

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083123\
 Data File : VY015403.D
 Acq On : 31 Aug 2023 15:37
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Sep 01 00:47:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	158115	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	255039	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	241121	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	127197	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	83974	49.543	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.080%
35) Dibromofluoromethane	7.710	113	73619	50.116	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.240%
50) Toluene-d8	10.173	98	261314	49.122	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.240%
62) 4-Bromofluorobenzene	12.477	95	99160	50.211	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.420%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	67016	48.759	ug/l	98
3) Chloromethane	2.113	50	91100	49.909	ug/l	98
4) Vinyl Chloride	2.247	62	102867	48.417	ug/l	95
5) Bromomethane	2.631	94	80478	53.235	ug/l	100
6) Chloroethane	2.784	64	69131	49.503	ug/l	94
7) Trichlorofluoromethane	3.113	101	145917	48.554	ug/l	99
8) Diethyl Ether	3.521	74	52548	51.164	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.893	101	81269	48.790	ug/l	95
10) Methyl Iodide	4.076	142	89048	45.524	ug/l	97
11) Tert butyl alcohol	4.948	59	128726	363.124	ug/l #	89
12) 1,1-Dichloroethene	3.863	96	75799	48.225	ug/l	92
13) Acrolein	3.723	56	154958	325.393	ug/l	100
14) Allyl chloride	4.466	41	127601	50.989	ug/l	96
15) Acrylonitrile	5.149	53	182367	282.180	ug/l	99
16) Acetone	3.942	43	222530	314.542	ug/l	92
17) Carbon Disulfide	4.186	76	229534	48.848	ug/l	98
18) Methyl Acetate	4.466	43	139803	54.558	ug/l	93
19) Methyl tert-butyl Ether	5.210	73	260317	50.958	ug/l	100
20) Methylene Chloride	4.704	84	115697	51.229	ug/l	95
21) trans-1,2-Dichloroethene	5.210	96	88500	48.897	ug/l	94
22) Diisopropyl ether	6.112	45	274046	50.071	ug/l	93
23) Vinyl Acetate	6.051	43	930775	269.348	ug/l	97
24) 1,1-Dichloroethane	6.003	63	154186	48.733	ug/l	96
25) 2-Butanone	6.978	43	304815	303.773	ug/l	98
26) 2,2-Dichloropropane	6.972	77	145674	54.209	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	101630	49.497	ug/l	97
28) Bromochloromethane	7.326	49	53173	54.804	ug/l	97
29) Tetrahydrofuran	7.338	42	182368	289.414	ug/l	94
30) Chloroform	7.496	83	212836	63.992	ug/l	97
31) Cyclohexane	7.777	56	141034	46.842	ug/l	90
32) 1,1,1-Trichloroethane	7.691	97	144931	48.785	ug/l	99
36) 1,1-Dichloropropene	7.911	75	127165	49.301	ug/l	99
37) Ethyl Acetate	7.063	43	114329	57.471	ug/l	96
38) Carbon Tetrachloride	7.893	117	132216	49.631	ug/l	99
39) Methylcyclohexane	9.179	83	159925	49.249	ug/l	94
40) Benzene	8.155	78	356772	49.577	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	157298	168.617	ug/l #	30
42) 1,2-Dichloroethane	8.228	62	118345	49.317	ug/l	94
43) Isopropyl Acetate	8.264	43	187918	54.628	ug/l	98
44) Trichloroethene	8.935	130	101722	49.959	ug/l	95
45) 1,2-Dichloropropane	9.209	63	91558	50.470	ug/l	97
46) Dibromomethane	9.301	93	61747	51.240	ug/l	96
47) Bromodichloromethane	9.490	83	155584	60.373	ug/l	99
48) Methyl methacrylate	9.289	41	86700	54.932	ug/l	92
49) 1,4-Dioxane	9.289	88	26355	1177.445	ug/l #	50
51) 4-Methyl-2-Pentanone	10.063	43	576339	288.257	ug/l	94
52) Toluene	10.240	92	231296	50.146	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	143539	52.411	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	153691	51.588	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	85241	52.498	ug/l	96
56) Ethyl methacrylate	10.508	69	128783	53.523	ug/l	92
57) 1,3-Dichloropropane	10.788	76	145963	52.223	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	227818	265.264	ug/l	96
59) 2-Hexanone	10.831	43	446613	297.694	ug/l	92
60) Dibromochloromethane	10.983	129	111448	58.643	ug/l	99
61) 1,2-Dibromoethane	11.087	107	87148	52.969	ug/l	99
64) Tetrachloroethene	10.715	164	108355	49.510	ug/l	98
65) Chlorobenzene	11.514	112	250883	48.285	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	94009	49.432	ug/l	99
67) Ethyl Benzene	11.587	91	451437	48.386	ug/l	99
68) m/p-Xylenes	11.697	106	354649	98.067	ug/l	95
69) o-Xylene	12.026	106	167644	48.506	ug/l	99
70) Styrene	12.038	104	292590	50.349	ug/l	96
71) Bromoform	12.203	173	70834	53.395	ug/l #	98
73) Isopropylbenzene	12.325	105	449389	47.036	ug/l	100
74) N-amyl acetate	12.142	43	168957	52.637	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	113717	49.859	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	156784	92.949	ug/l #	100
77) Bromobenzene	12.605	156	106789	47.192	ug/l	95
78) n-propylbenzene	12.666	91	551438	47.699	ug/l	100
79) 2-Chlorotoluene	12.758	91	304309	46.930	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	377190	47.199	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	40871	53.450	ug/l	94
82) 4-Chlorotoluene	12.855	91	317345	47.090	ug/l	99
83) tert-Butylbenzene	13.075	119	327642	46.809	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	380684	47.978	ug/l	99
85) sec-Butylbenzene	13.251	105	498390	47.738	ug/l	100
86) p-Isopropyltoluene	13.367	119	418061	47.779	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	211568	47.359	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	211743	46.889	ug/l	99
89) n-Butylbenzene	13.696	91	399826	48.549	ug/l	97
90) Hexachloroethane	13.959	117	76331	48.776	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	193923	47.567	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	24066	53.341	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	125831	49.147	ug/l	99
94) Hexachlorobutadiene	15.111	225	66491	47.626	ug/l	98
95) Naphthalene	15.233	128	332109	52.365	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	115408	49.418	ug/l	99

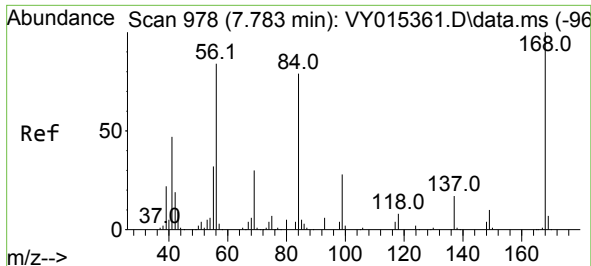
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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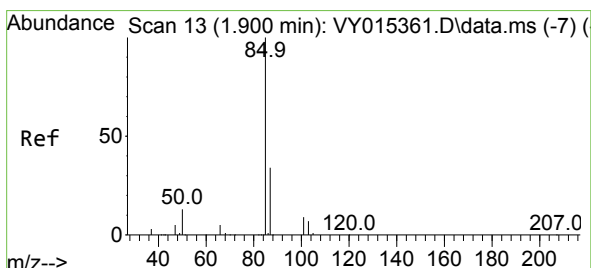
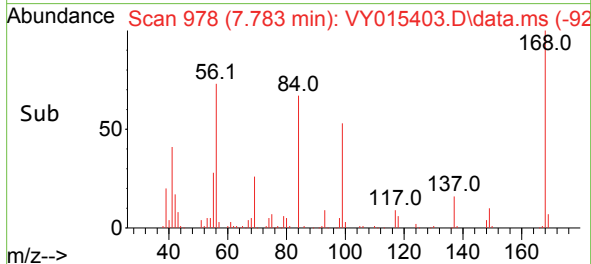
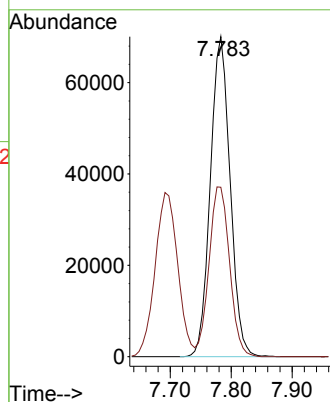
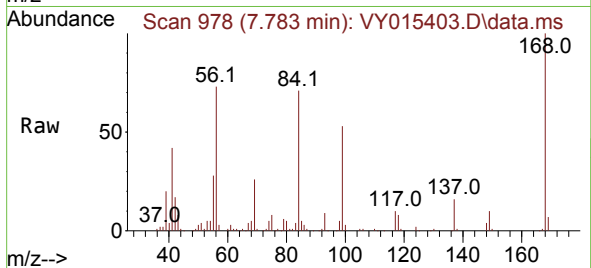
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
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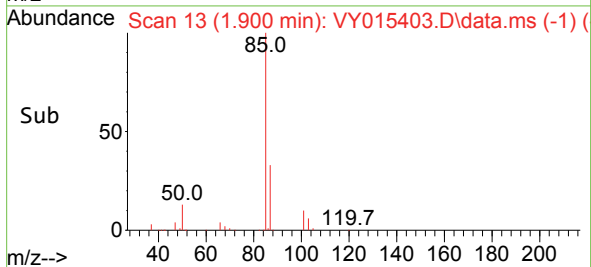
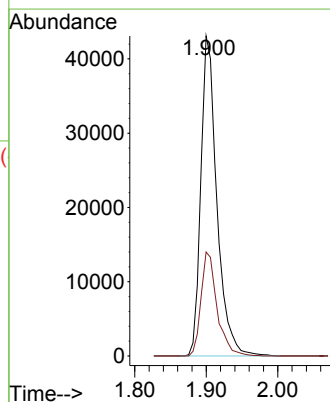
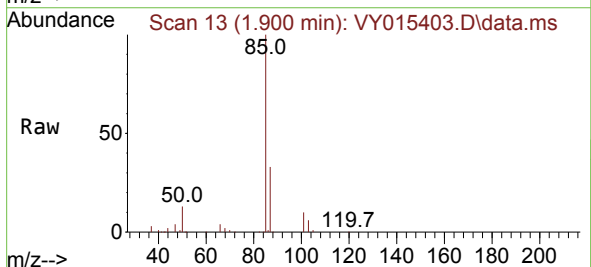
Instrument :
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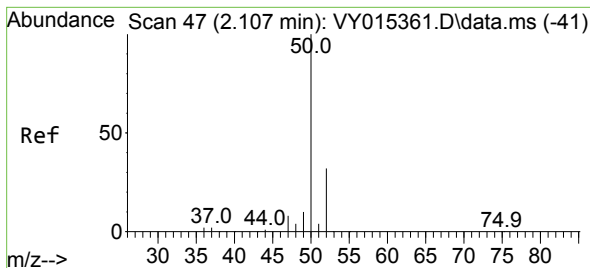
Tgt Ion:168 Resp: 158115
Ion Ratio Lower Upper
168 100
99 52.9 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 48.759 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY015403.D
Acq: 31 Aug 2023 15:37

Tgt Ion: 85 Resp: 67016
Ion Ratio Lower Upper
85 100
87 32.5 15.6 46.8





#3

Chloromethane

Concen: 49.909 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY015403.D

Acq: 31 Aug 2023 15:37

Instrument :

MSVOA_Y

ClientSampleId :

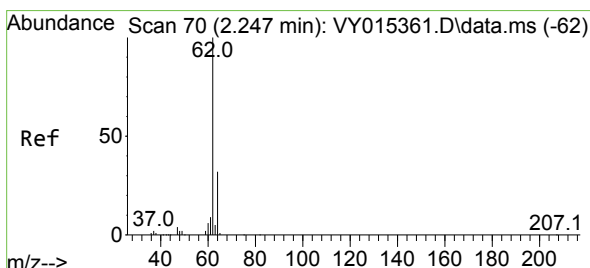
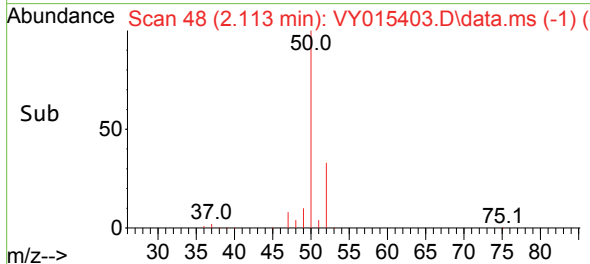
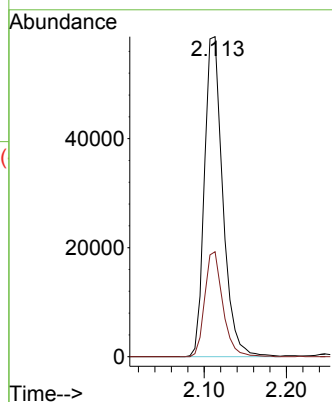
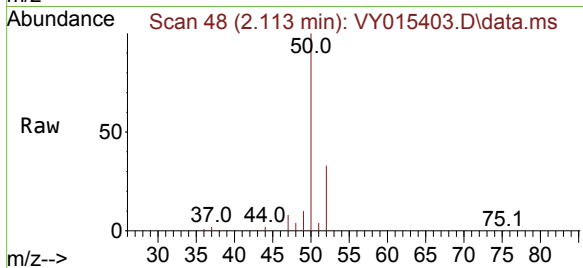
VSTDCCC050EC

Tgt Ion: 50 Resp: 91100

Ion Ratio Lower Upper

50 100

52 32.8 25.4 38.2



#4

Vinyl Chloride

Concen: 48.417 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.006 min

Lab File: VY015403.D

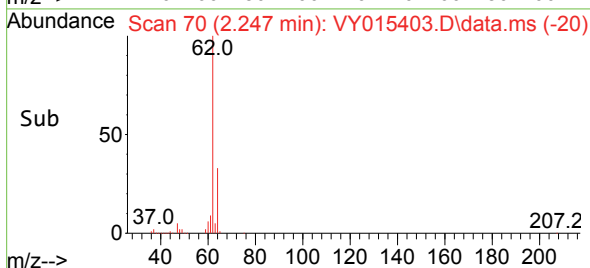
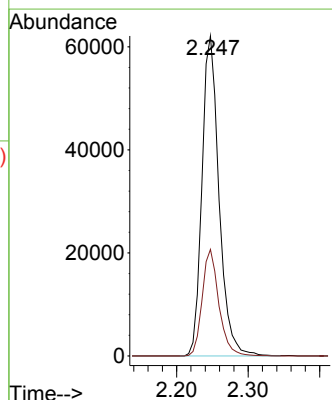
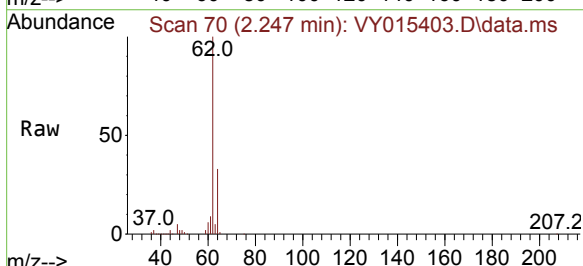
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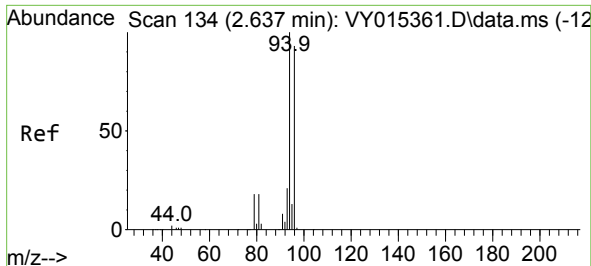
Tgt Ion: 62 Resp: 102867

Ion Ratio Lower Upper

62 100

64 33.3 24.3 36.5

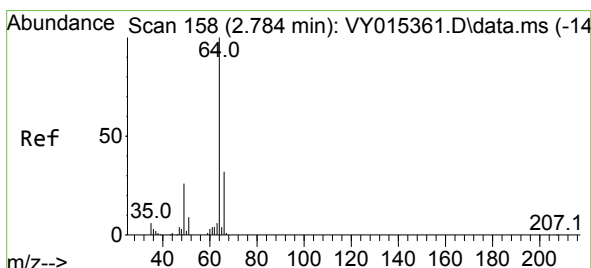
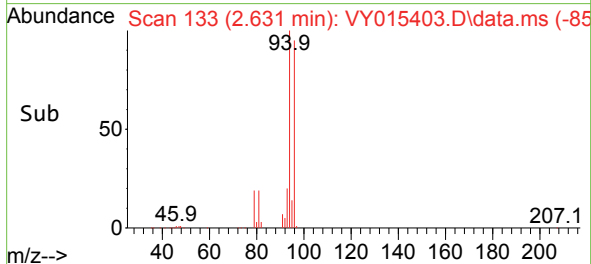
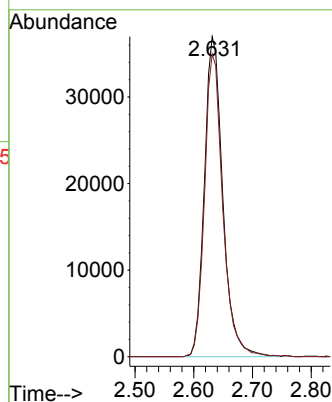
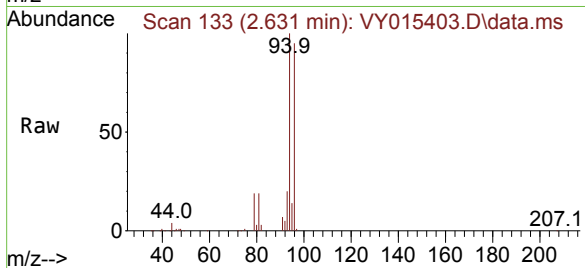




#5
Bromomethane
Concen: 53.235 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015403.D
Acq: 31 Aug 2023 15:37

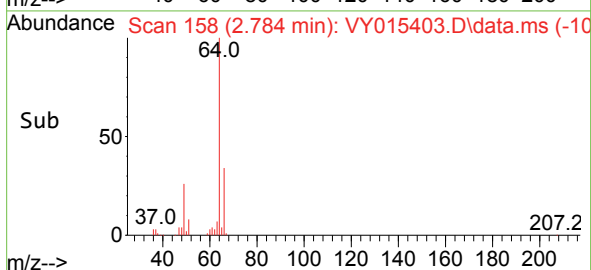
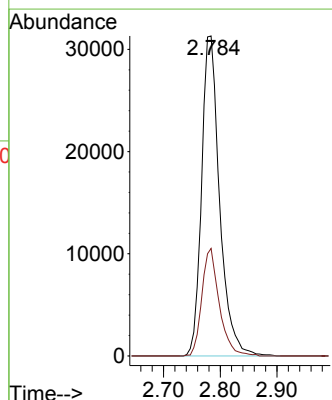
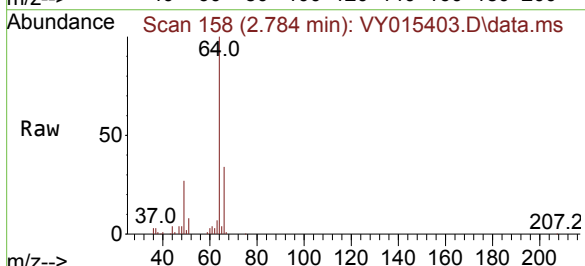
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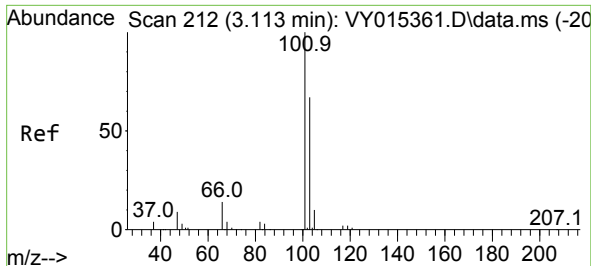
Tgt Ion: 94 Resp: 80478
Ion Ratio Lower Upper
94 100
96 94.6 75.8 113.6



