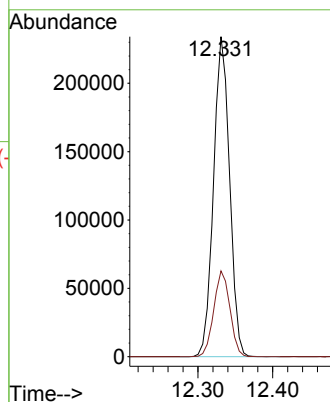
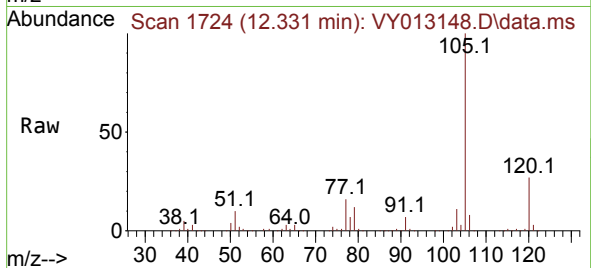
ICVY033023

Tgt Ion:105 Resp: 348972

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.2



#74

N-ethyl acetate

Concen: 55.144 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013148.D

Acq: 30 Mar 2023 13:18

Tgt Ion: 43 Resp: 99534

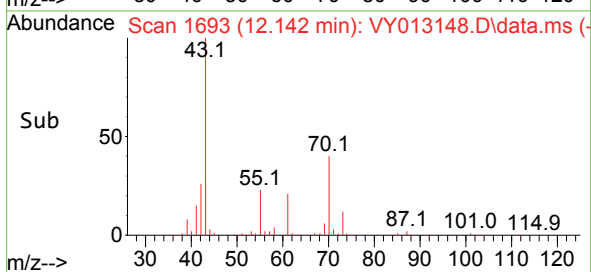
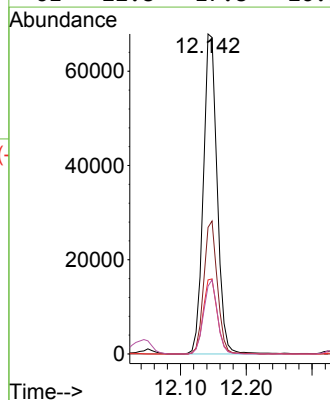
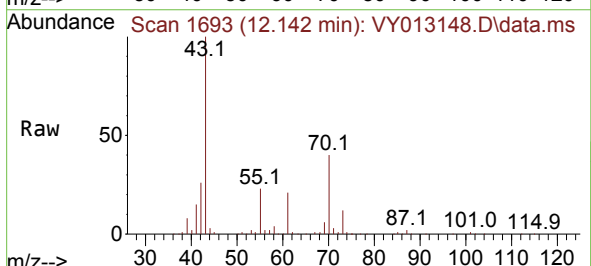
Ion Ratio Lower Upper

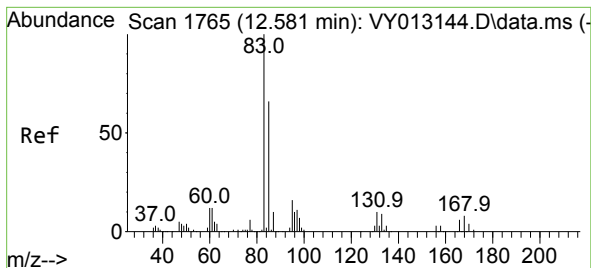
43 100

70 40.7 31.6 47.4

55 24.2 18.8 28.2

61 22.8 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 51.023 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY013148.D

Acq: 30 Mar 2023 13:18

Instrument :

MSVOA_Y

ClientSampleId :

ICVY033023

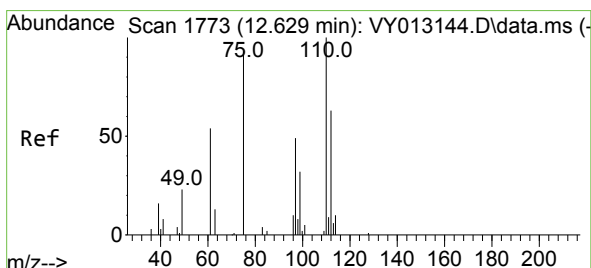
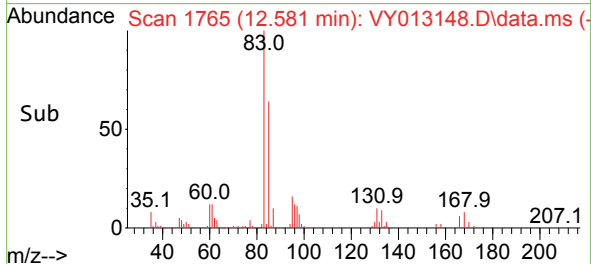
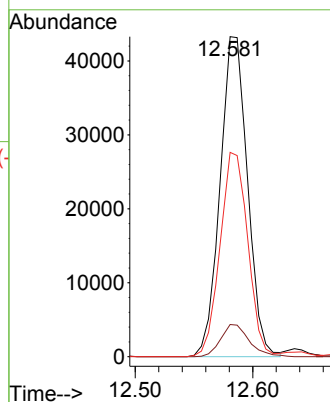
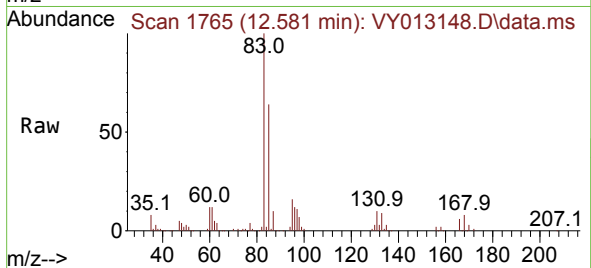
Tgt Ion: 83 Resp: 70260

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.2

85 64.6 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 86.945 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY013148.D