#6
Chloroethane
Concen: 49.503 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.000 min
Lab File: VY015403.D
Acq: 31 Aug 2023 15:37

Tgt Ion: 64 Resp: 69131
Ion Ratio Lower Upper
64 100
66 33.6 24.4 36.6

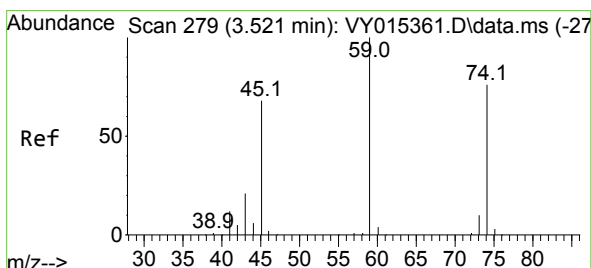
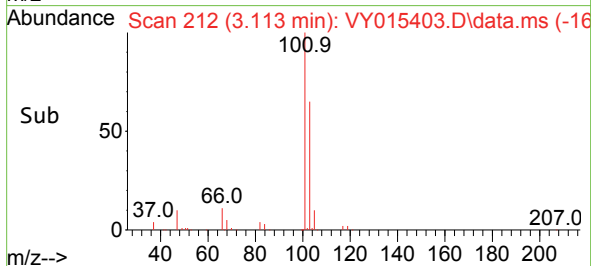
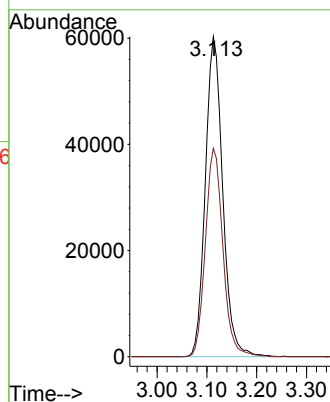
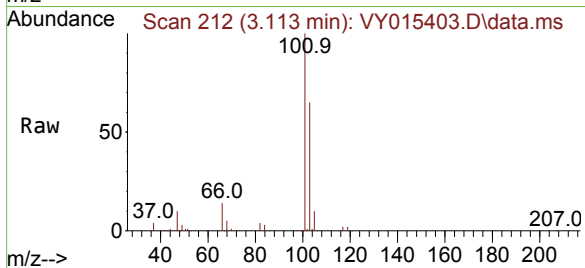




#7
 Trichlorofluoromethane
 Concen: 48.554 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VY015403.D
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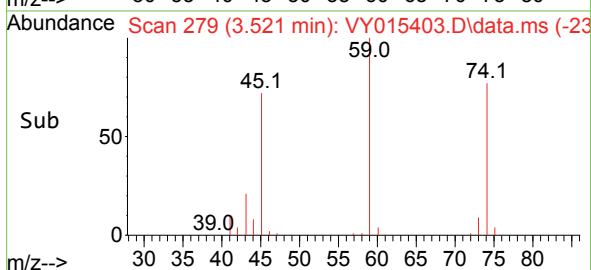
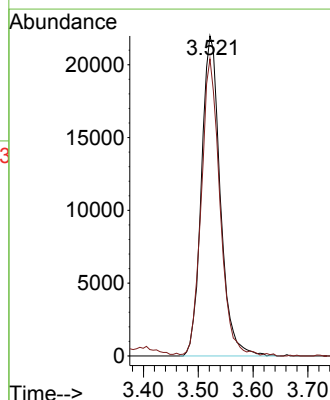
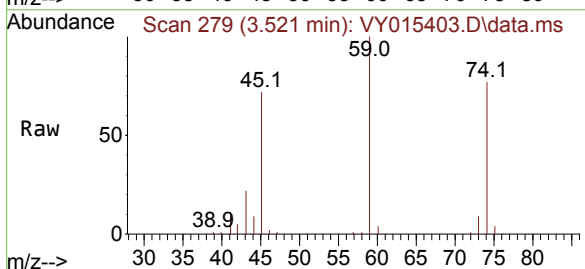
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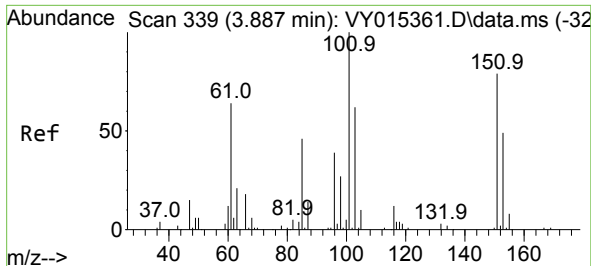
Tgt Ion:101 Resp: 145917
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.4 77.0



#8
 Diethyl Ether
 Concen: 51.164 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VY015403.D
 Acq: 31 Aug 2023 15:37

Tgt Ion: 74 Resp: 52548
 Ion Ratio Lower Upper
 74 100
 45 90.8 51.5 154.5

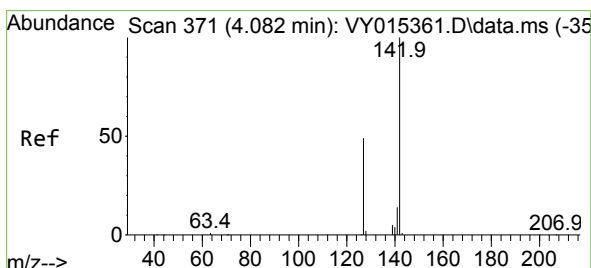
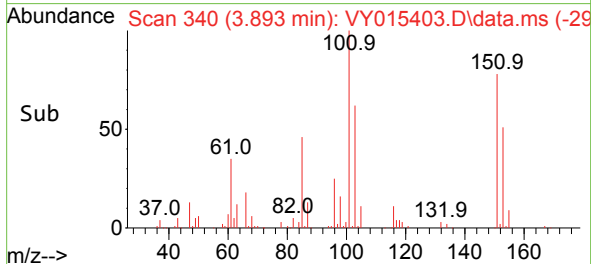
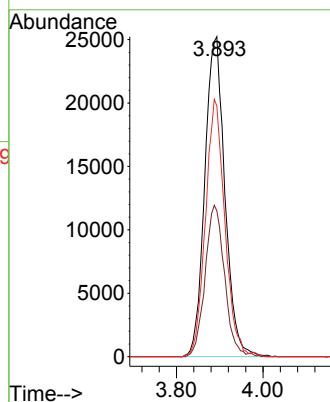
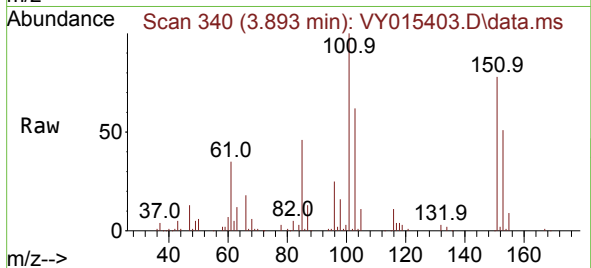




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.790 ug/l
RT: 3.893 min Scan# 34
Delta R.T. -0.000 min
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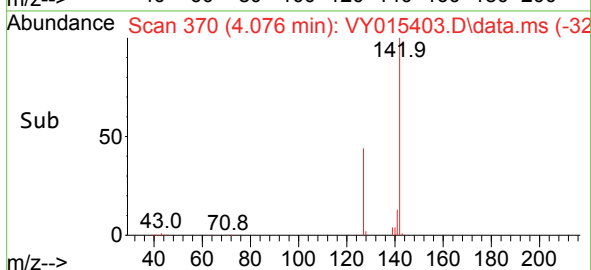
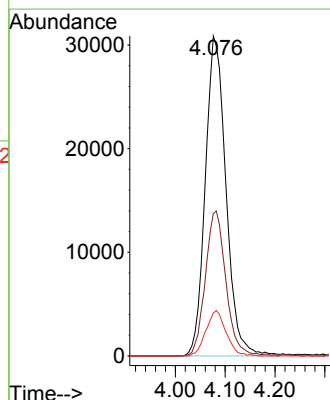
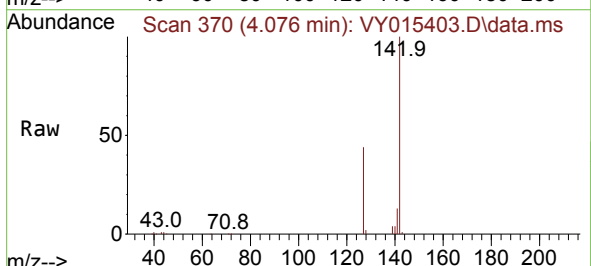
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ClientSampleId :
VSTDCCC050EC

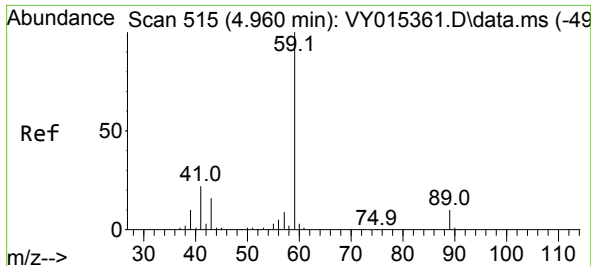
Tgt Ion:101 Resp: 81269
Ion Ratio Lower Upper
101 100
85 45.9 36.6 55.0
151 77.4 67.0 100.6



#10
Methyl Iodide
Concen: 45.524 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY015403.D
Acq: 31 Aug 2023 15:37

Tgt Ion:142 Resp: 89048
Ion Ratio Lower Upper
142 100
127 45.1 37.6 56.4
141 13.8 11.8 17.8





#11

Tert butyl alcohol

Concen: 363.124 ug/l

RT: 4.948 min Scan# 515

Delta R.T. -0.006 min

Lab File: VY015403.D

Acq: 31 Aug 2023 15:37

Instrument :

MSVOA_Y

ClientSampleId :

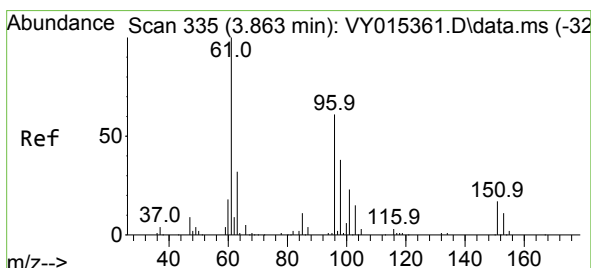
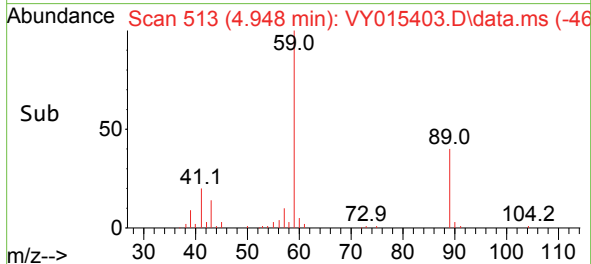
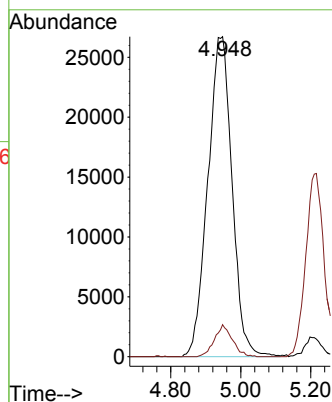
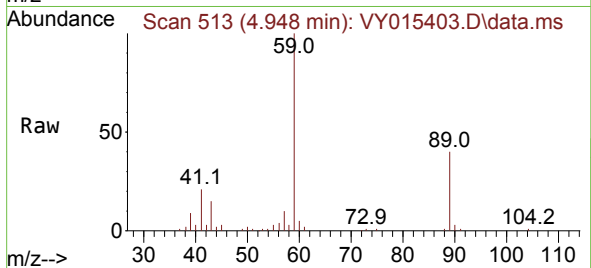
VSTDCCC050EC

Tgt Ion: 59 Resp: 128726

Ion Ratio Lower Upper

59 100

57 7.4 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 48.225 ug/l

RT: 3.863 min Scan# 335

Delta R.T. -0.000 min

Lab File: VY015403.D

Acq: 31 Aug 2023 15:37

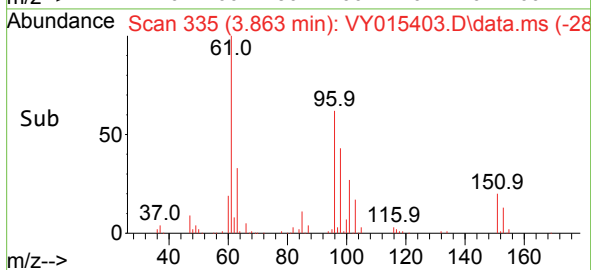
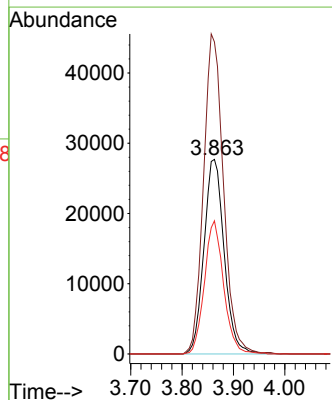
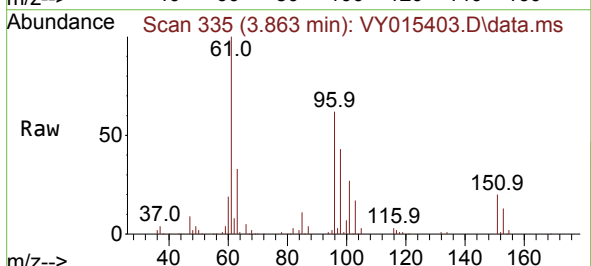
Tgt Ion: 96 Resp: 75799

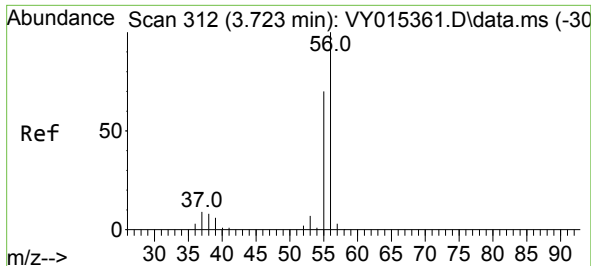
Ion Ratio Lower Upper

96 100

61 160.4 136.4 204.6

98 68.4 49.4 74.2

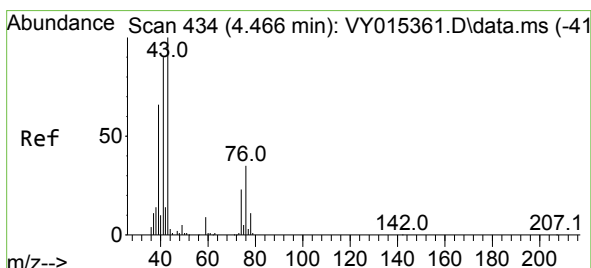
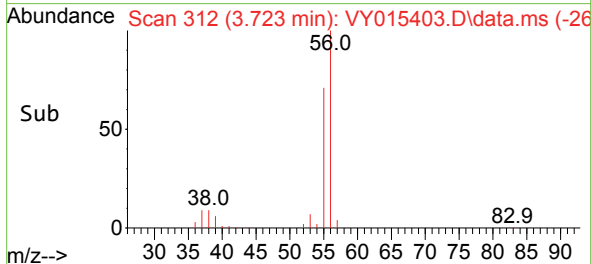
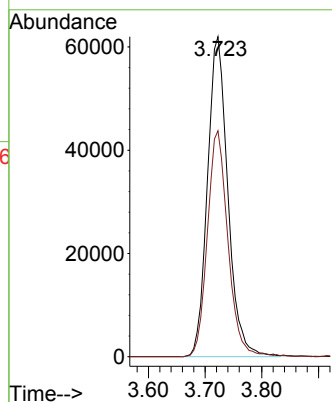
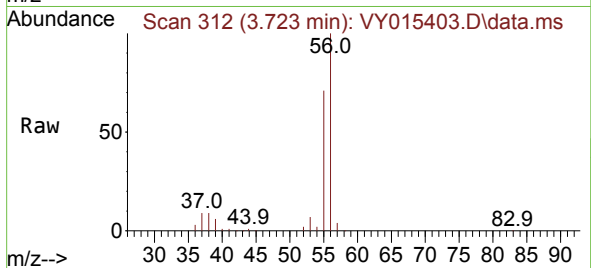




#13
Acrolein
Concen: 325.393 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY015403.D
Acq: 31 Aug 2023 15:37

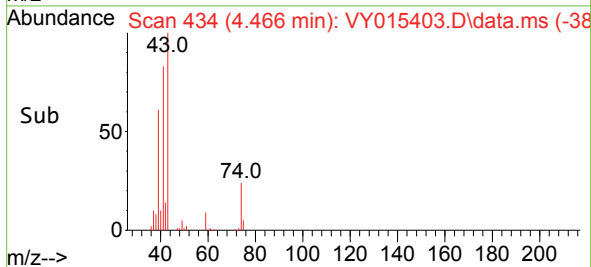
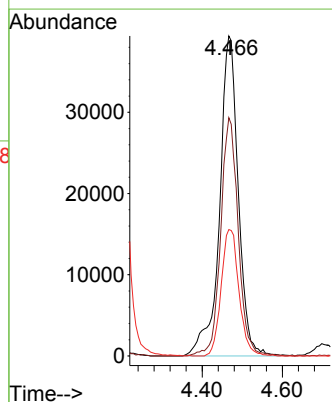
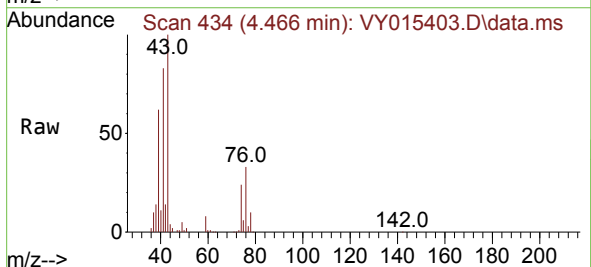
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

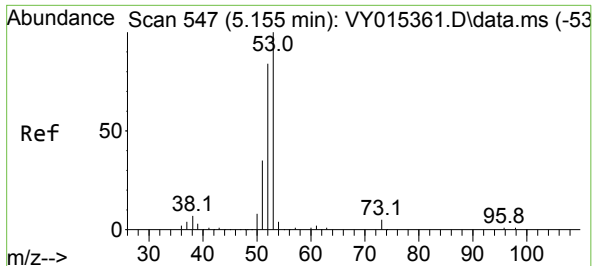
Tgt Ion: 56 Resp: 154958
Ion Ratio Lower Upper
56 100
55 71.1 57.0 85.4



#14
Allyl chloride
Concen: 50.989 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY015403.D
Acq: 31 Aug 2023 15:37

Tgt Ion: 41 Resp: 127601
Ion Ratio Lower Upper
41 100
39 69.8 58.0 87.0
76 37.6 27.4 41.2

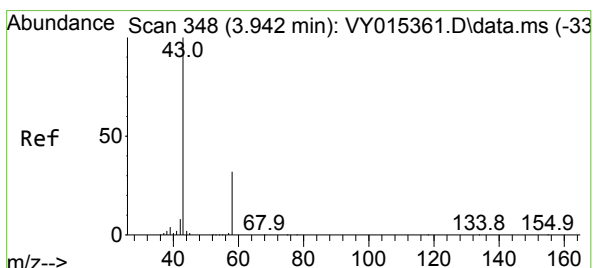
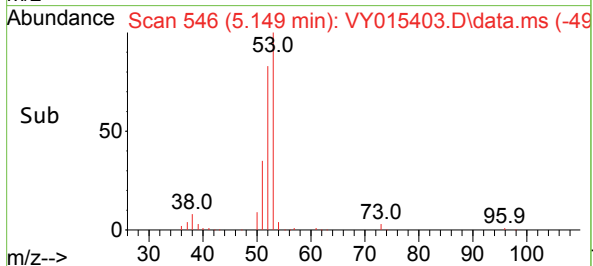
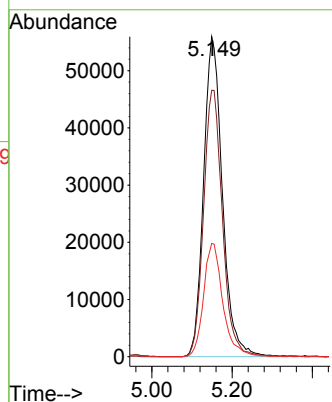
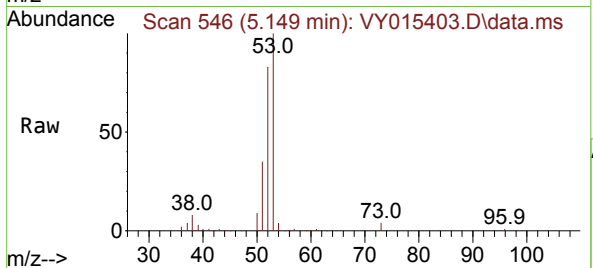