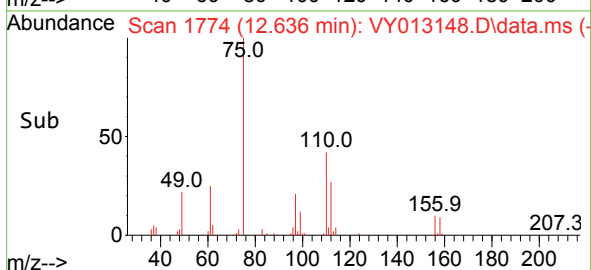
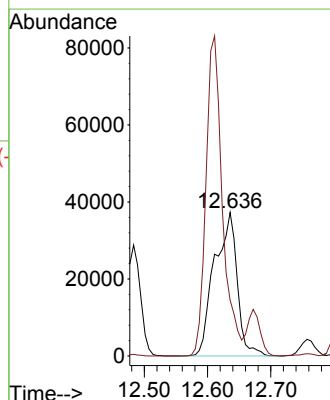
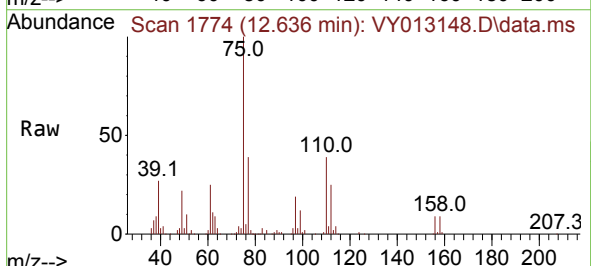
Acq: 30 Mar 2023 13:18

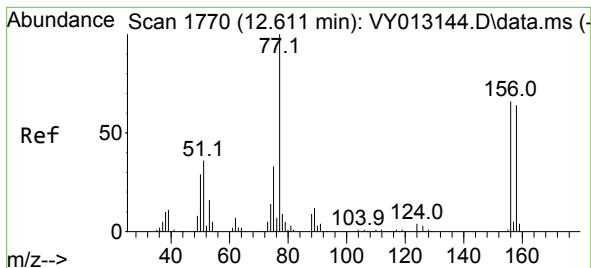
Tgt Ion: 75 Resp: 92997

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.702 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY013148.D

Acq: 30 Mar 2023 13:18

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY033023

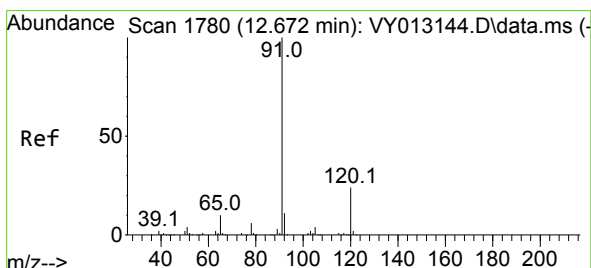
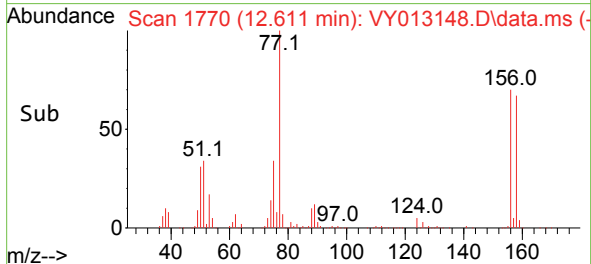
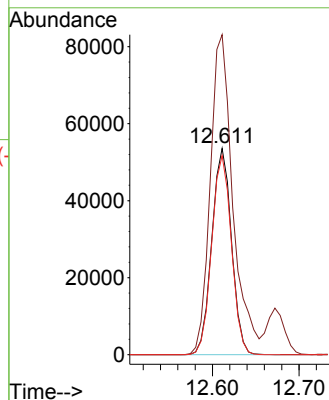
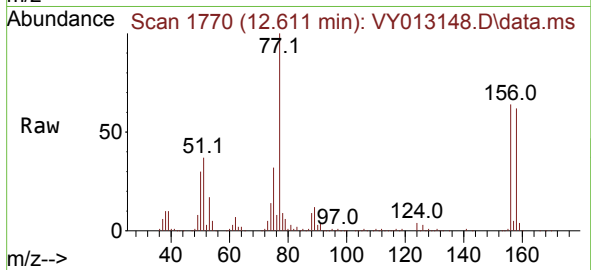
Tgt Ion:156 Resp: 84504

Ion Ratio Lower Upper

156 100

77 178.2 94.0 282.1

158 96.5 48.1 144.4



#78

n-propylbenzene

Concen: 52.440 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY013148.D

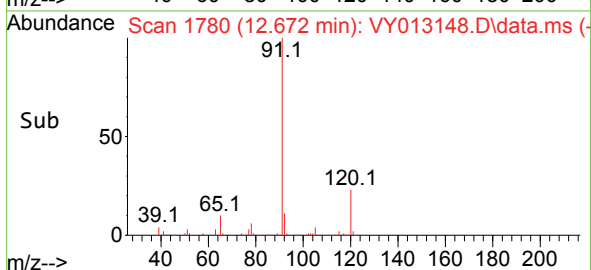
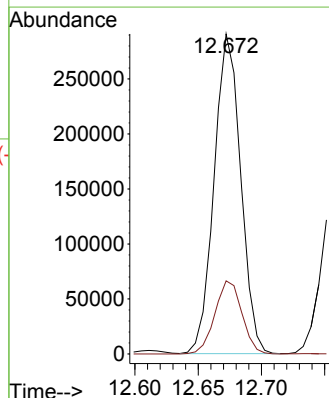
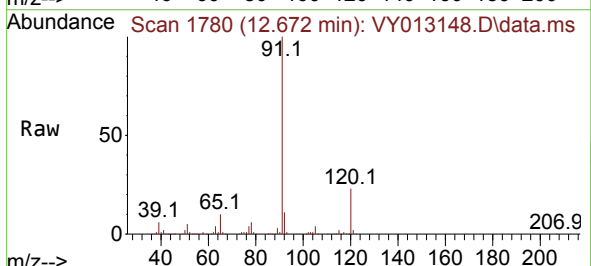
Acq: 30 Mar 2023 13:18

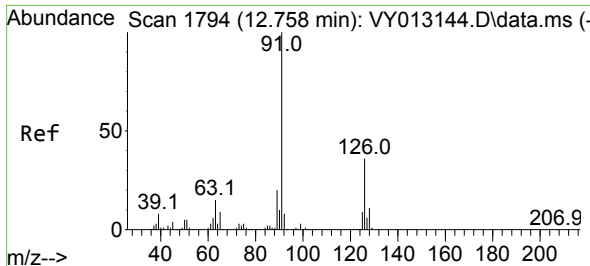
Tgt Ion: 91 Resp: 423877

Ion Ratio Lower Upper

91 100

120 23.3 11.6 34.8

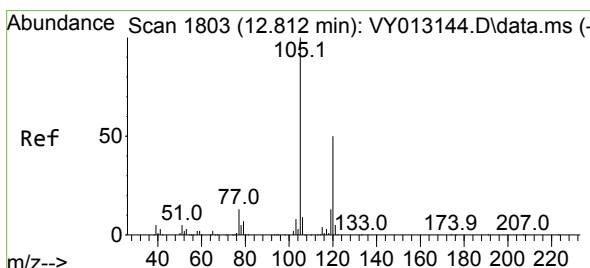
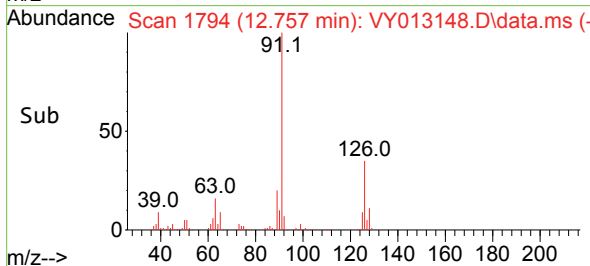
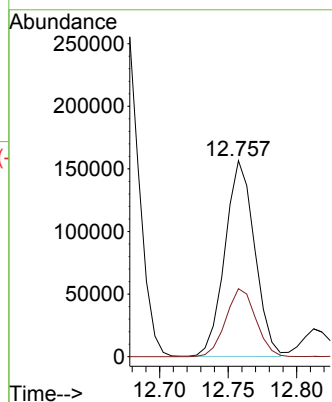
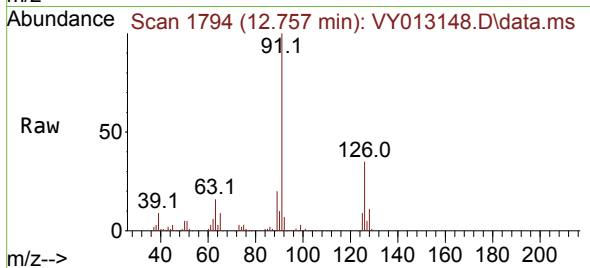




#79
2-Chlorotoluene
Concen: 51.497 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY013148.D
Acq: 30 Mar 2023 13:18

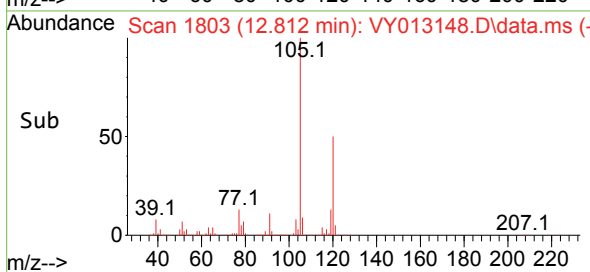
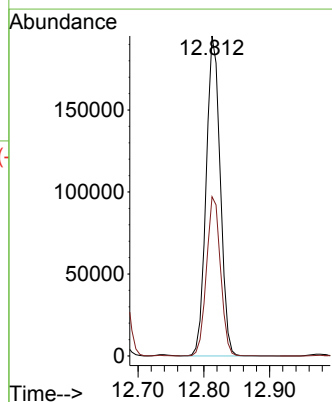
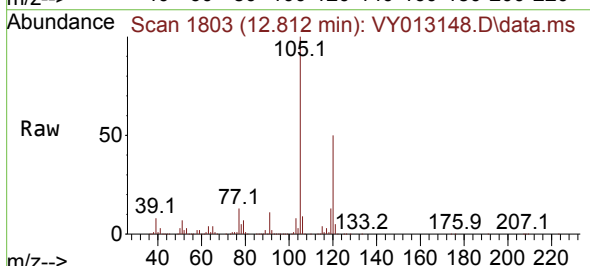
Instrument :
MSVOA_Y
ClientSampleId :
ICVY033023

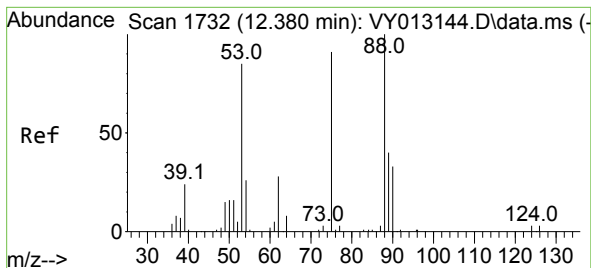
Tgt Ion: 91 Resp: 236199
Ion Ratio Lower Upper
91 100
126 35.2 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 52.867 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY013148.D
Acq: 30 Mar 2023 13:18

Tgt Ion: 105 Resp: 290570
Ion Ratio Lower Upper
105 100
120 49.7 24.8 74.4

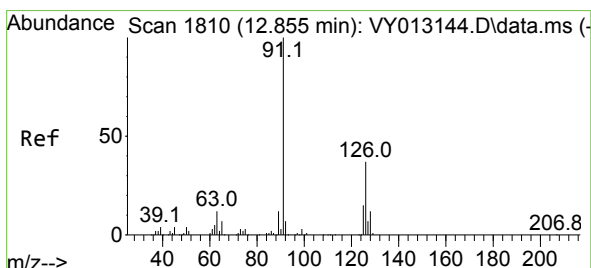
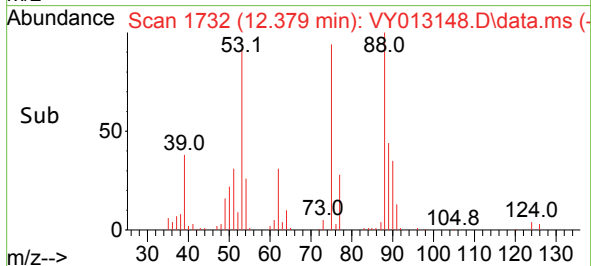
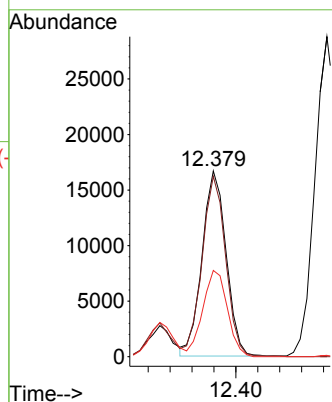
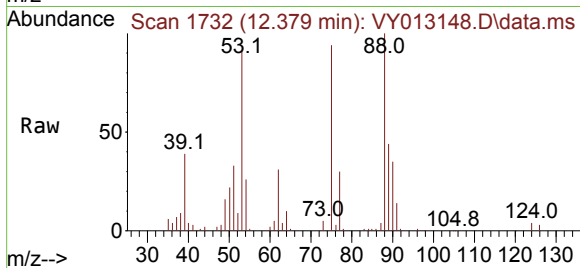




#81
trans-1,4-Dichloro-2-butene
Concen: 52.970 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY013148.D
Acq: 30 Mar 2023 13:18