#15
Acrylonitrile
Concen: 282.180 ug/l
RT: 5.149 min Scan# 547
Delta R.T. -0.012 min
Lab File: VY015403.D
Acq: 31 Aug 2023 15:37

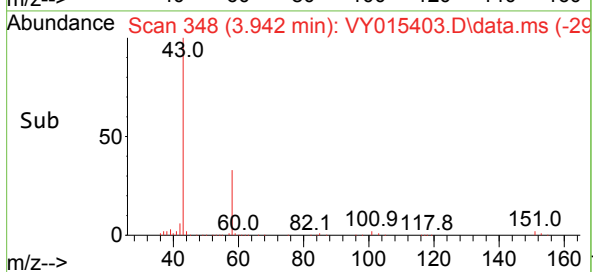
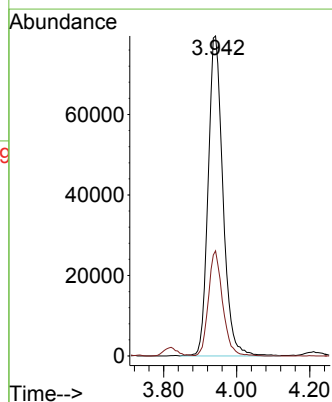
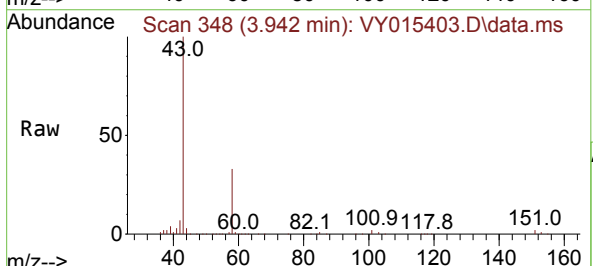
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

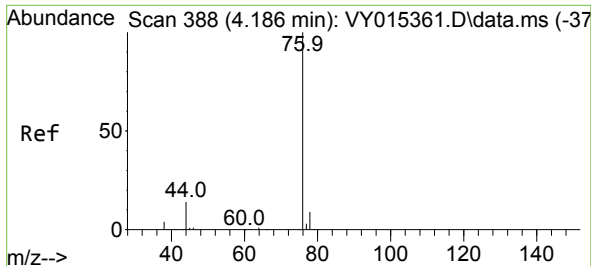
Tgt Ion:	53	Resp:	182367
Ion	Ratio	Lower	Upper
53	100		
52	83.5	66.9	100.3
51	36.3	29.8	44.6



#16
Acetone
Concen: 314.542 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015403.D
Acq: 31 Aug 2023 15:37

Tgt Ion:	43	Resp:	222530
Ion	Ratio	Lower	Upper
43	100		
58	32.9	22.7	34.1

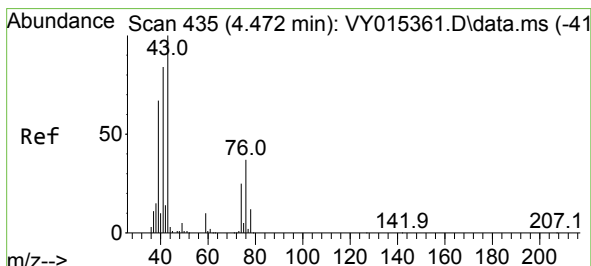
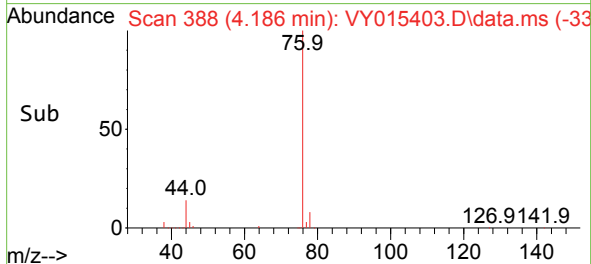
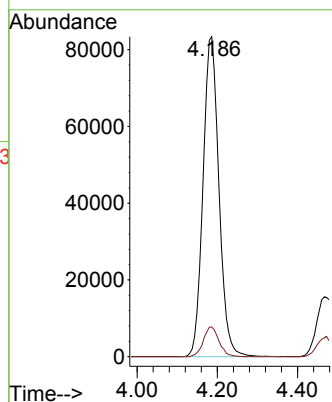
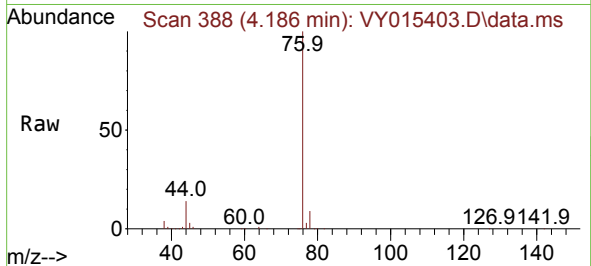




#17
Carbon Disulfide
Concen: 48.848 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY015403.D
Acq: 31 Aug 2023 15:37

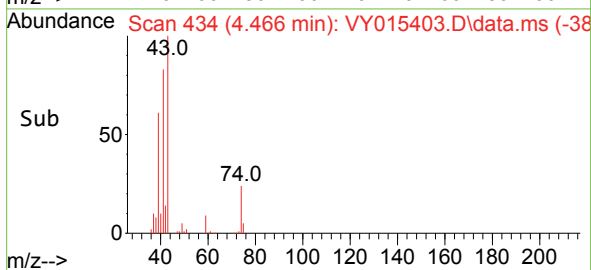
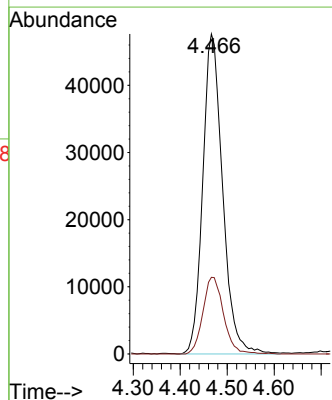
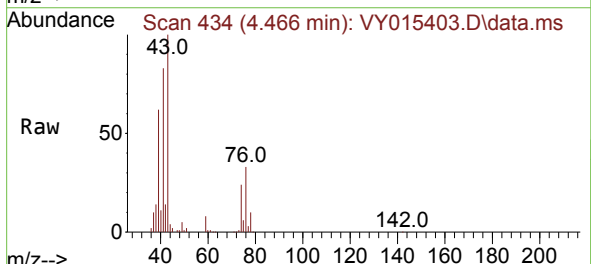
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

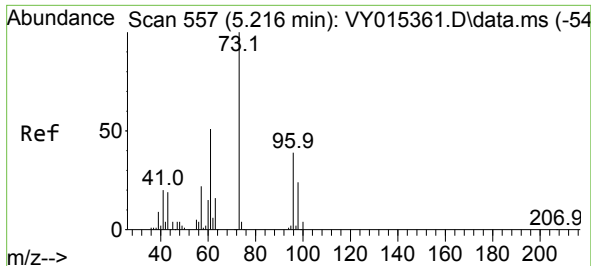
Tgt Ion: 76 Resp: 229534
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4



#18
Methyl Acetate
Concen: 54.558 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY015403.D
Acq: 31 Aug 2023 15:37

Tgt Ion: 43 Resp: 139803
Ion Ratio Lower Upper
43 100
74 24.9 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 50.958 ug/l

RT: 5.210 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY015403.D

Acq: 31 Aug 2023 15:37

Instrument :

MSVOA_Y

ClientSampleId :

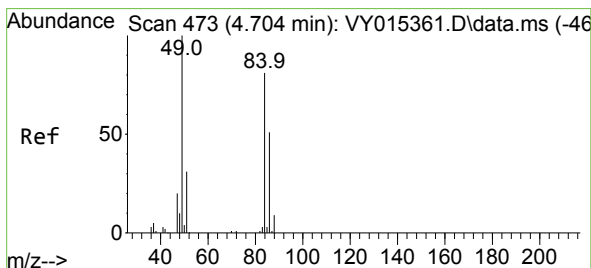
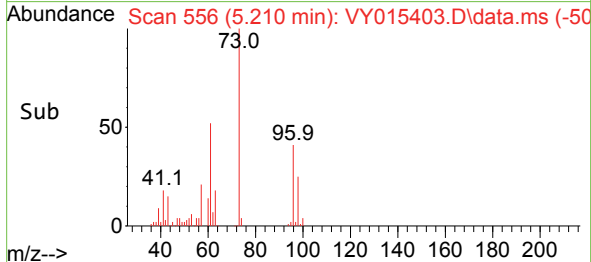
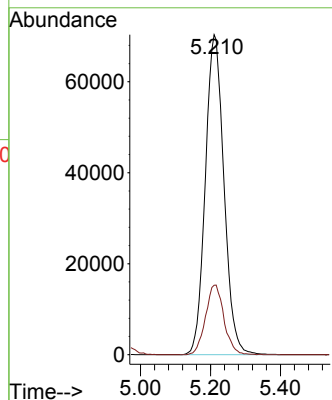
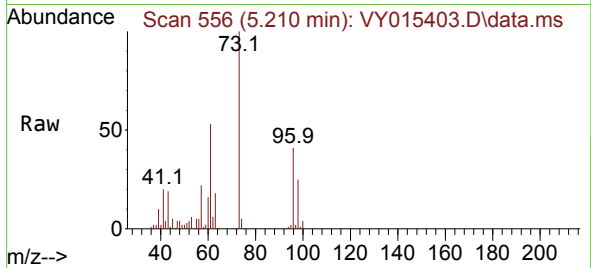
VSTDCCC050EC

Tgt Ion: 73 Resp: 260317

Ion Ratio Lower Upper

73 100

57 21.7 17.3 25.9



#20

Methylene Chloride

Concen: 51.229 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY015403.D

Acq: 31 Aug 2023 15:37

Tgt Ion: 84 Resp: 115697

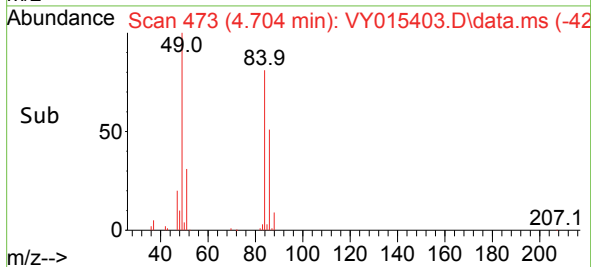
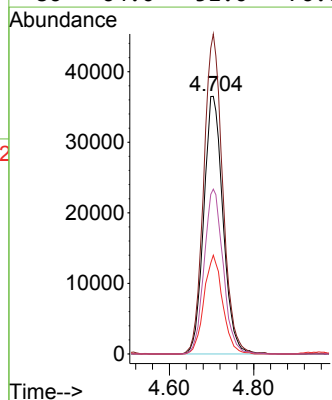
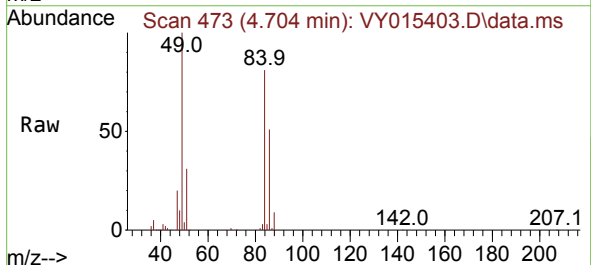
Ion Ratio Lower Upper

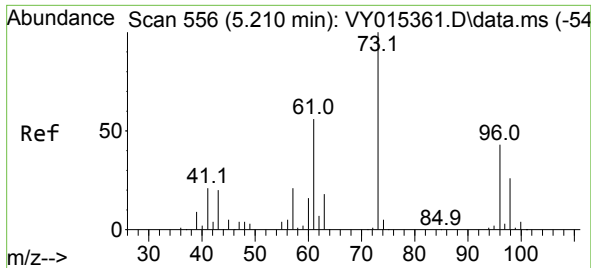
84 100

49 124.2 106.9 160.3

51 38.3 33.2 49.8

86 64.0 51.0 76.6

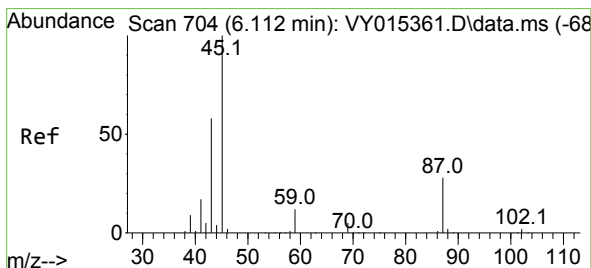
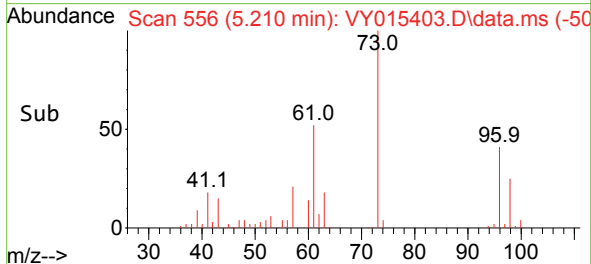
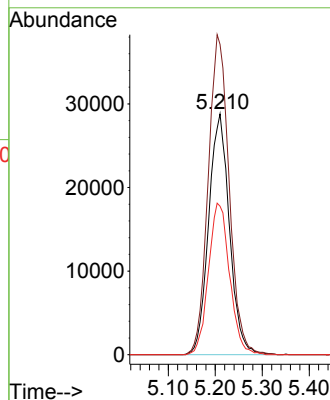
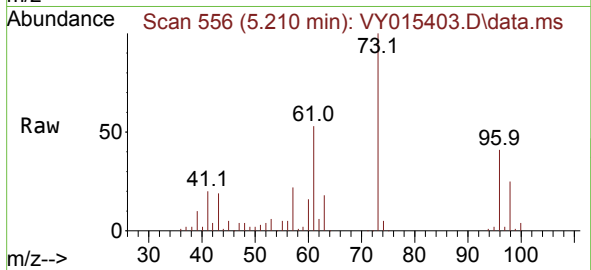




#21
trans-1,2-Dichloroethene
Concen: 48.897 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY015403.D
Acq: 31 Aug 2023 15:37

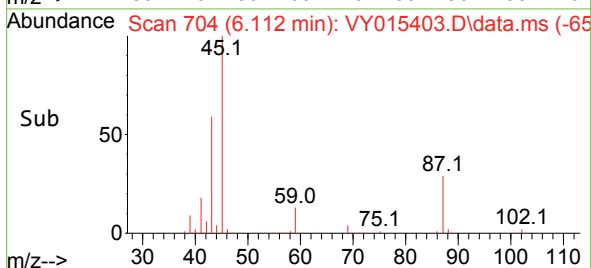
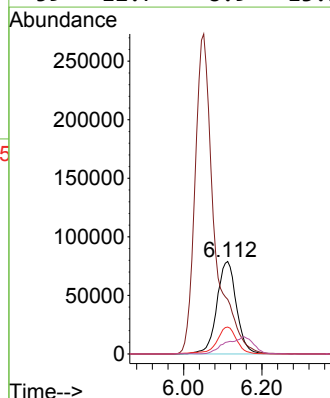
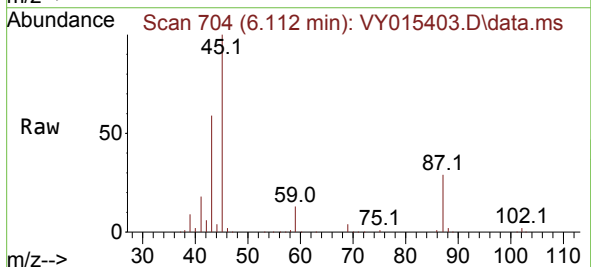
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

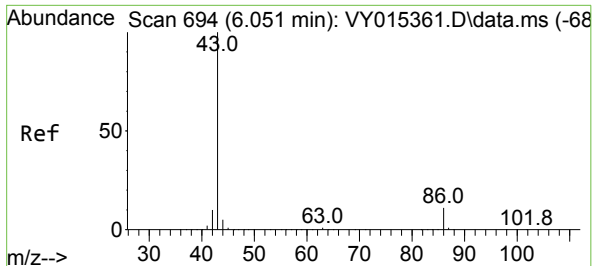
Tgt Ion: 96 Resp: 88500
Ion Ratio Lower Upper
96 100
61 128.8 110.2 165.4
98 61.7 51.8 77.6



#22
Diisopropyl ether
Concen: 50.071 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.000 min
Lab File: VY015403.D
Acq: 31 Aug 2023 15:37

Tgt Ion: 45 Resp: 274046
Ion Ratio Lower Upper
45 100
43 58.5 52.2 78.4
87 29.1 21.0 31.6
59 12.7 8.9 13.3

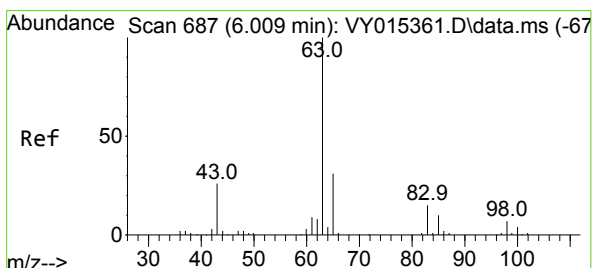
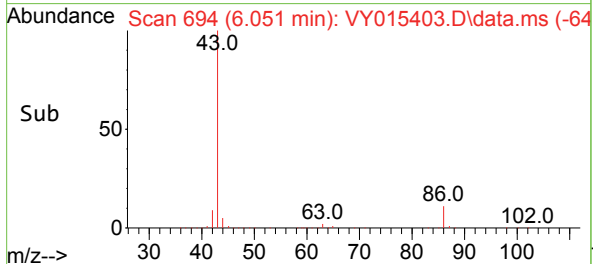
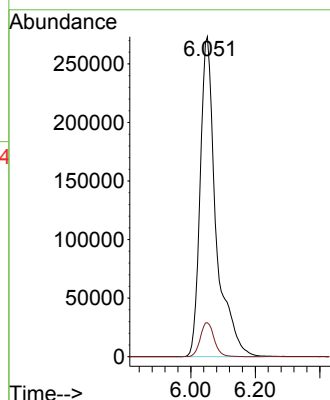
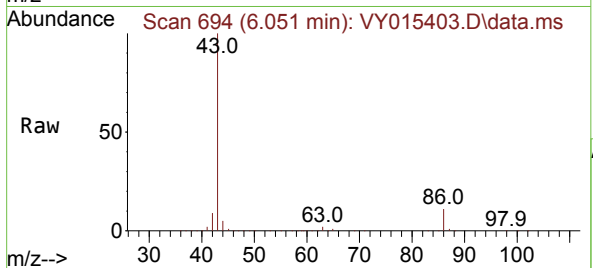




#23
 Vinyl Acetate
 Concen: 269.348 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.000 min
 Lab File: VY015403.D
 Acq: 31 Aug 2023 15:37