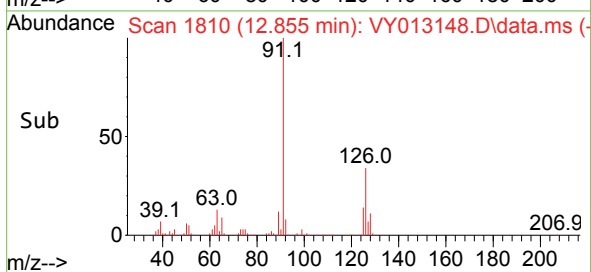
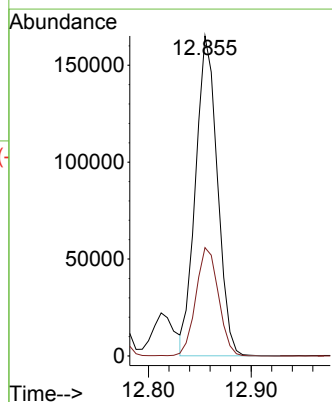
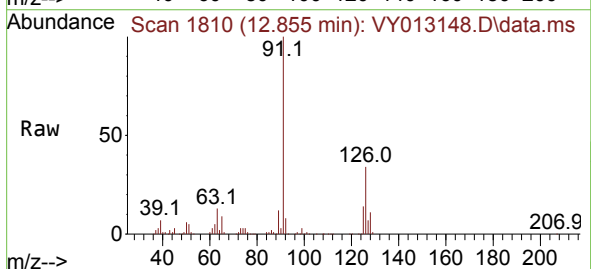
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY033023

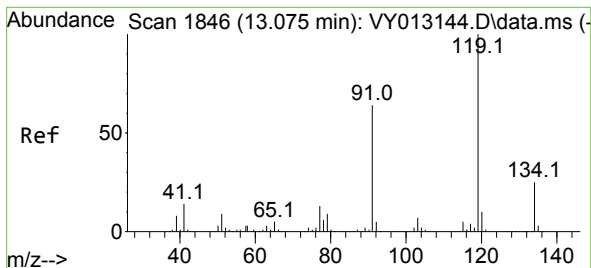
Tgt Ion: 75 Resp: 25412
Ion Ratio Lower Upper
75 100
53 96.3 73.4 110.0
89 47.4 36.6 55.0



#82
4-Chlorotoluene
Concen: 51.062 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY013148.D
Acq: 30 Mar 2023 13:18

Tgt Ion: 91 Resp: 243746
Ion Ratio Lower Upper
91 100
126 35.2 17.7 53.1





#83

tert-Butylbenzene

Concen: 52.755 ug/l

RT: 13.074 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY013148.D

Acq: 30 Mar 2023 13:18

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY033023

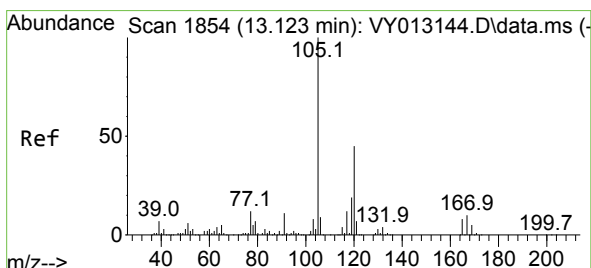
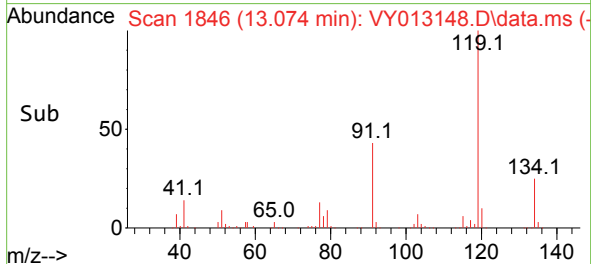
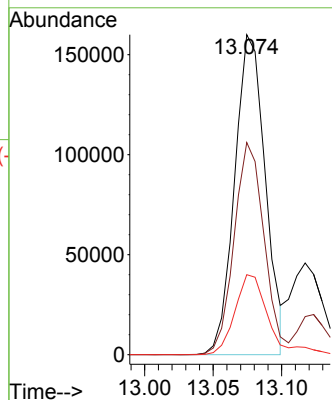
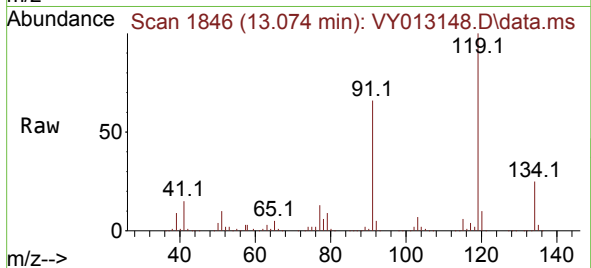
Tgt Ion:119 Resp: 249048

Ion Ratio Lower Upper

119 100

91 65.2 32.8 98.3

134 27.3 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 52.892 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.000 min

Lab File: VY013148.D

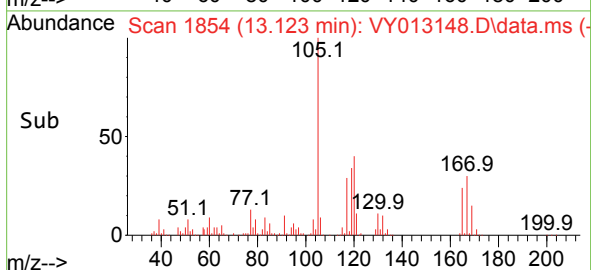
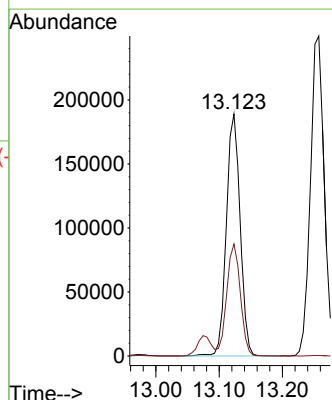
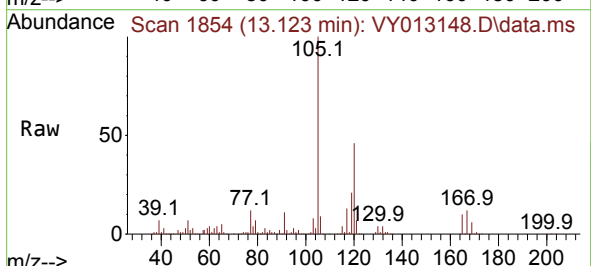
Acq: 30 Mar 2023 13:18

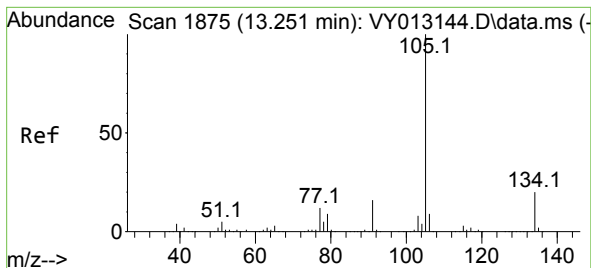
Tgt Ion:105 Resp: 284693

Ion Ratio Lower Upper

105 100

120 46.0 23.0 69.0





#85

sec-Butylbenzene

Concen: 52.716 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY013148.D

Acq: 30 Mar 2023 13:18

Instrument :

MSVOA_Y

ClientSampleId :

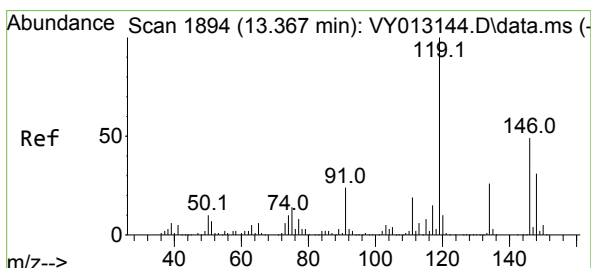
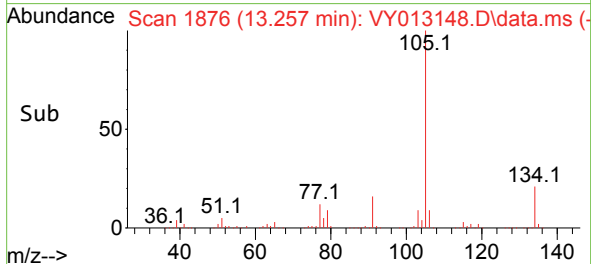
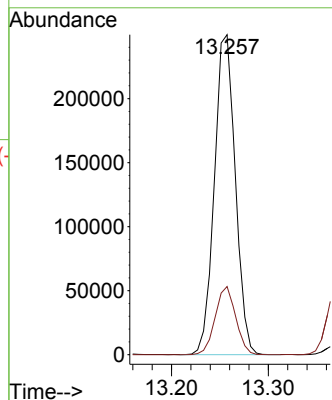
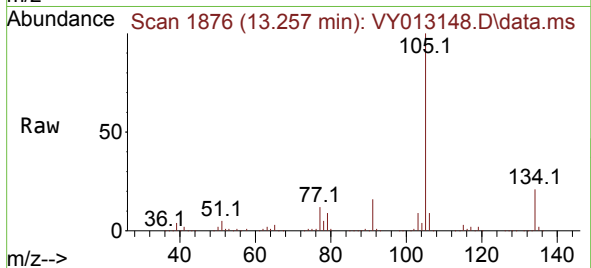
ICVY033023

Tgt Ion:105 Resp: 375763

Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.1



#86

p-Isopropyltoluene

Concen: 53.768 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY013148.D

Acq: 30 Mar 2023 13:18

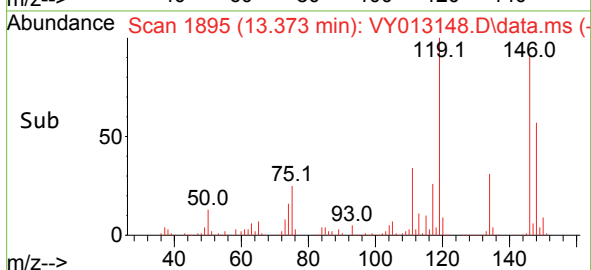
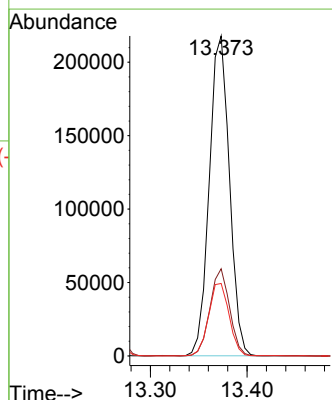
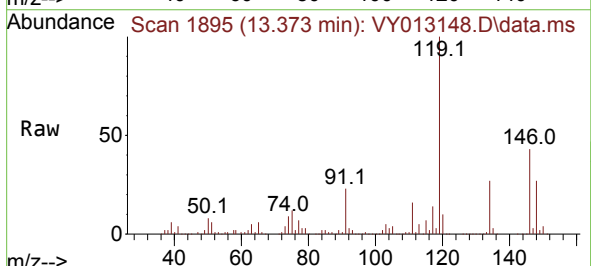
Tgt Ion:119 Resp: 315511

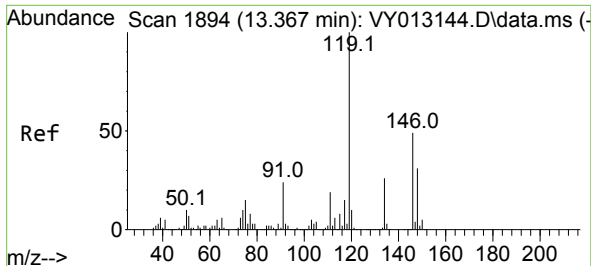
Ion Ratio Lower Upper

119 100

134 26.7 13.2 39.6

91 23.1 11.8 35.3

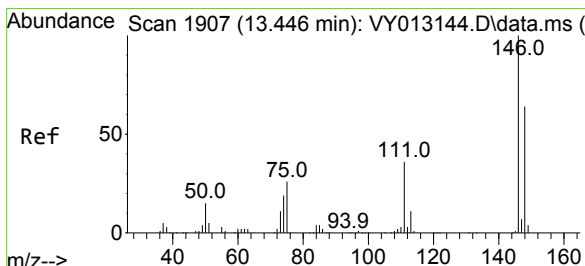
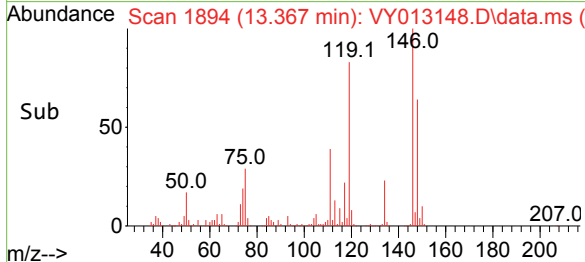
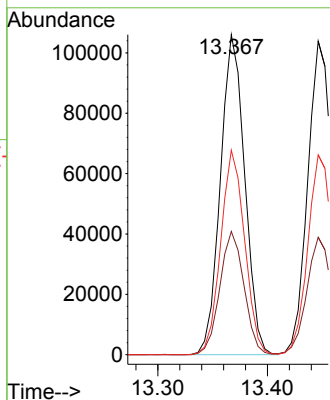
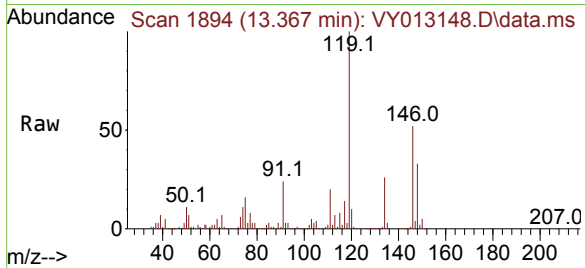