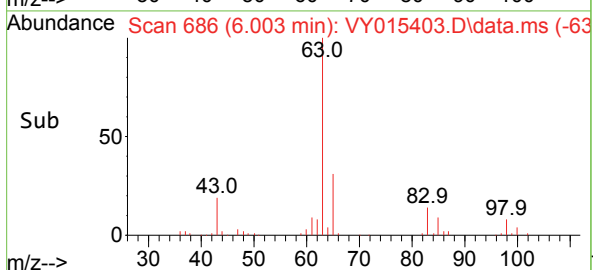
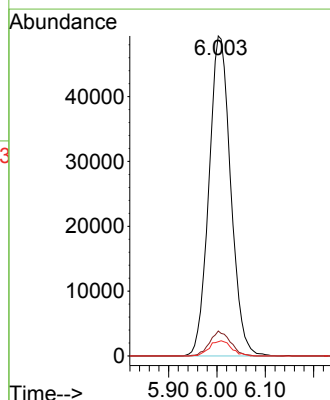
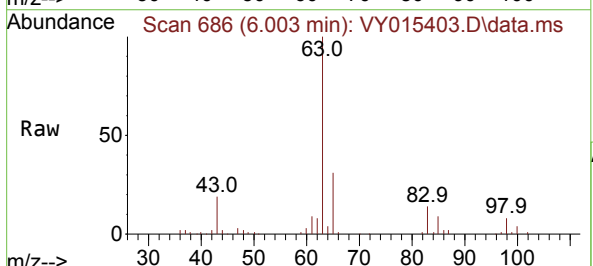
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

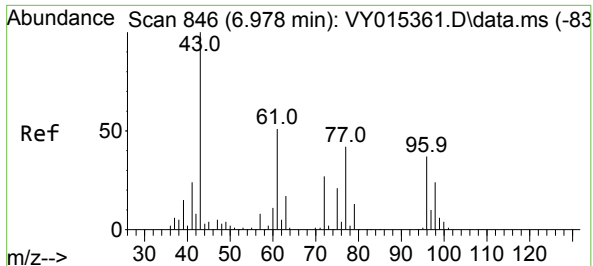
Tgt Ion: 43 Resp: 930775
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 48.733 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VY015403.D
 Acq: 31 Aug 2023 15:37

Tgt Ion: 63 Resp: 154186
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.1 9.4
 100 4.4 1.8 5.5





#25

2-Butanone

Concen: 303.773 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY015403.D

Acq: 31 Aug 2023 15:37

Instrument :

MSVOA_Y

ClientSampleId :

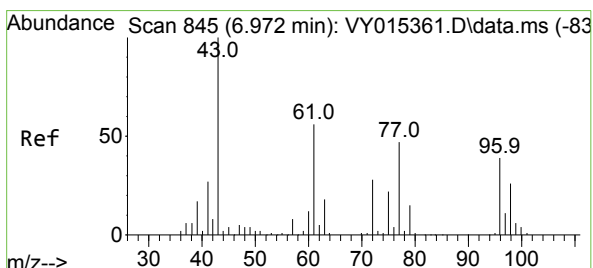
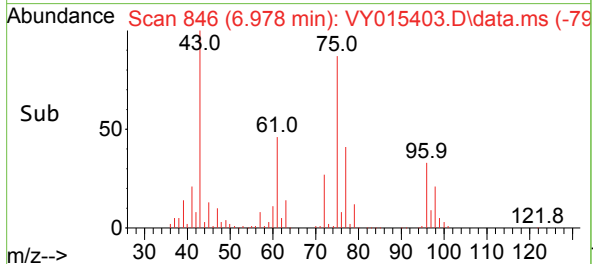
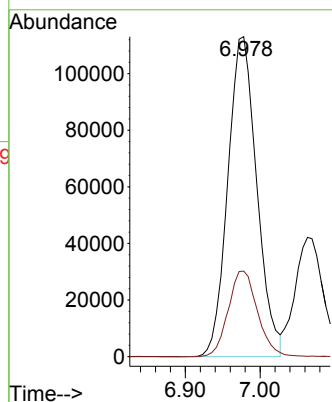
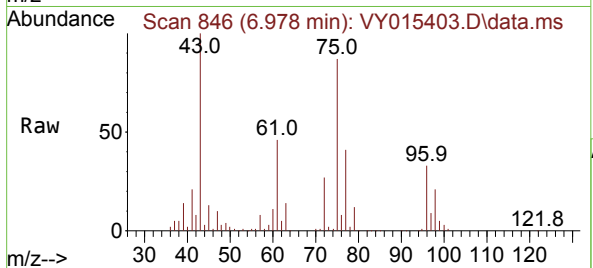
VSTDCCC050EC

Tgt Ion: 43 Resp: 304815

Ion Ratio Lower Upper

43 100

72 26.7 20.5 30.7



#26

2,2-Dichloropropane

Concen: 54.209 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY015403.D

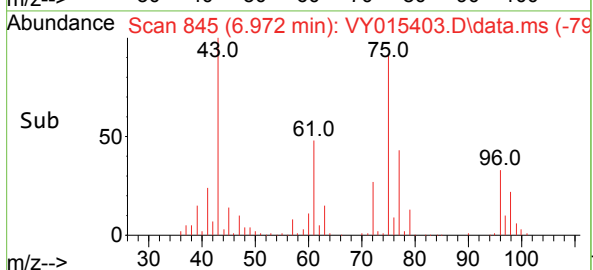
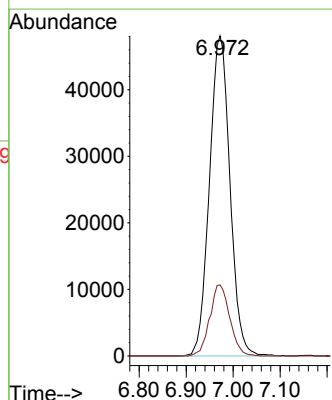
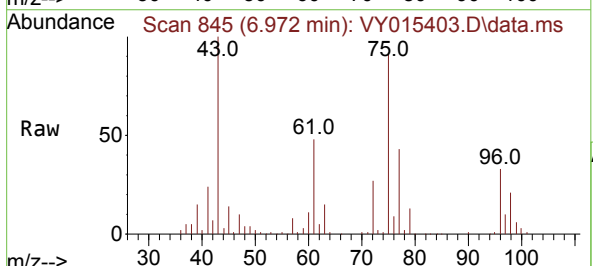
Acq: 31 Aug 2023 15:37

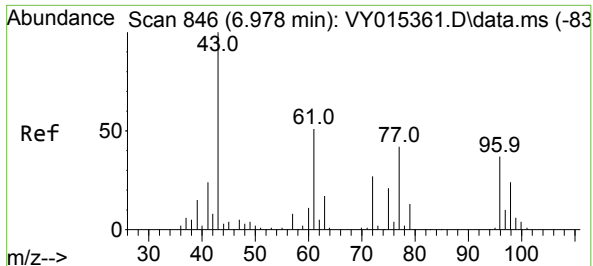
Tgt Ion: 77 Resp: 145674

Ion Ratio Lower Upper

77 100

97 21.6 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 49.497 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY015403.D

Acq: 31 Aug 2023 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

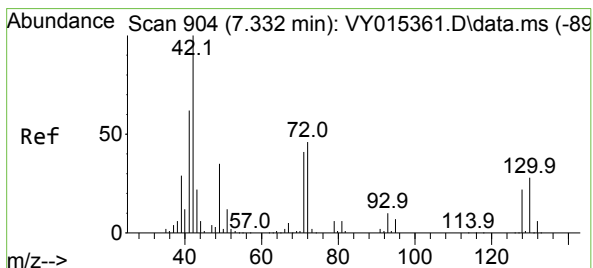
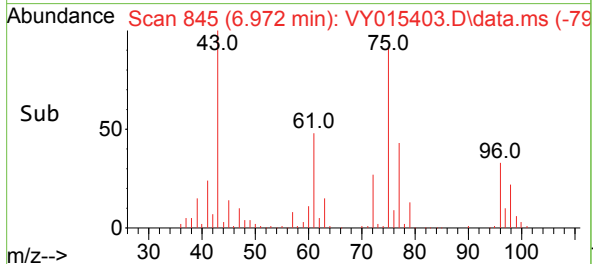
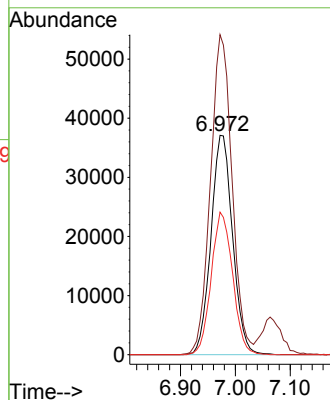
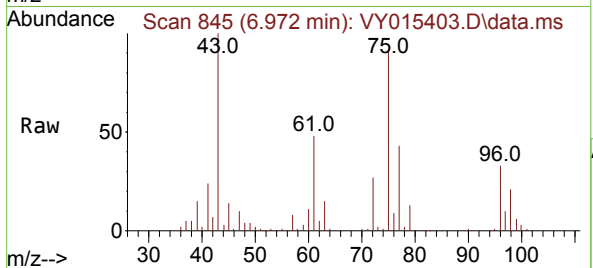
Tgt Ion: 96 Resp: 101630

Ion Ratio Lower Upper

96 100

61 145.8 0.0 301.4

98 64.3 0.0 130.4



#28

Bromochloromethane

Concen: 54.804 ug/l

RT: 7.326 min Scan# 903

Delta R.T. 0.000 min

Lab File: VY015403.D

Acq: 31 Aug 2023 15:37

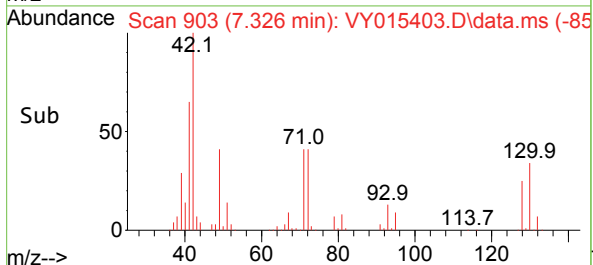
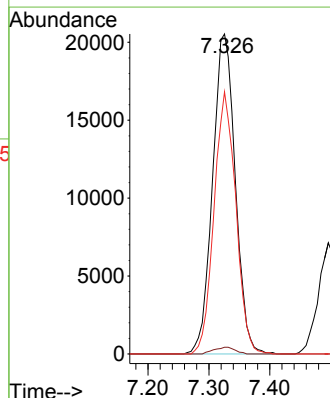
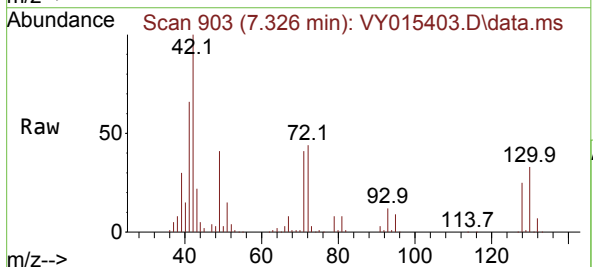
Tgt Ion: 49 Resp: 53173

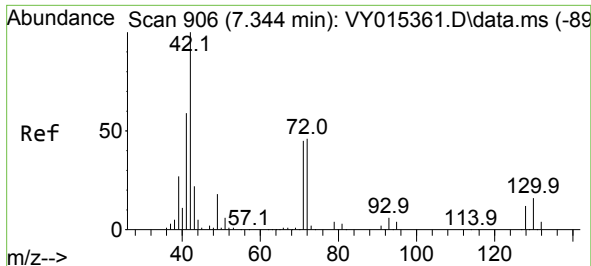
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.6

130 78.7 60.7 91.1





#29

Tetrahydrofuran

Concen: 289.414 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY015403.D

Acq: 31 Aug 2023 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

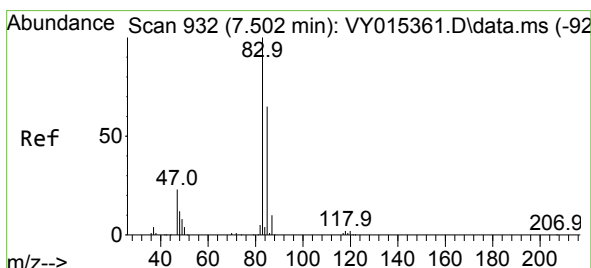
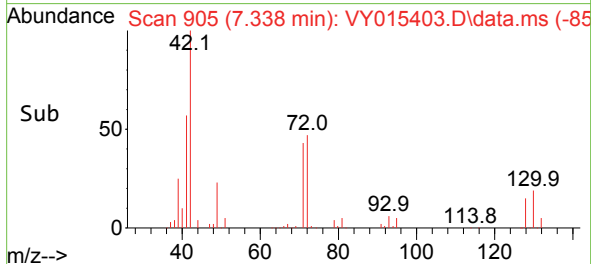
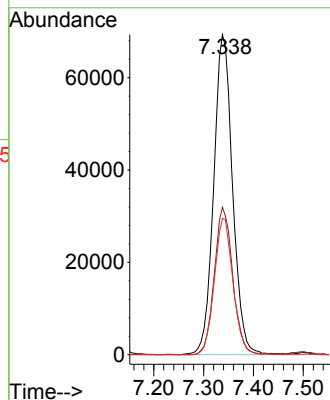
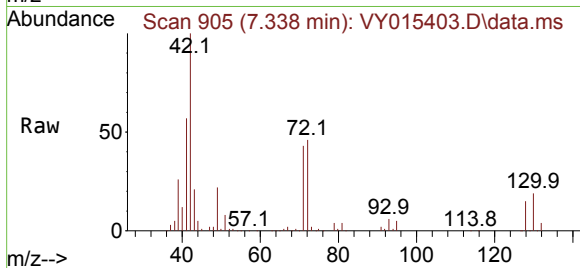
Tgt Ion: 42 Resp: 182368

Ion Ratio Lower Upper

42 100

72 44.9 32.8 49.2

71 42.1 31.0 46.4



#30

Chloroform

Concen: 63.992 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY015403.D

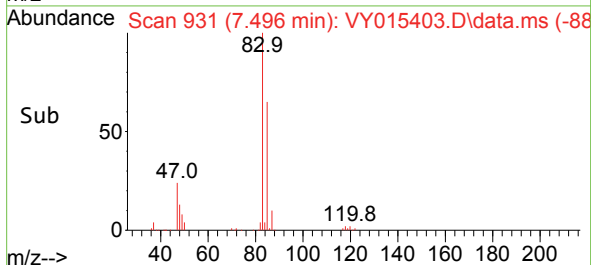
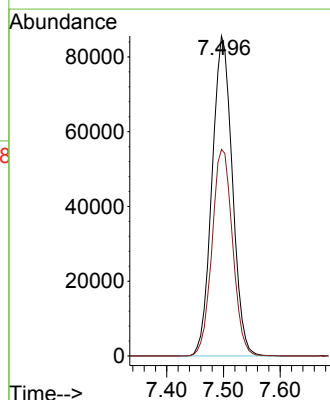
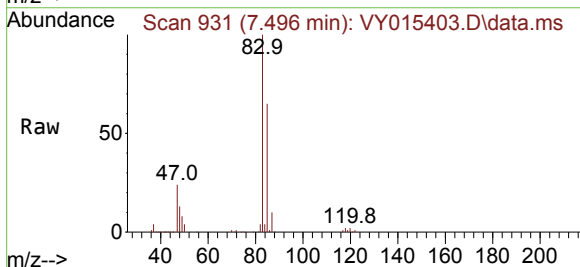
Acq: 31 Aug 2023 15:37

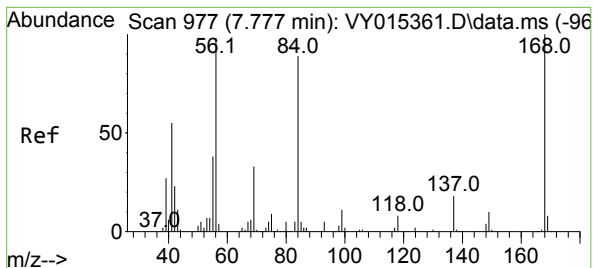
Tgt Ion: 83 Resp: 212836

Ion Ratio Lower Upper

83 100

85 64.6 49.7 74.5





#31

Cyclohexane

Concen: 46.842 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY015403.D

Acq: 31 Aug 2023 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

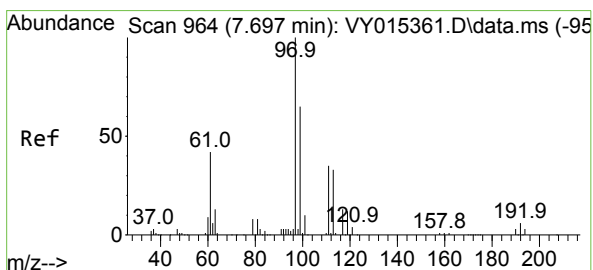
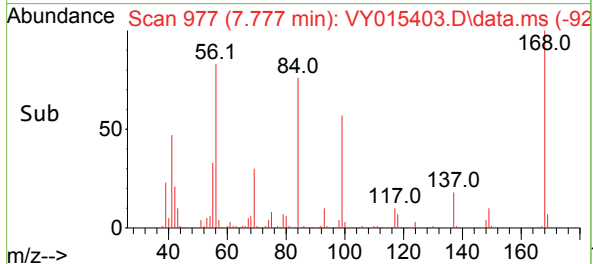
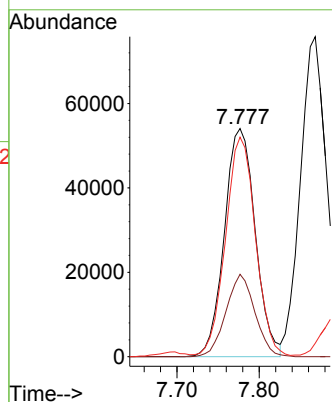
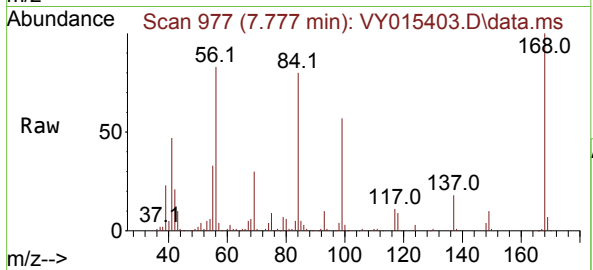
Tgt Ion: 56 Resp: 141034

Ion Ratio Lower Upper

56 100

69 36.1 27.8 41.6

84 94.8 66.4 99.6



#32

1,1,1-Trichloroethane

Concen: 48.785 ug/l

RT: 7.691 min Scan# 963

Delta R.T. -0.000 min

Lab File: VY015403.D

Acq: 31 Aug 2023 15:37

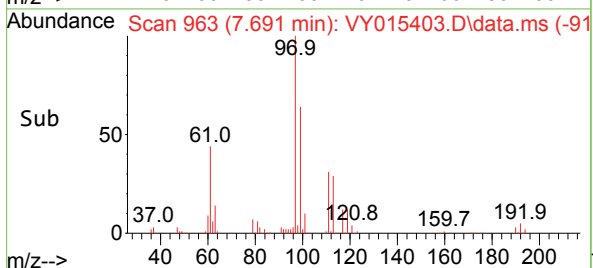
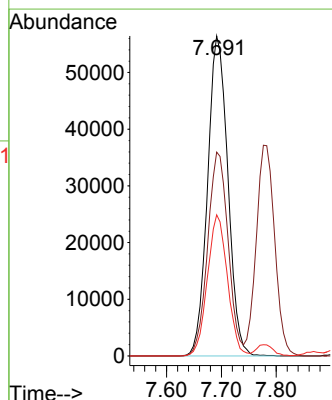
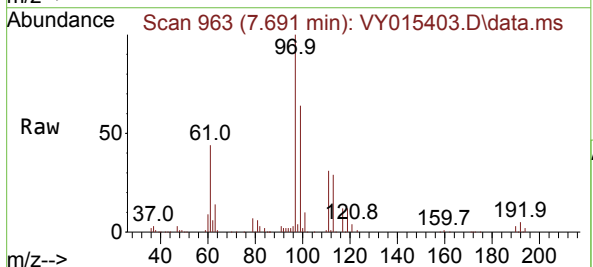
Tgt Ion: 97 Resp: 144931