#87
1,3-Dichlorobenzene
Concen: 50.499 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY013148.D
Acq: 30 Mar 2023 13:18

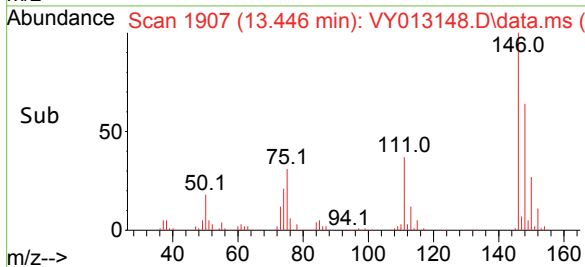
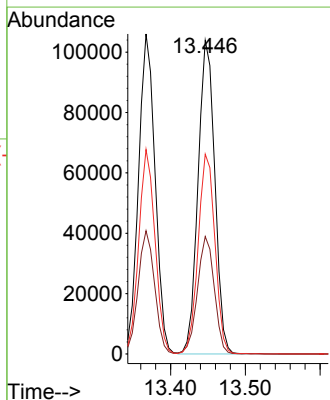
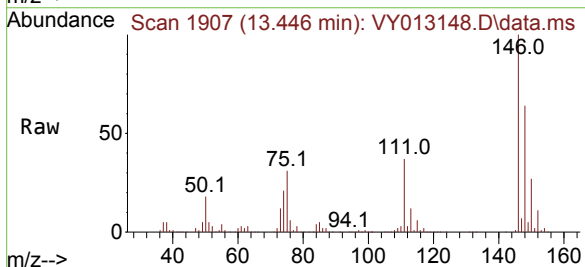
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY033023

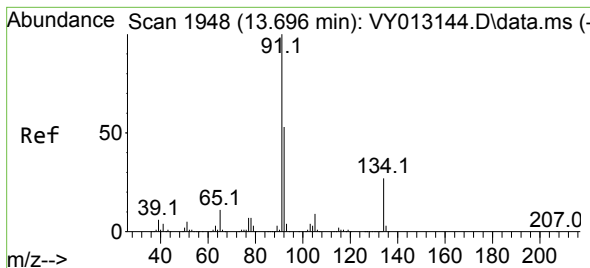
Tgt Ion:146 Resp: 163615
Ion Ratio Lower Upper
146 100
111 38.3 19.1 57.5
148 62.9 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 49.880 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY013148.D
Acq: 30 Mar 2023 13:18

Tgt Ion:146 Resp: 161942
Ion Ratio Lower Upper
146 100
111 37.5 18.6 55.8
148 63.9 31.5 94.5





#89

n-Butylbenzene

Concen: 52.910 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY013148.D

Acq: 30 Mar 2023 13:18

Instrument :

MSVOA_Y

ClientSampleId :

ICVY033023

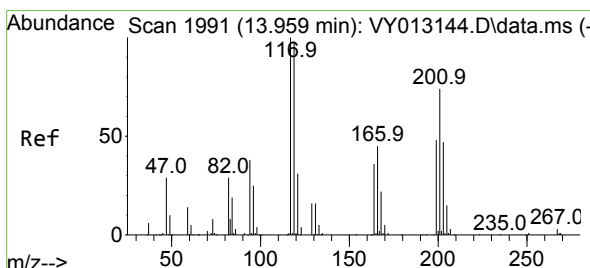
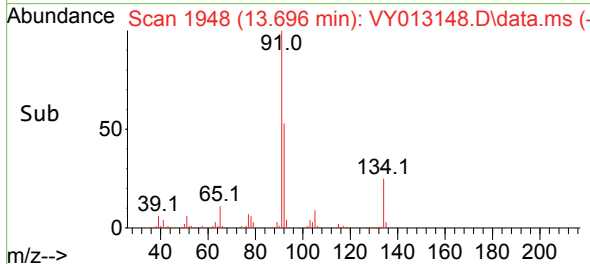
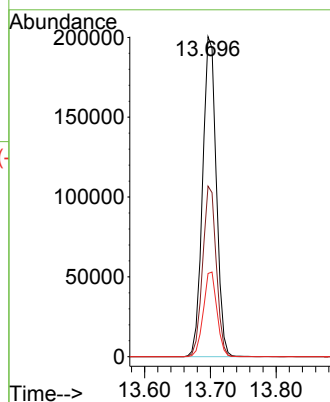
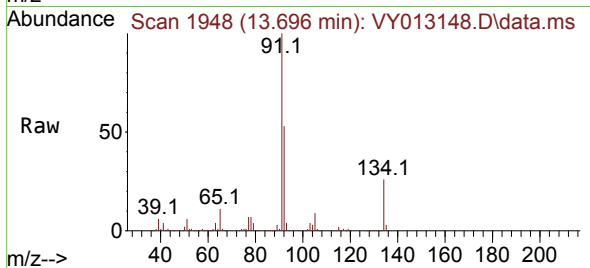
Tgt Ion: 91 Resp: 290246

Ion Ratio Lower Upper

91 100

92 53.0 26.4 79.0

134 26.3 13.0 38.9



#90

Hexachloroethane

Concen: 50.304 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY013148.D

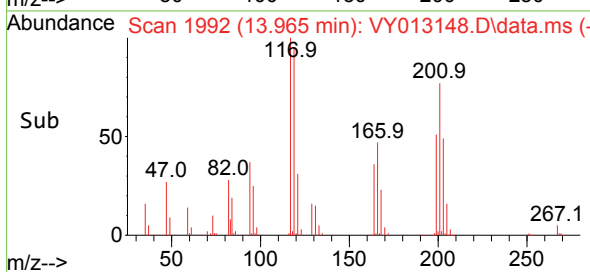
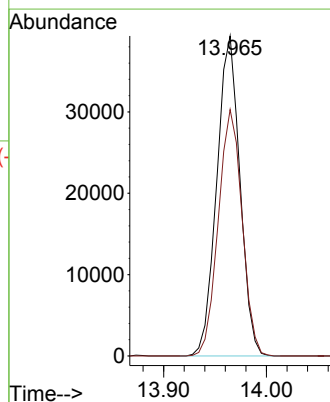
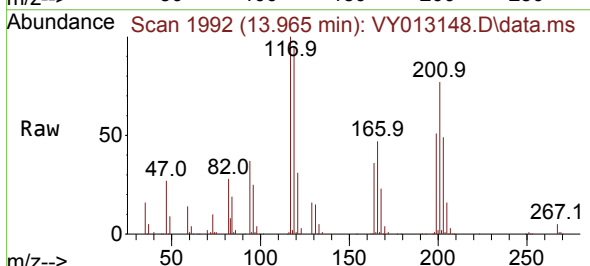
Acq: 30 Mar 2023 13:18