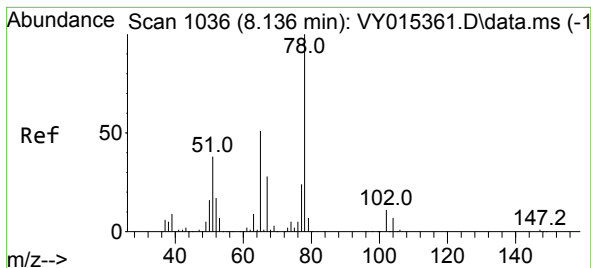
Ion Ratio Lower Upper

97 100

99 64.3 50.8 76.2

61 43.6 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 49.543 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015403.D

Acq: 31 Aug 2023 15:37

Instrument :

MSVOA_Y

ClientSampleId :

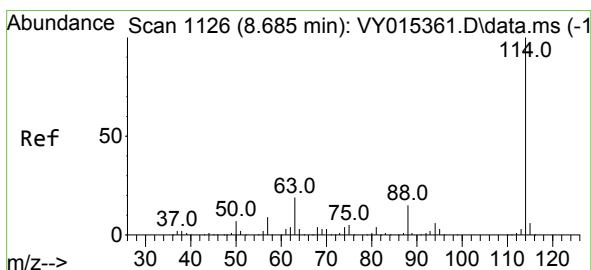
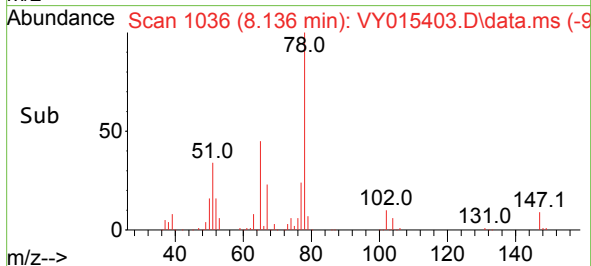
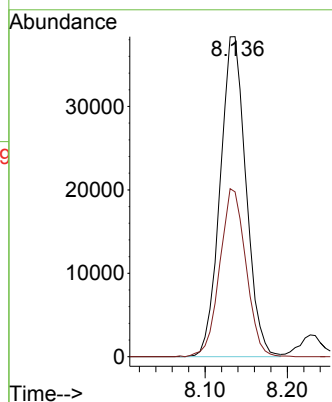
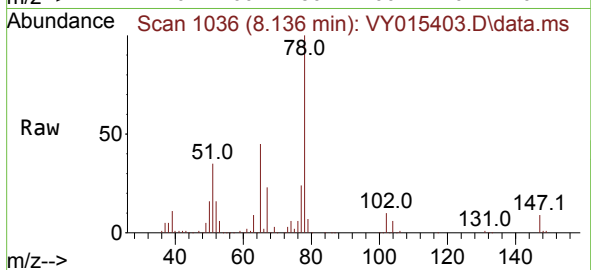
VSTDCCC050EC

Tgt Ion: 65 Resp: 83974

Ion Ratio Lower Upper

65 100

67 53.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY015403.D

Acq: 31 Aug 2023 15:37

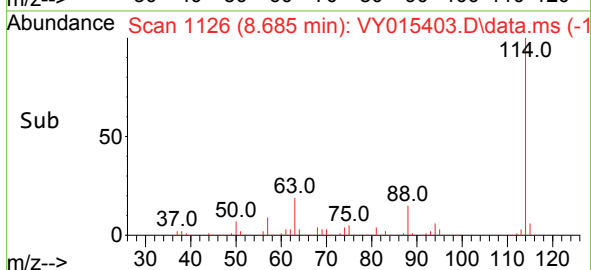
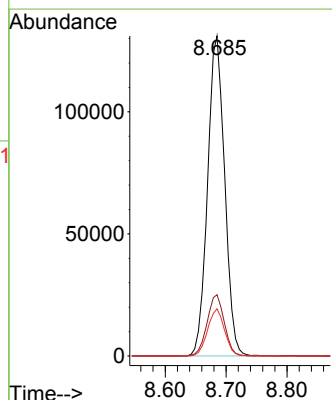
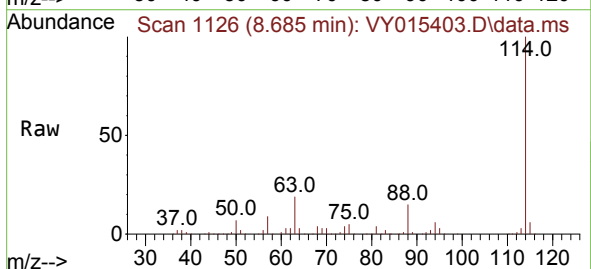
Tgt Ion: 114 Resp: 255039

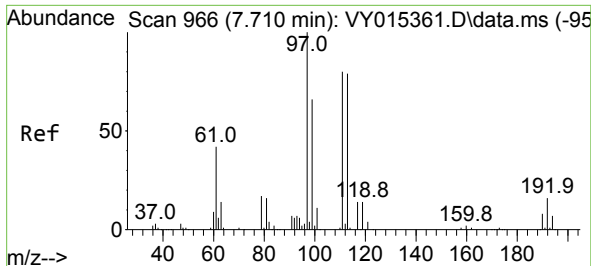
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 14.8 0.0 30.6

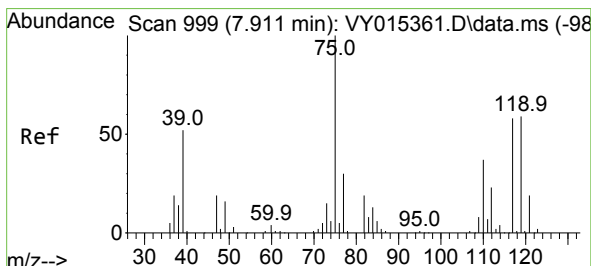
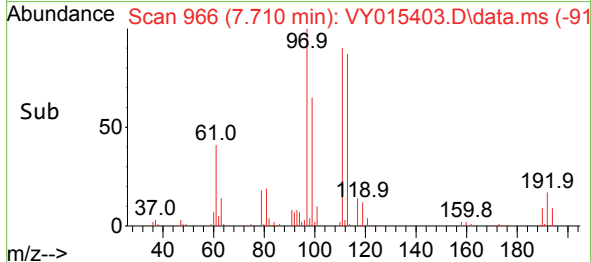
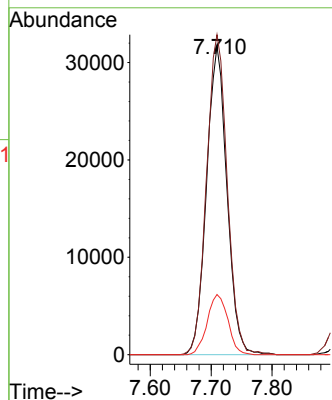
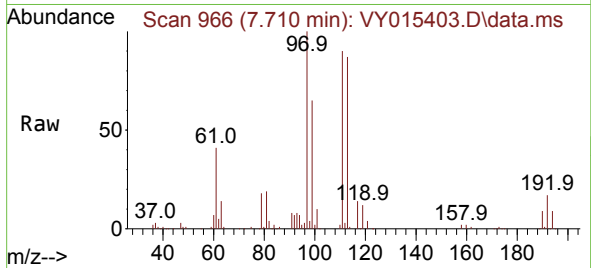




#35
Dibromofluoromethane
Concen: 50.116 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY015403.D
Acq: 31 Aug 2023 15:37

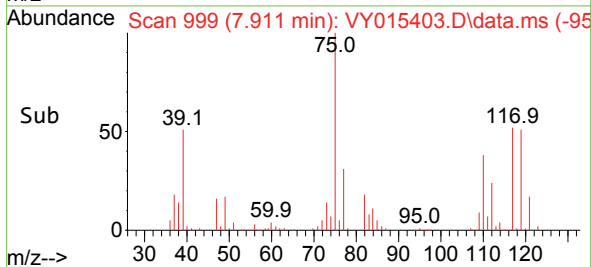
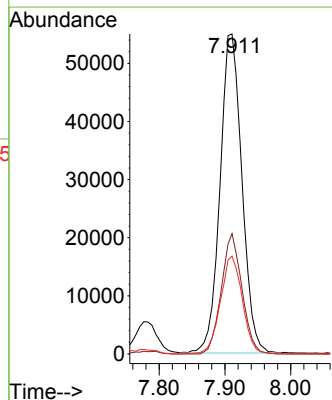
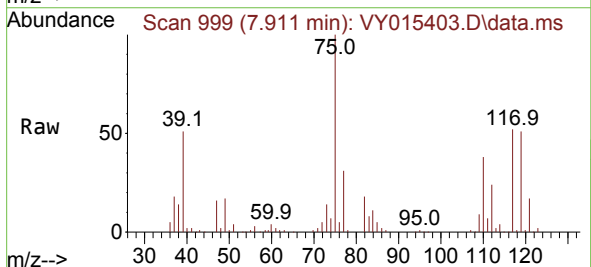
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

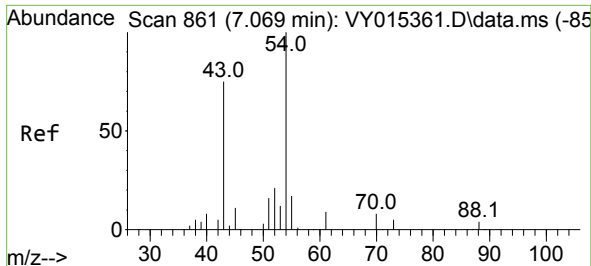
Tgt Ion:113 Resp: 73619
Ion Ratio Lower Upper
113 100
111 105.3 81.3 121.9
192 19.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 49.301 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY015403.D
Acq: 31 Aug 2023 15:37

Tgt Ion: 75 Resp: 127165
Ion Ratio Lower Upper
75 100
110 35.4 17.8 53.5
77 30.8 24.4 36.6





#37

Ethyl Acetate

Concen: 57.471 ug/l

RT: 7.063 min Scan# 861

Delta R.T. -0.000 min

Lab File: VY015403.D

Acq: 31 Aug 2023 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

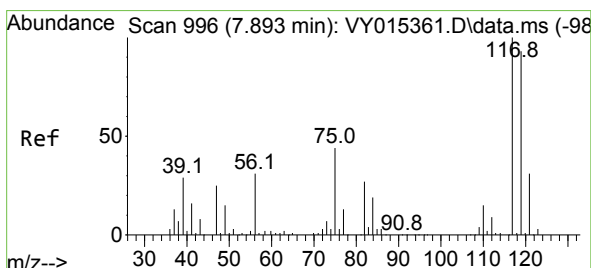
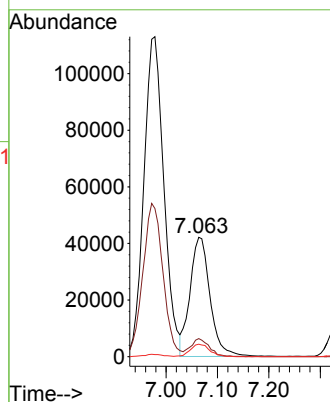
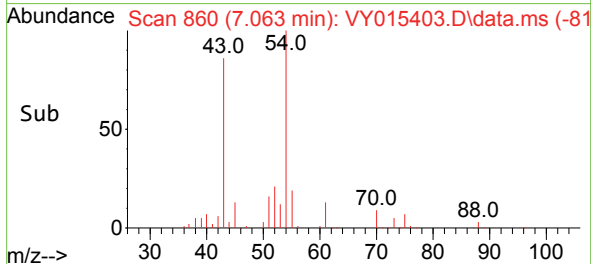
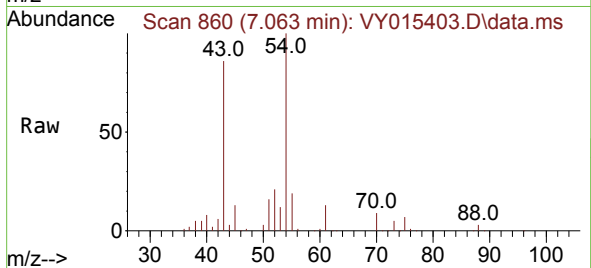
Tgt Ion: 43 Resp: 114329

Ion Ratio Lower Upper

43 100

61 14.1 10.1 15.1

70 10.1 7.1 10.7



#38

Carbon Tetrachloride

Concen: 49.631 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.000 min

Lab File: VY015403.D

Acq: 31 Aug 2023 15:37

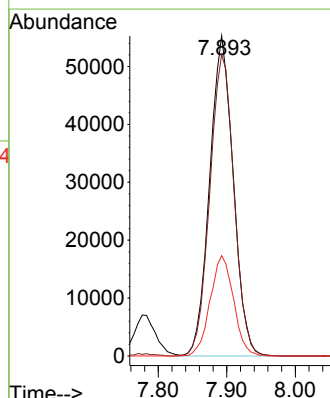
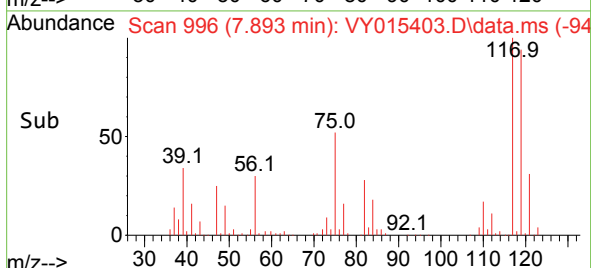
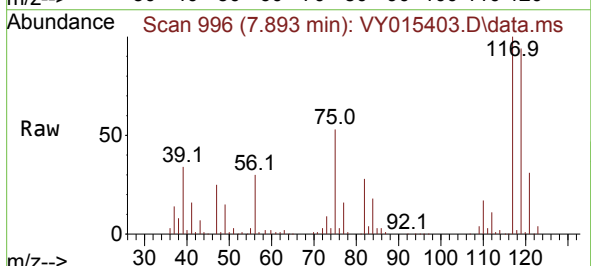
Tgt Ion: 117 Resp: 132216

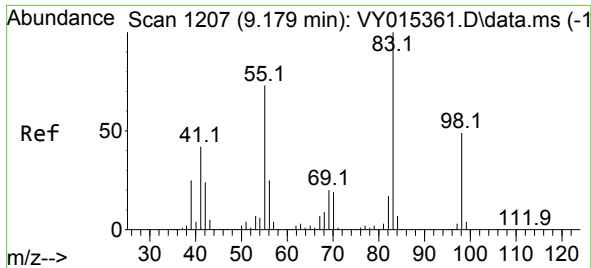
Ion Ratio Lower Upper

117 100

119 94.2 76.4 114.6

121 31.4 25.8 38.6





#39

Methylcyclohexane

Concen: 49.249 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015403.D

Acq: 31 Aug 2023 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

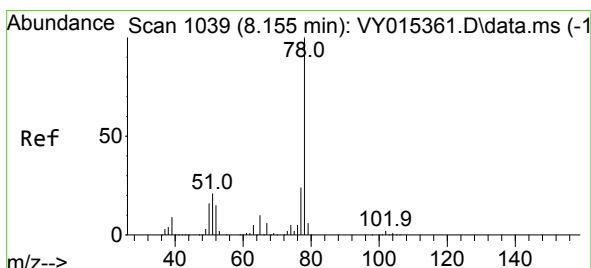
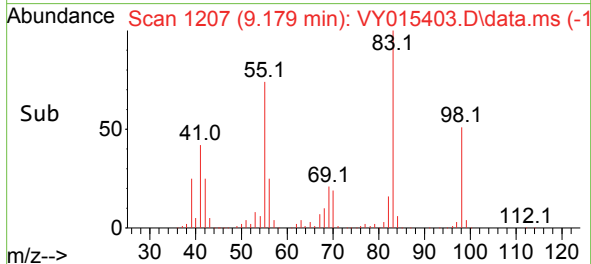
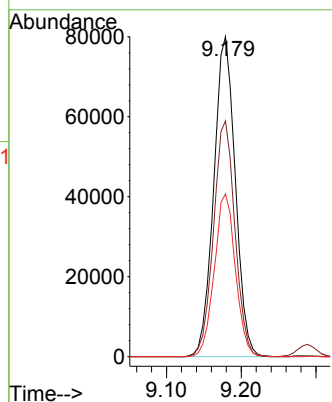
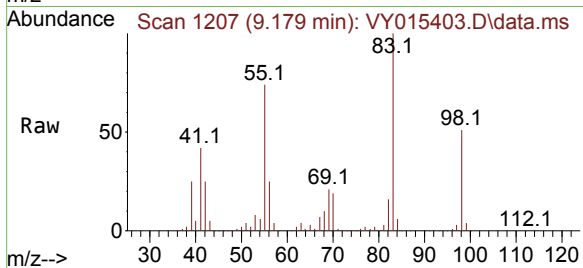
Tgt Ion: 83 Resp: 159925

Ion Ratio Lower Upper

83 100

55 73.7 63.0 94.4

98 50.8 37.4 56.2



#40

Benzene

Concen: 49.577 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY015403.D

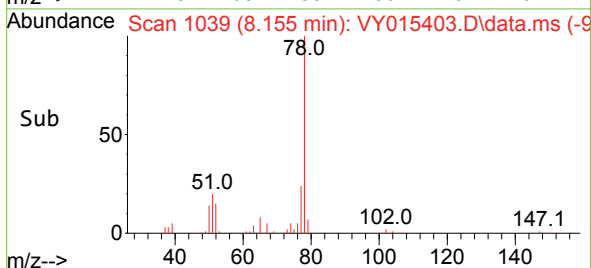
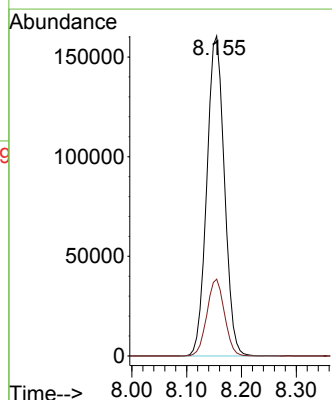
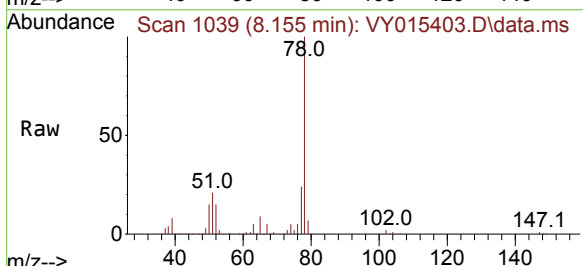
Acq: 31 Aug 2023 15:37

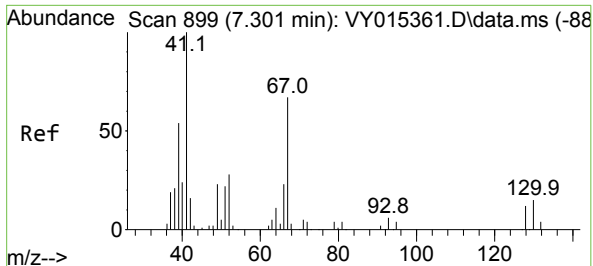
Tgt Ion: 78 Resp: 356772

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.6

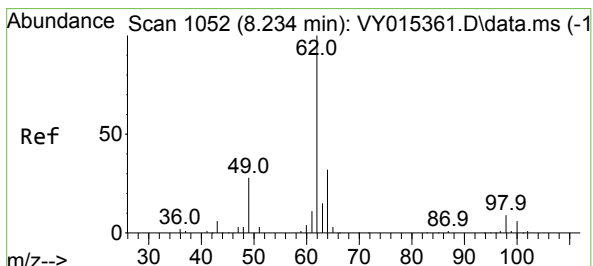
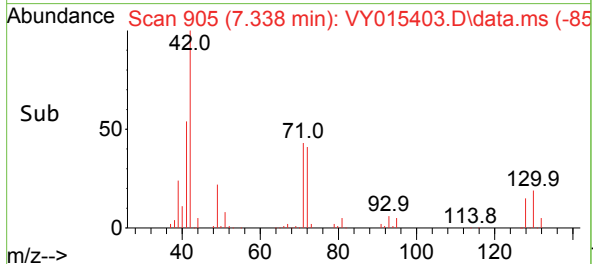
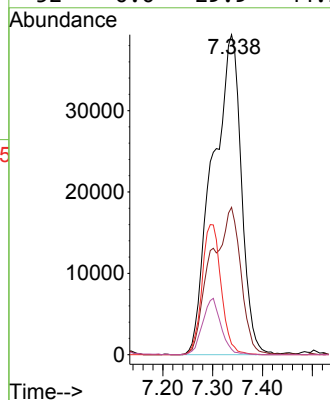
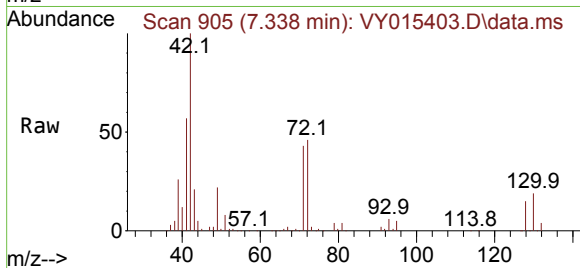