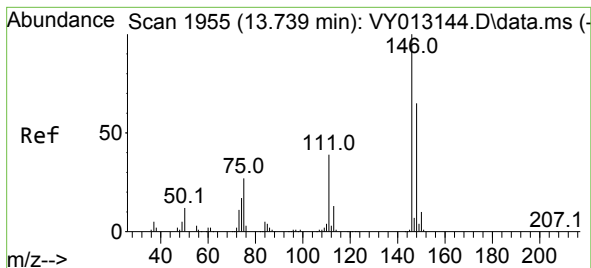
Tgt Ion: 117 Resp: 61493

Ion Ratio Lower Upper

117 100

201 78.9 39.4 118.1

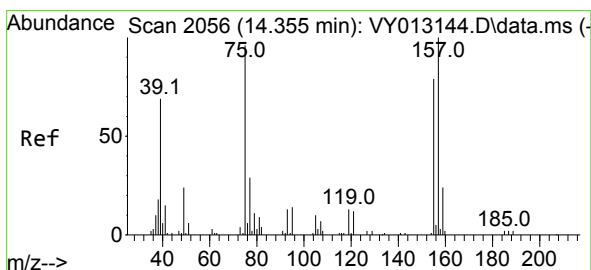
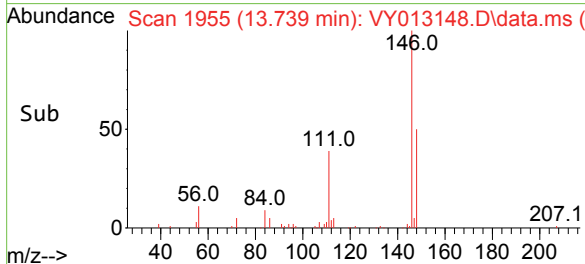
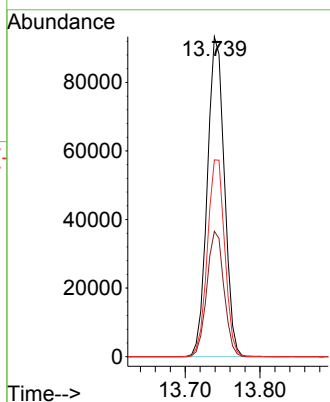
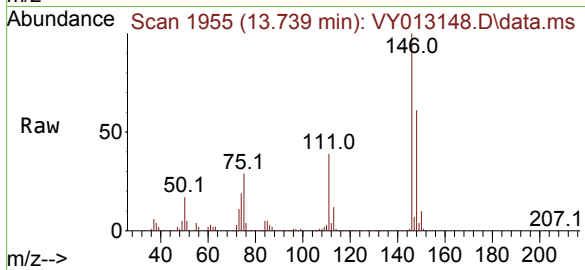




#91
1,2-Dichlorobenzene
Concen: 51.114 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY013148.D
Acq: 30 Mar 2023 13:18

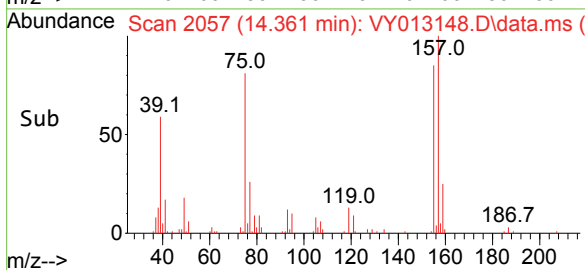
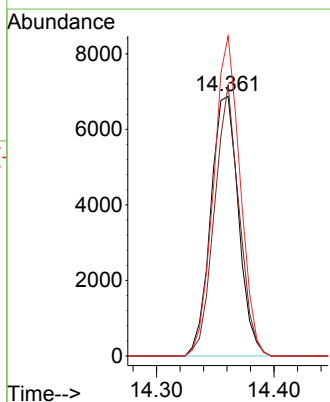
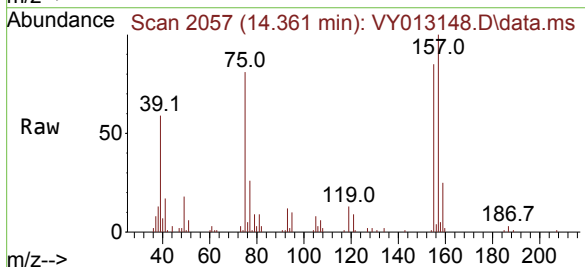
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY033023

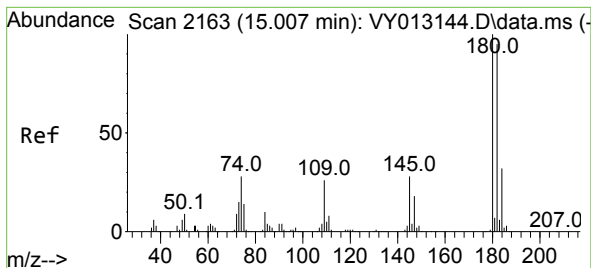
Tgt Ion:146 Resp: 147900
Ion Ratio Lower Upper
146 100
111 39.3 19.7 59.1
148 62.6 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.323 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY013148.D
Acq: 30 Mar 2023 13:18

Tgt Ion: 75 Resp: 11302
Ion Ratio Lower Upper
75 100
155 92.4 43.8 131.4
157 117.3 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 52.591 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY013148.D