#41
Methacrylonitrile
Concen: 168.617 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.024 min
Lab File: VY015403.D
Acq: 31 Aug 2023 15:37

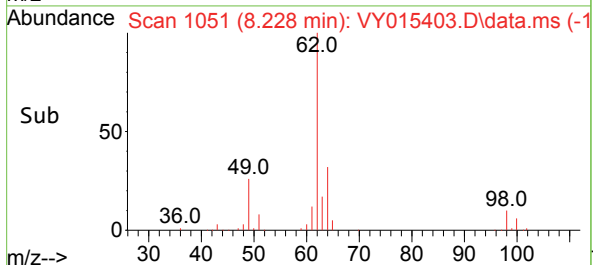
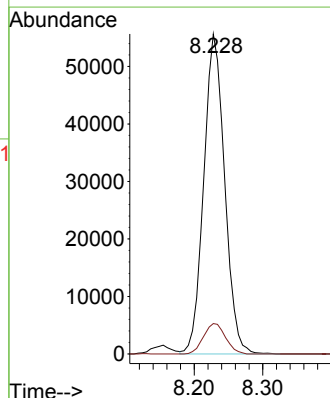
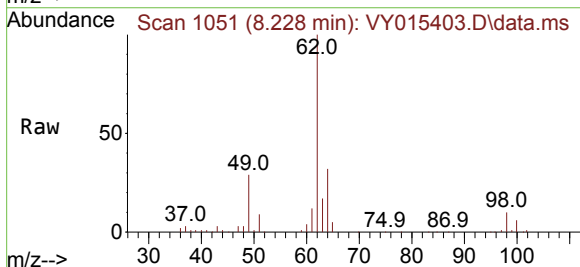
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

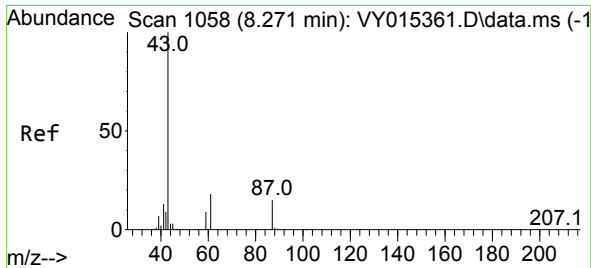
Tgt Ion:	41	Resp:	157298
Ion	Ratio	Lower	Upper
41	100		
39	28.5	52.1	78.1#
67	0.0	66.2	99.2#
52	0.0	29.9	44.9#



#42
1,2-Dichloroethane
Concen: 49.317 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY015403.D
Acq: 31 Aug 2023 15:37

Tgt Ion:	62	Resp:	118345
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	15.8

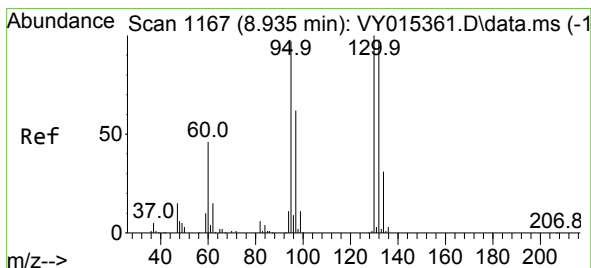
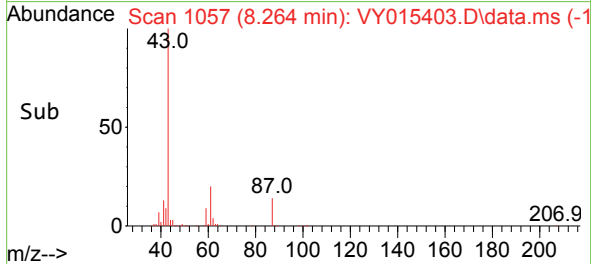
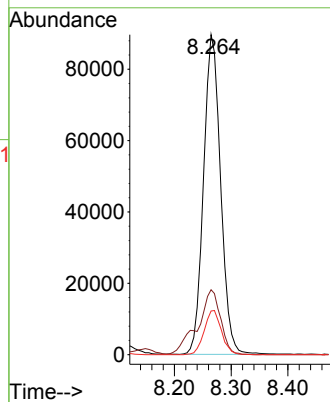
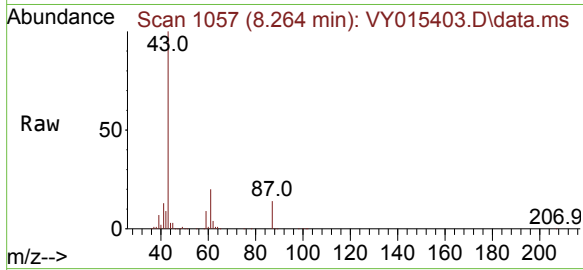




#43
Isopropyl Acetate
Concen: 54.628 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY015403.D
Acq: 31 Aug 2023 15:37

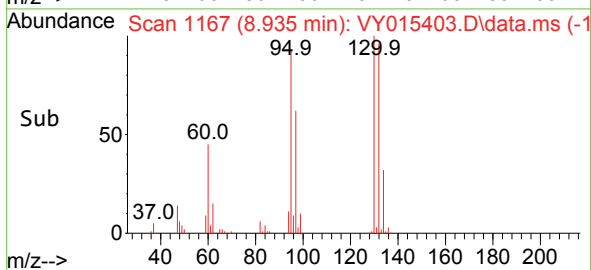
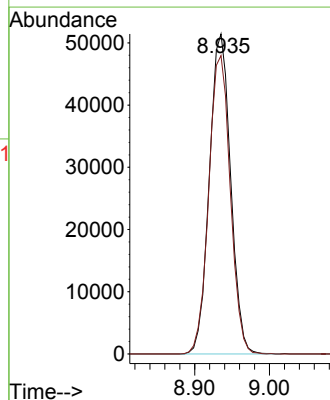
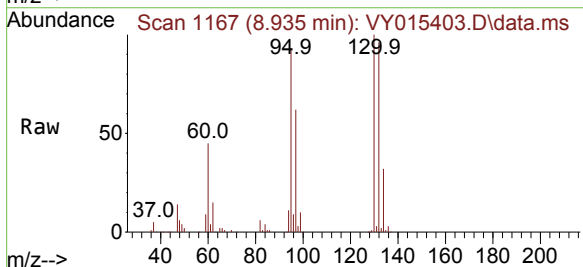
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

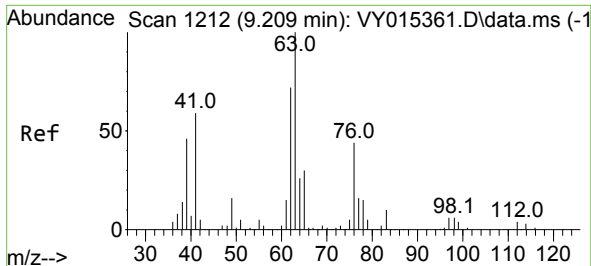
Tgt Ion: 43 Resp: 187918
Ion Ratio Lower Upper
43 100
61 27.2 21.1 31.7
87 14.0 9.8 14.8



#44
Trichloroethene
Concen: 49.959 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY015403.D
Acq: 31 Aug 2023 15:37

Tgt Ion:130 Resp: 101722
Ion Ratio Lower Upper
130 100
95 93.2 0.0 196.0

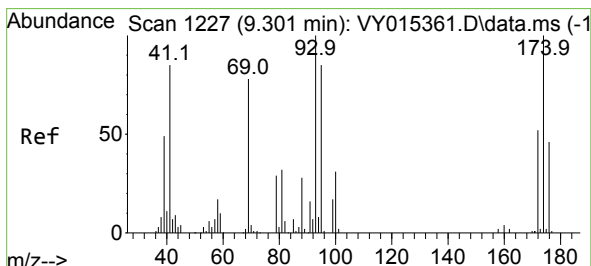
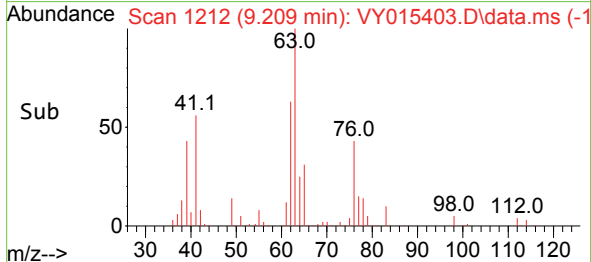
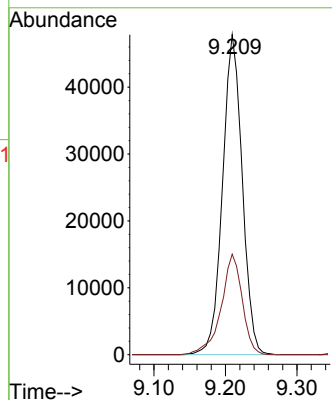
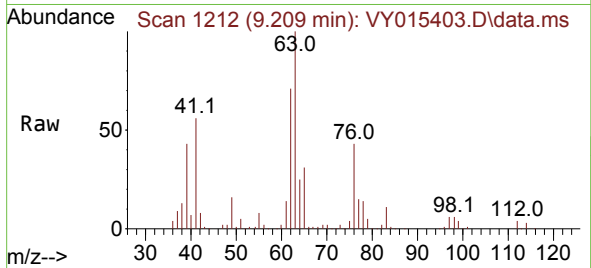




#45
1,2-Dichloropropane
Concen: 50.470 ug/l
RT: 9.209 min Scan# 1212
Delta R.T. -0.006 min
Lab File: VY015403.D
Acq: 31 Aug 2023 15:37

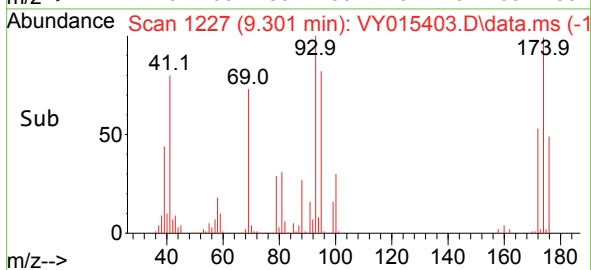
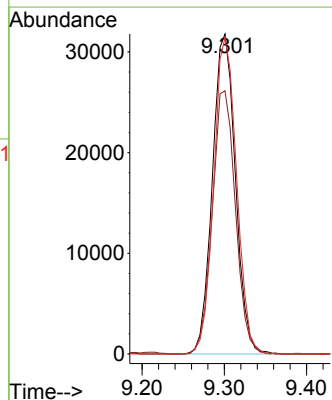
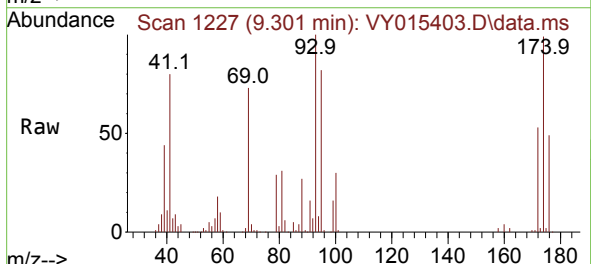
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

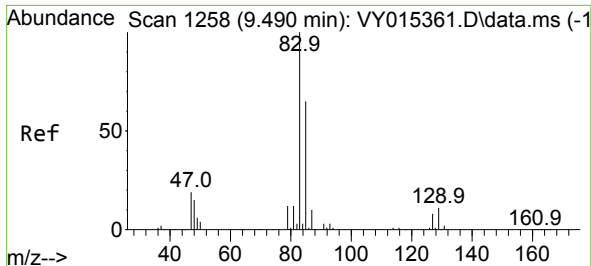
Tgt Ion: 63 Resp: 91558
Ion Ratio Lower Upper
63 100
65 31.4 23.8 35.6



#46
Dibromomethane
Concen: 51.240 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY015403.D
Acq: 31 Aug 2023 15:37

Tgt Ion: 93 Resp: 61747
Ion Ratio Lower Upper
93 100
95 82.9 66.6 100.0
174 98.3 84.8 127.2

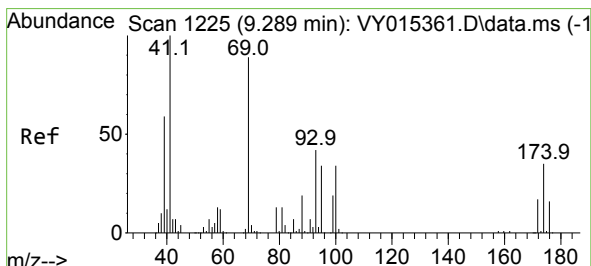
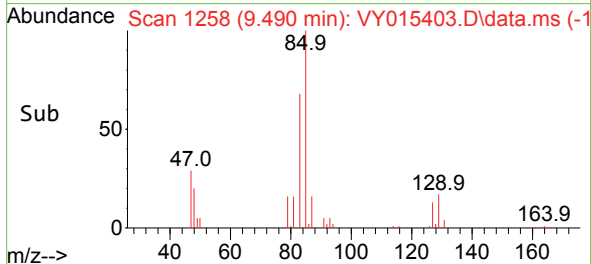
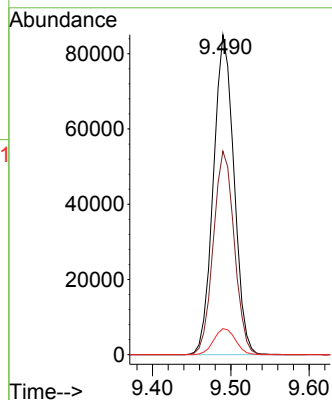
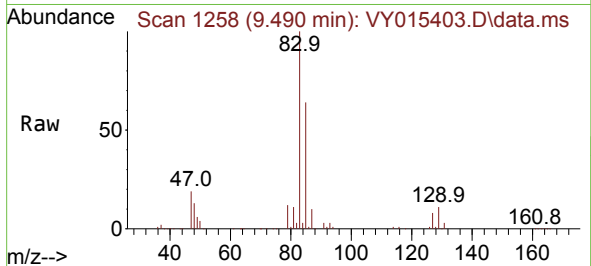




#47
Bromodichloromethane
Concen: 60.373 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VY015403.D
Acq: 31 Aug 2023 15:37

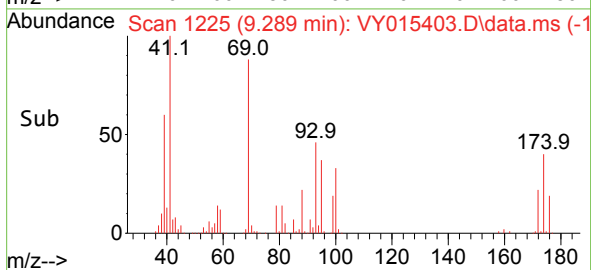
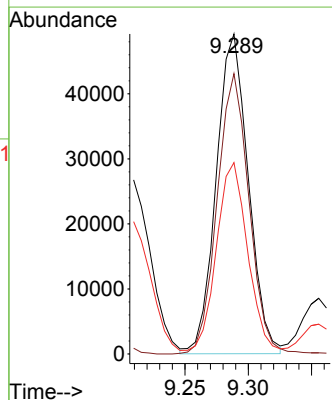
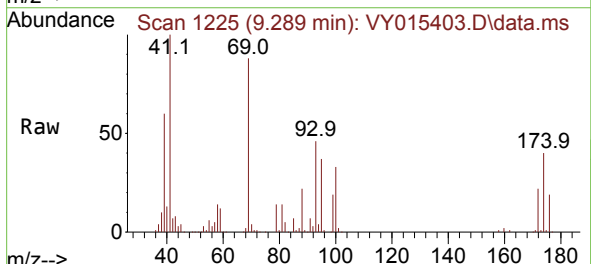
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

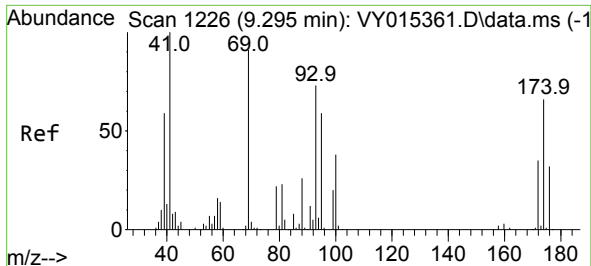
Tgt Ion: 83 Resp: 155584
Ion Ratio Lower Upper
83 100
85 63.6 50.1 75.1
127 8.1 7.1 10.7



#48
Methyl methacrylate
Concen: 54.932 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY015403.D
Acq: 31 Aug 2023 15:37

Tgt Ion: 41 Resp: 86700
Ion Ratio Lower Upper
41 100
69 87.1 64.5 96.7
39 56.6 50.8 76.2

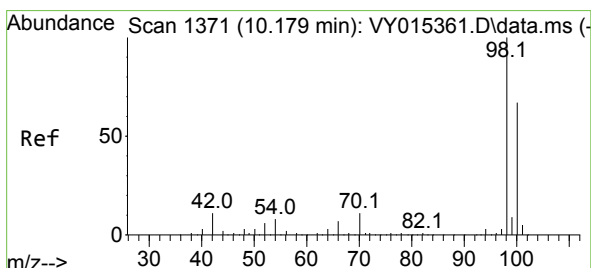
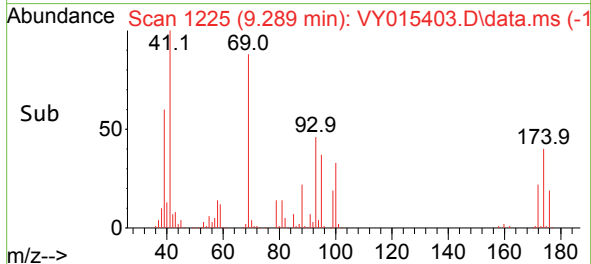
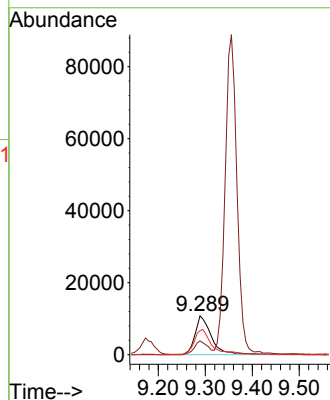
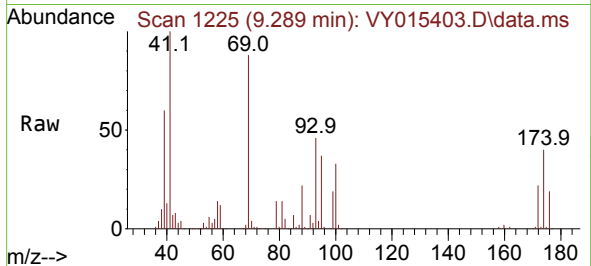




#49
1,4-Dioxane
Concen: 1177.445 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY015403.D
Acq: 31 Aug 2023 15:37

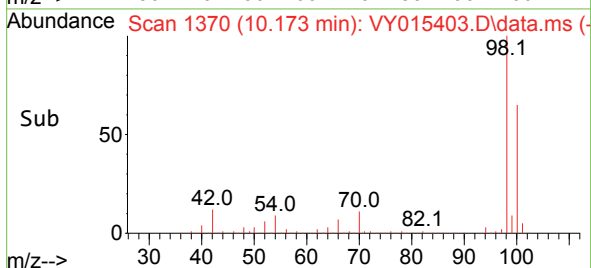
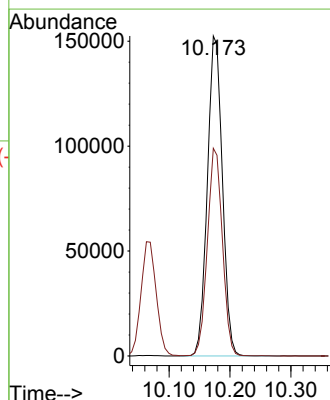
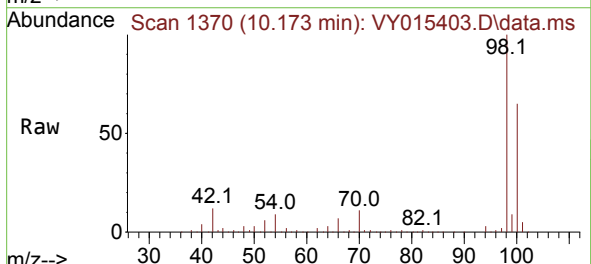
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

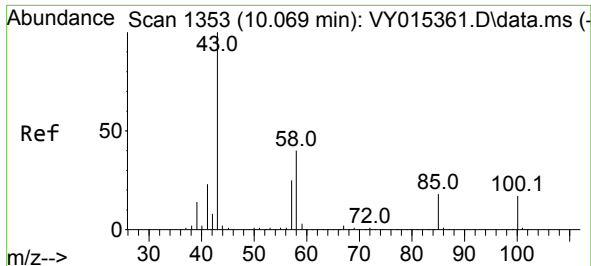
Tgt Ion: 88 Resp: 26355
Ion Ratio Lower Upper
88 100
43 28.4 0.0 0.0#
58 68.8 30.9 46.3#



#50
Toluene-d8
Concen: 49.122 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY015403.D
Acq: 31 Aug 2023 15:37

Tgt Ion: 98 Resp: 261314
Ion Ratio Lower Upper
98 100
100 64.7 50.1 75.1

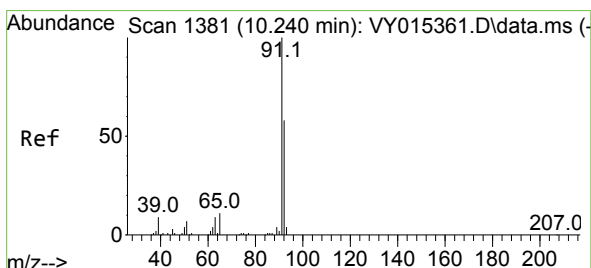
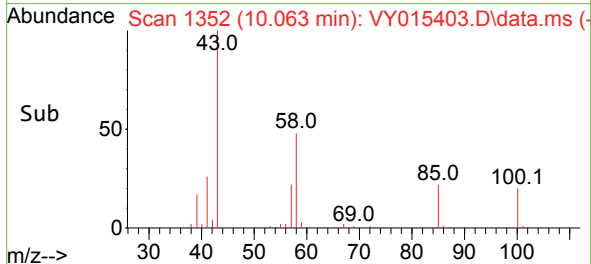
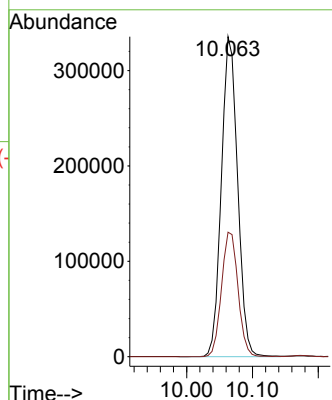
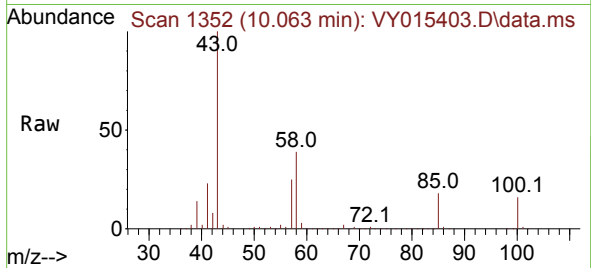




#51
4-Methyl-2-Pentanone
Concen: 288.257 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY015403.D
Acq: 31 Aug 2023 15:37

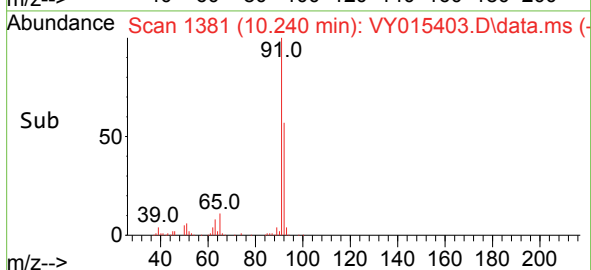
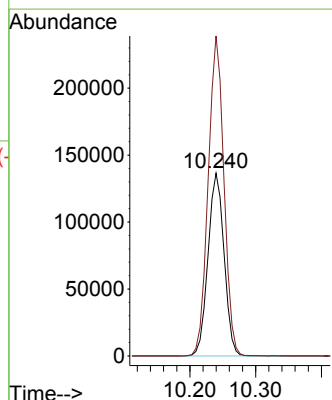
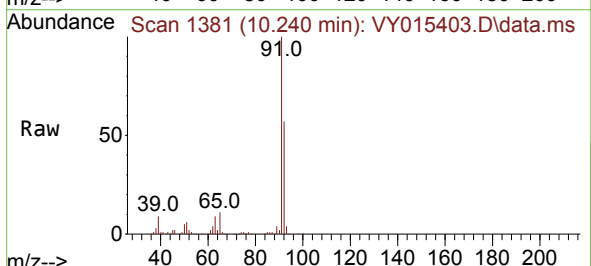
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

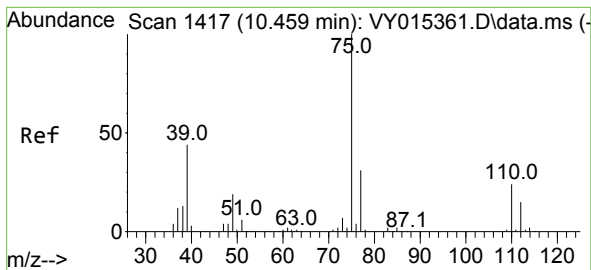
Tgt Ion: 43 Resp: 576339
Ion Ratio Lower Upper
43 100
58 39.6 29.0 43.6



#52
Toluene
Concen: 50.146 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY015403.D
Acq: 31 Aug 2023 15:37

Tgt Ion: 92 Resp: 231296
Ion Ratio Lower Upper
92 100
91 172.1 143.8 215.6

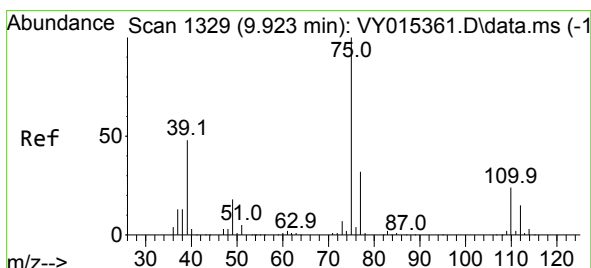
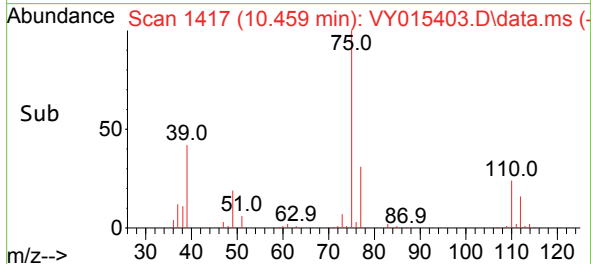
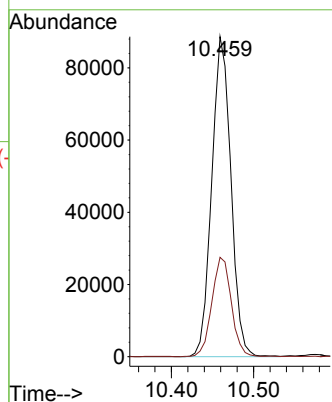
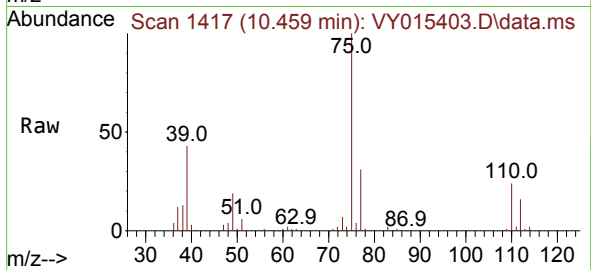




#53
 t-1,3-Dichloropropene
 Concen: 52.411 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY015403.D
 Acq: 31 Aug 2023 15:37

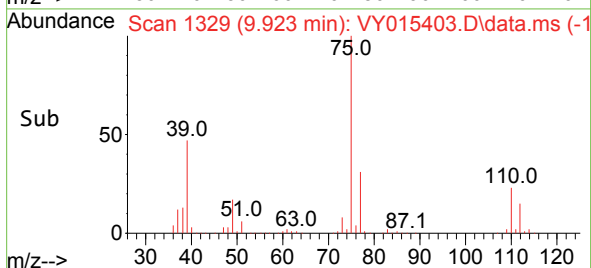
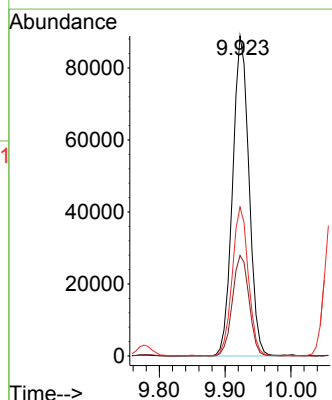
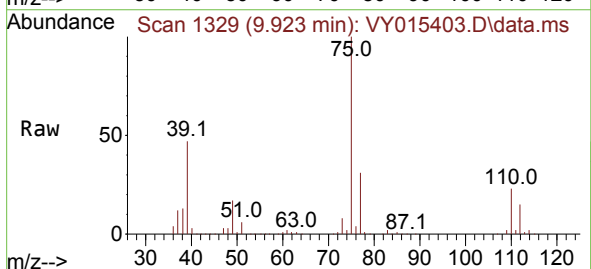
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

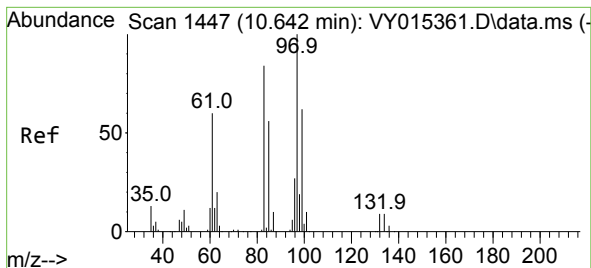
Tgt Ion: 75 Resp: 143539
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 51.588 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.000 min
 Lab File: VY015403.D
 Acq: 31 Aug 2023 15:37

Tgt Ion: 75 Resp: 153691
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.2 36.4
 39 46.4 42.2 63.4

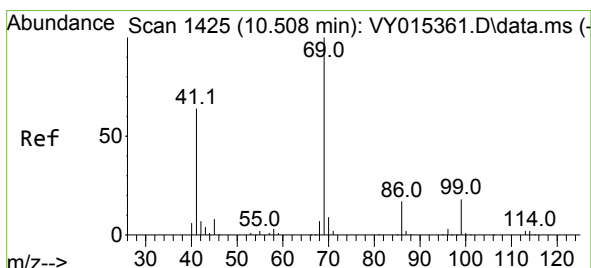
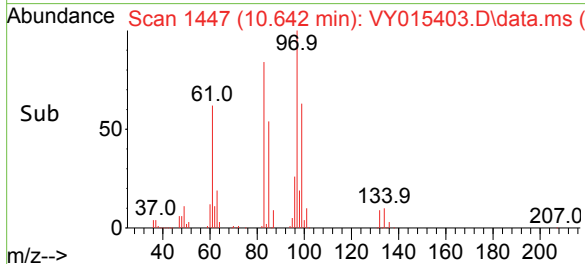
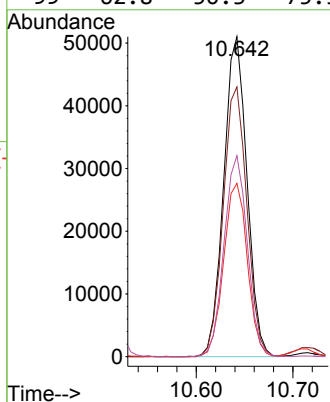
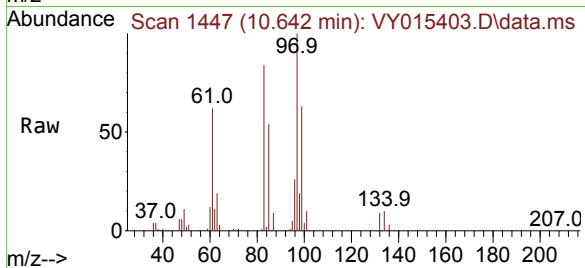




#55
1,1,2-Trichloroethane
Concen: 52.498 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY015403.D
Acq: 31 Aug 2023 15:37

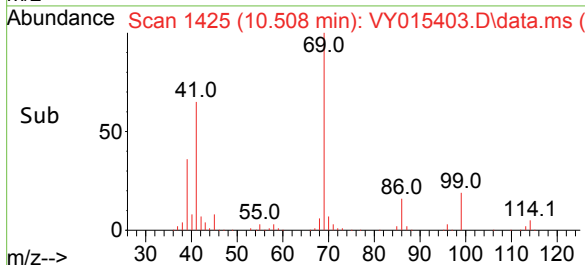
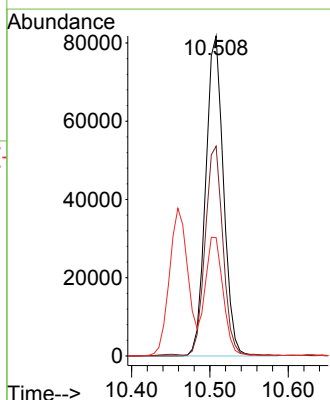
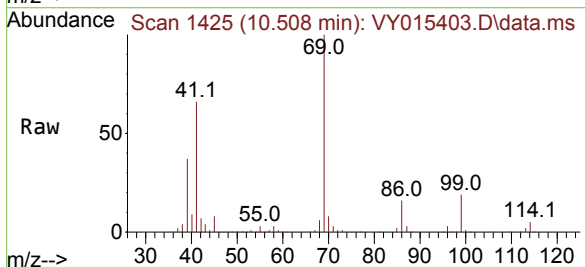
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

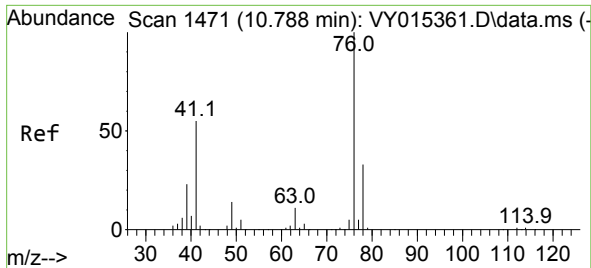
Tgt Ion:	97	Resp:	85241
Ion	Ratio	Lower	Upper
97	100		
83	84.3	72.0	108.0
85	54.1	45.4	68.0
99	62.8	50.3	75.5



#56
Ethyl methacrylate
Concen: 53.523 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY015403.D
Acq: 31 Aug 2023 15:37

Tgt Ion:	69	Resp:	128783
Ion	Ratio	Lower	Upper
69	100		
41	65.3	57.6	86.4
39	37.3	34.1	51.1

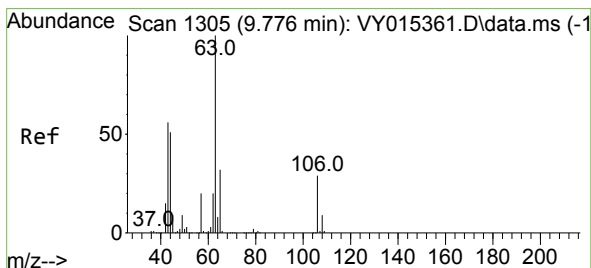
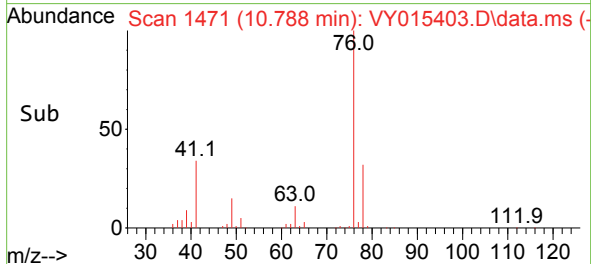
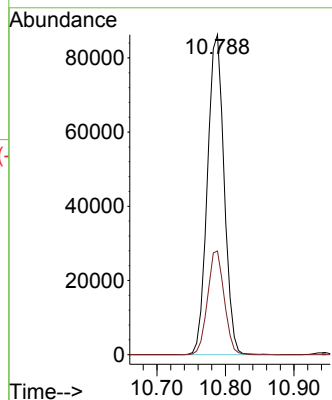
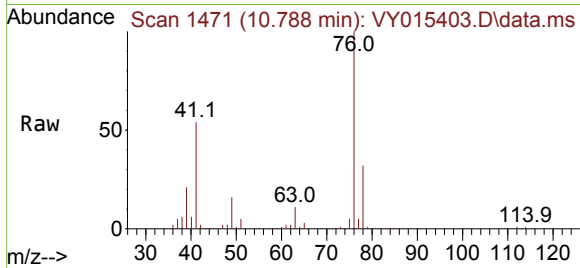




#57
1,3-Dichloropropane
Concen: 52.223 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VY015403.D
Acq: 31 Aug 2023 15:37

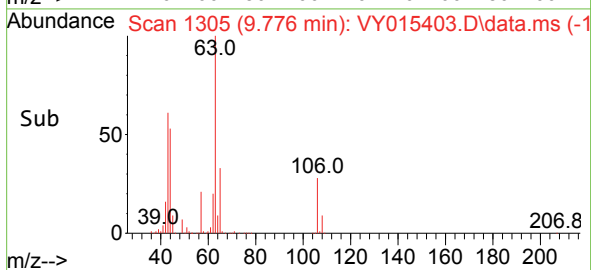
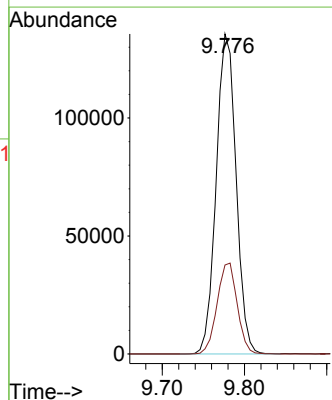
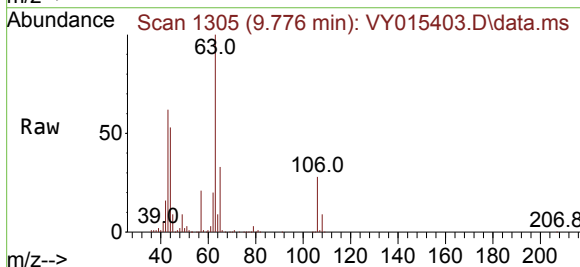
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

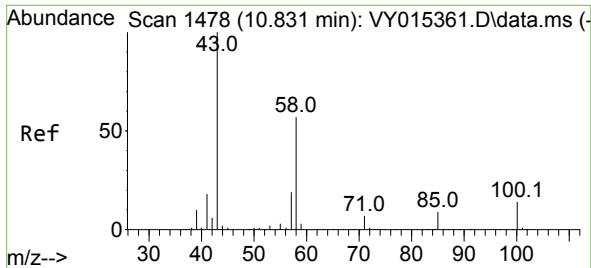
Tgt Ion: 76 Resp: 145963
Ion Ratio Lower Upper
76 100
78 32.4 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 265.264 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VY015403.D
Acq: 31 Aug 2023 15:37