Acq: 30 Mar 2023 13:18

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY033023

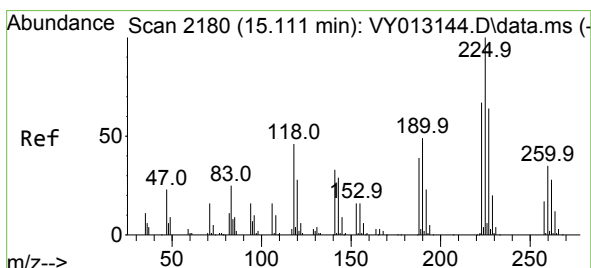
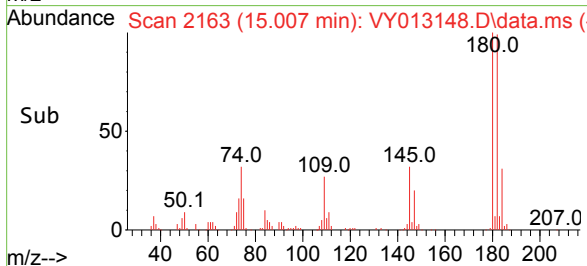
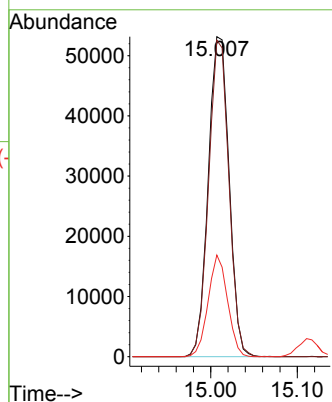
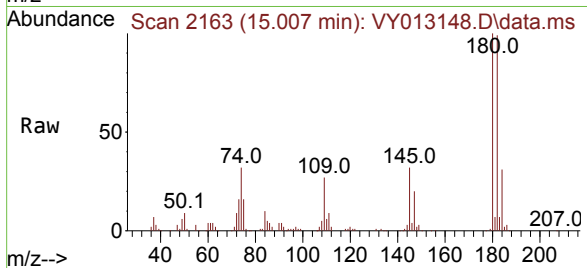
Tgt Ion:180 Resp: 88741

Ion Ratio Lower Upper

180 100

182 96.3 46.7 140.1

145 29.6 14.6 43.8



#94

Hexachlorobutadiene

Concen: 51.588 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013148.D

Acq: 30 Mar 2023 13:18

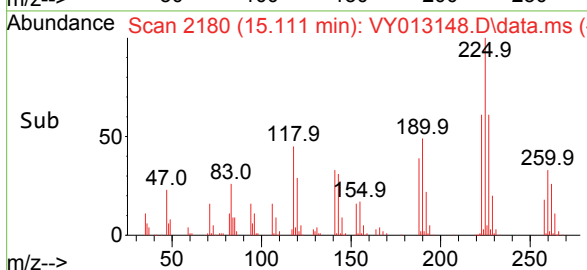
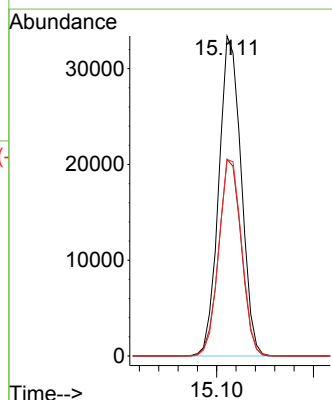
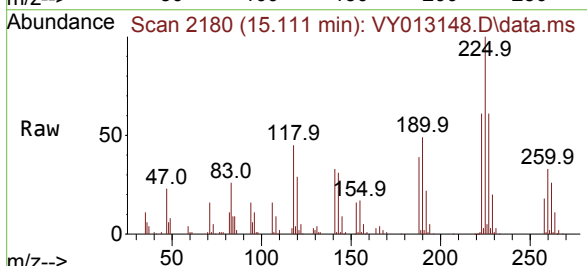
Tgt Ion:225 Resp: 53536

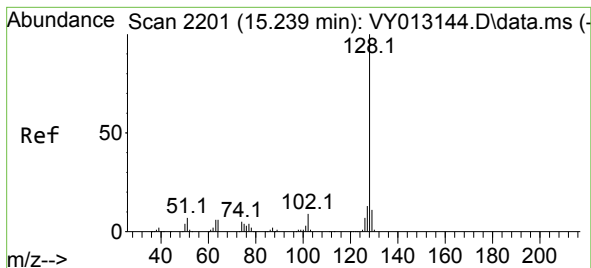
Ion Ratio Lower Upper

225 100

223 62.0 31.1 93.3

227 62.7 32.4 97.0





#95

Naphthalene

Concen: 49.392 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY013148.D

Acq: 30 Mar 2023 13:18

Instrument :

MSVOA_Y

ClientSampleId :

ICVY033023

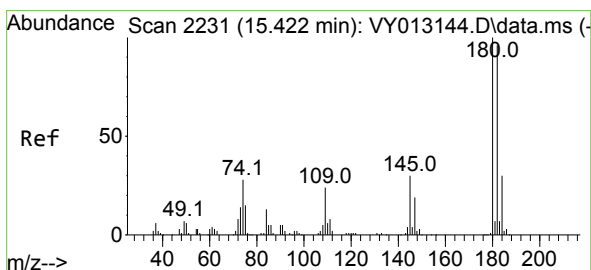
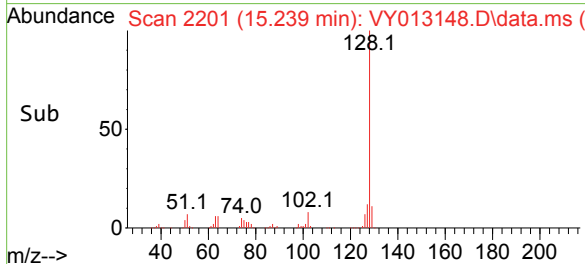
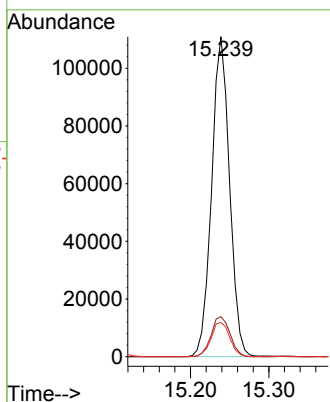
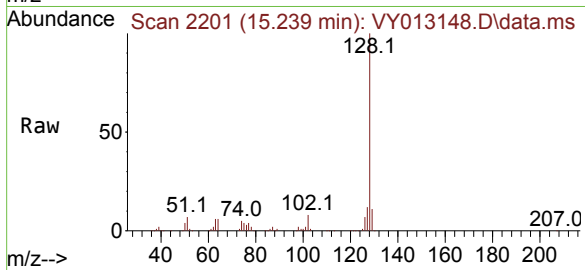
Tgt Ion:128 Resp: 176384

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 52.718 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY013148.D

Acq: 30 Mar 2023 13:18

Tgt Ion:180 Resp: 78374

Ion Ratio Lower Upper

180 100

182 94.9 47.4 142.3

145 31.8 15.3 45.8