Tgt Ion: 63 Resp: 227818
Ion Ratio Lower Upper
63 100
106 28.7 21.2 31.8

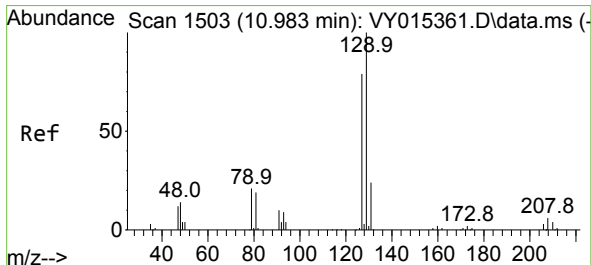
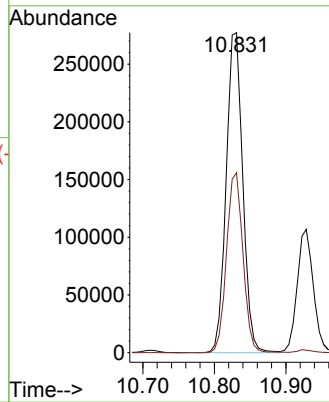
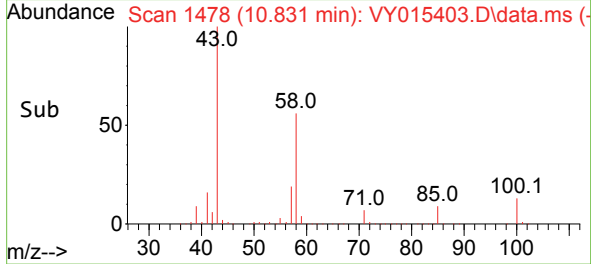
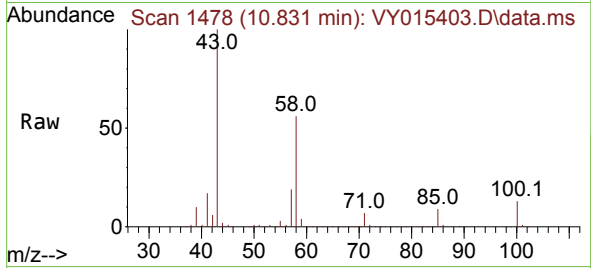




#59
2-Hexanone
Concen: 297.694 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015403.D
Acq: 31 Aug 2023 15:37

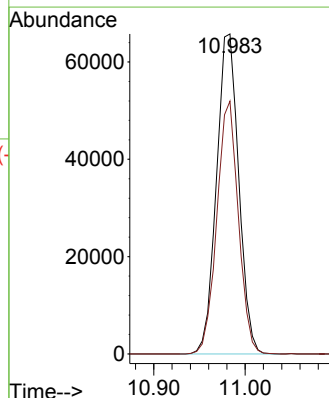
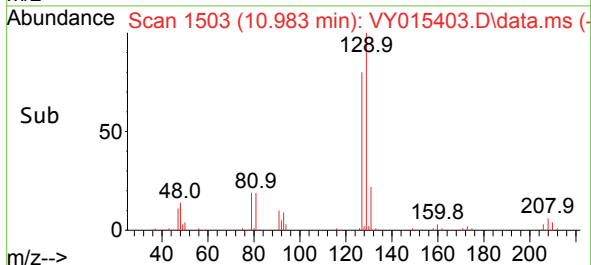
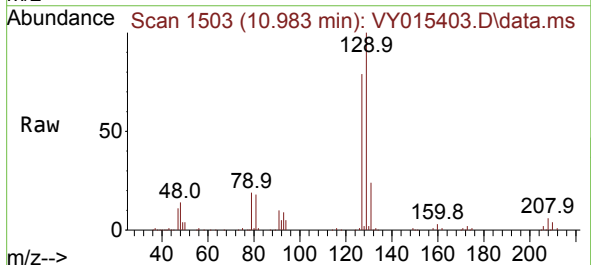
Instrument :
MSVOA_Y
ClientSampleId :
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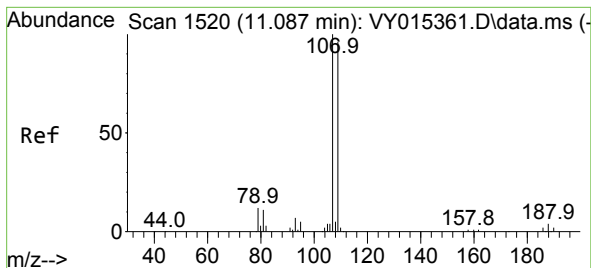
Tgt Ion: 43 Resp: 446613
Ion Ratio Lower Upper
43 100
58 55.9 25.1 75.3



#60
Dibromochloromethane
Concen: 58.643 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY015403.D
Acq: 31 Aug 2023 15:37

Tgt Ion: 129 Resp: 111448
Ion Ratio Lower Upper
129 100
127 76.4 38.5 115.5

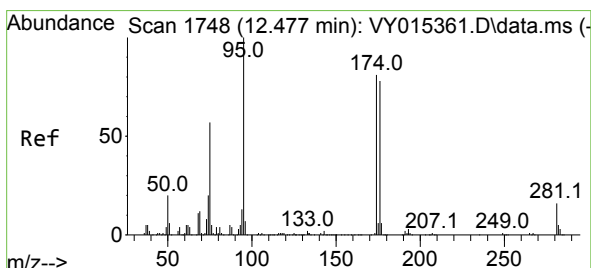
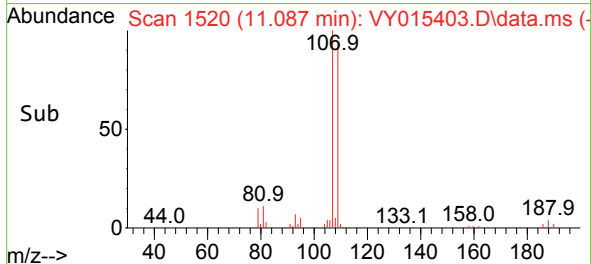
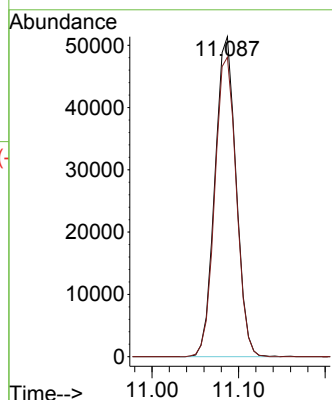
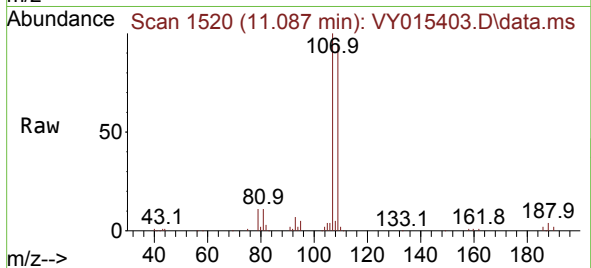




#61
1,2-Dibromoethane
Concen: 52.969 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015403.D
Acq: 31 Aug 2023 15:37

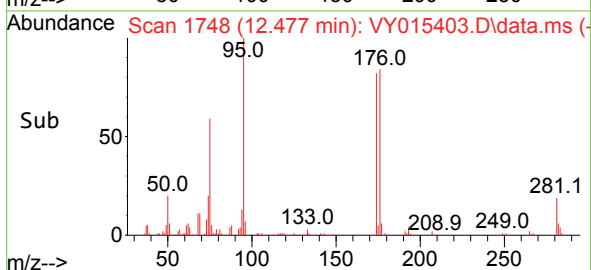
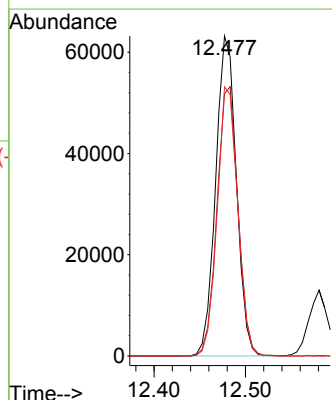
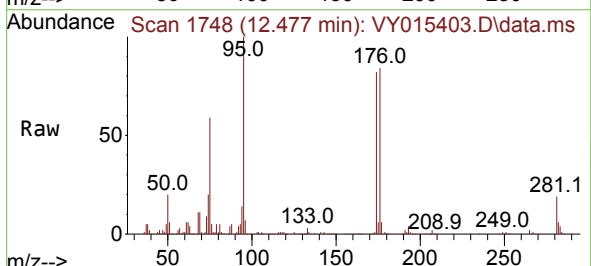
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

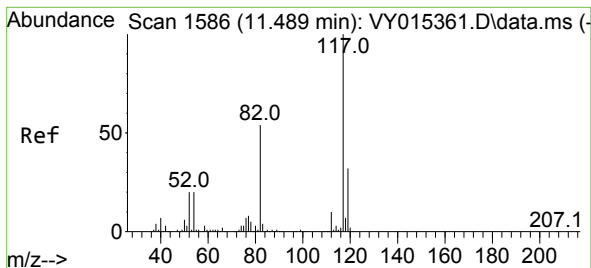
Tgt Ion:107 Resp: 87148
Ion Ratio Lower Upper
107 100
109 95.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.211 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015403.D
Acq: 31 Aug 2023 15:37

Tgt Ion: 95 Resp: 99160
Ion Ratio Lower Upper
95 100
174 85.4 0.0 178.2
176 83.6 0.0 173.8

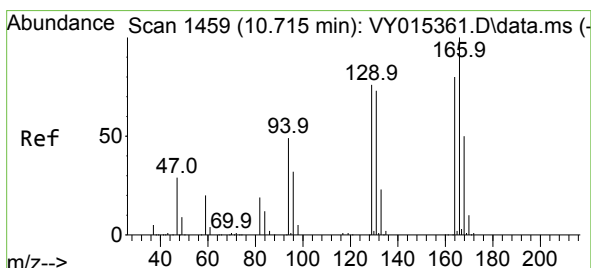
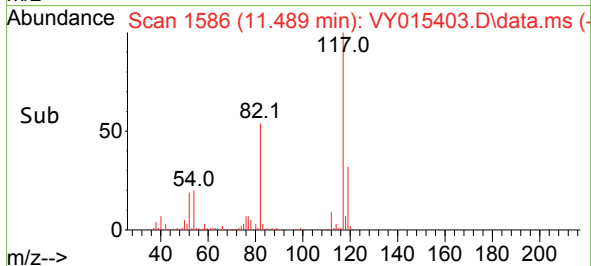
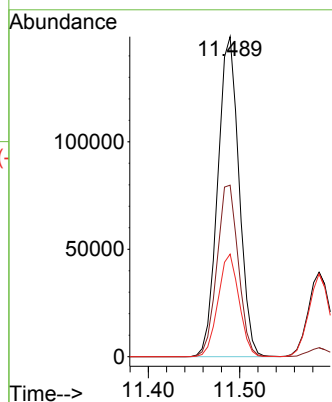
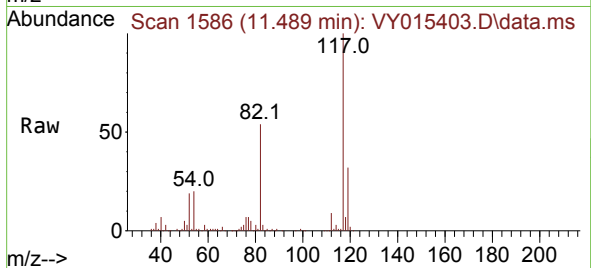




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015403.D
Acq: 31 Aug 2023 15:37

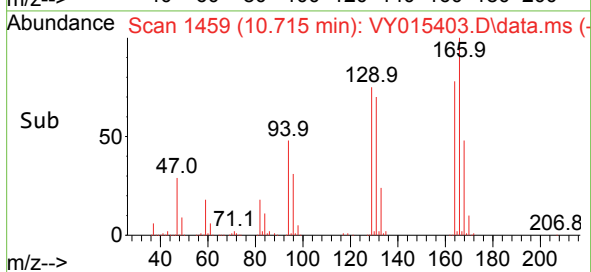
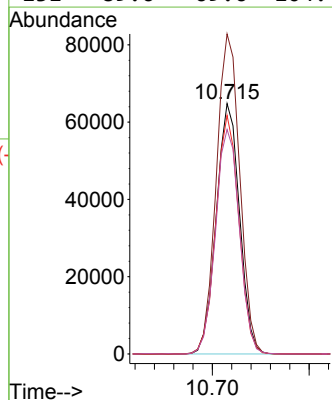
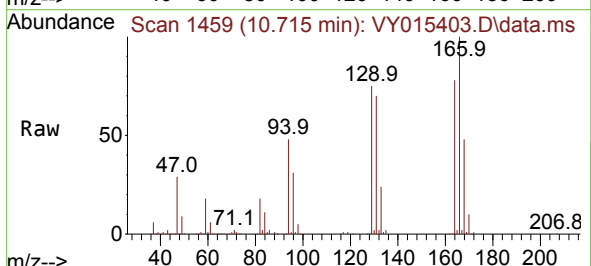
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

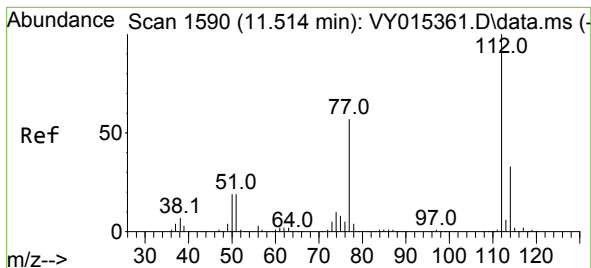
Tgt Ion:117 Resp: 241121
Ion Ratio Lower Upper
117 100
82 53.6 43.4 65.0
119 32.1 26.3 39.5



#64
Tetrachloroethene
Concen: 49.510 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY015403.D
Acq: 31 Aug 2023 15:37

Tgt Ion:164 Resp: 108355
Ion Ratio Lower Upper
164 100
166 127.8 103.0 154.6
129 95.2 77.2 115.8
131 89.6 69.6 104.4

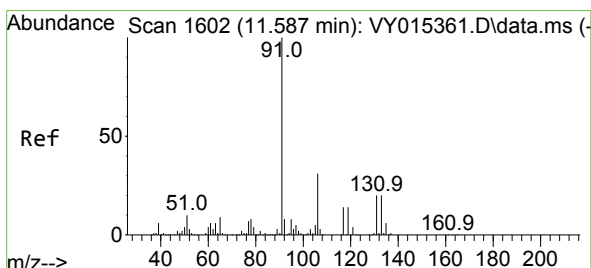
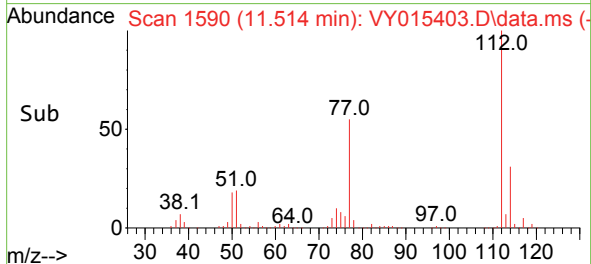
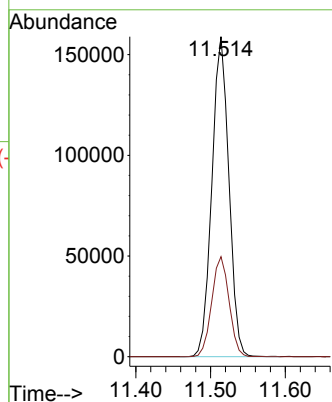
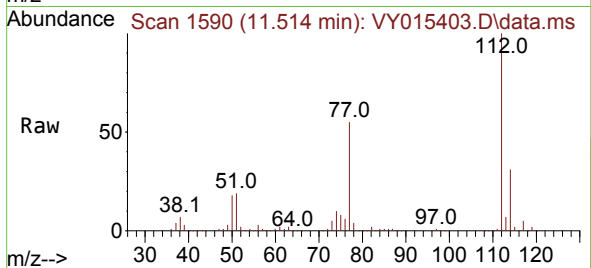




#65
Chlorobenzene
Concen: 48.285 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY015403.D
Acq: 31 Aug 2023 15:37

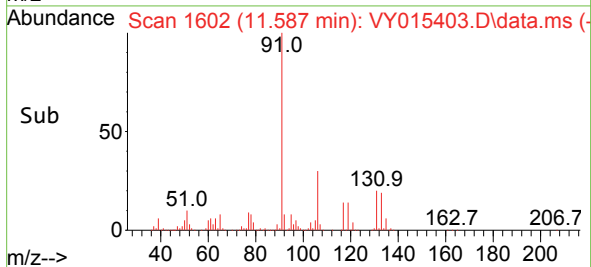
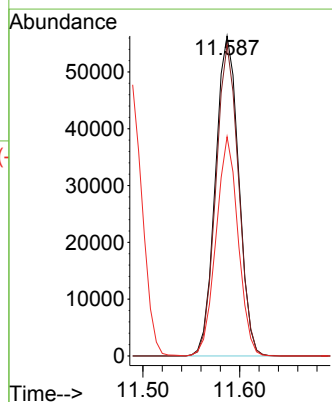
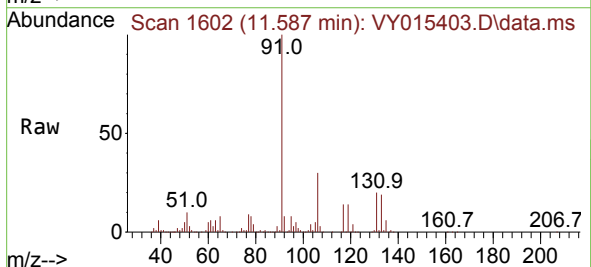
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

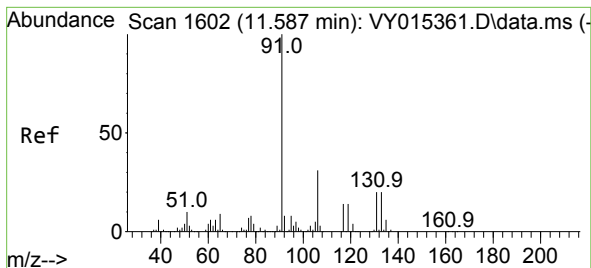
Tgt Ion:112 Resp: 250883
Ion Ratio Lower Upper
112 100
114 31.3 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 49.432 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY015403.D
Acq: 31 Aug 2023 15:37

Tgt Ion:131 Resp: 94009
Ion Ratio Lower Upper
131 100
133 94.8 47.5 142.6
119 65.1 31.6 94.7





#67

Ethyl Benzene

Concen: 48.386 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY015403.D

Acq: 31 Aug 2023 15:37

Instrument :

MSVOA_Y

ClientSampleId :

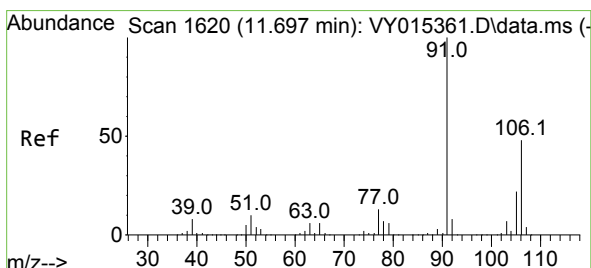
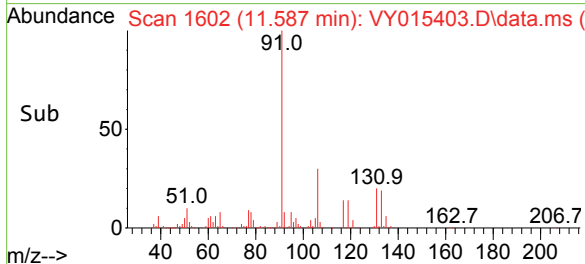
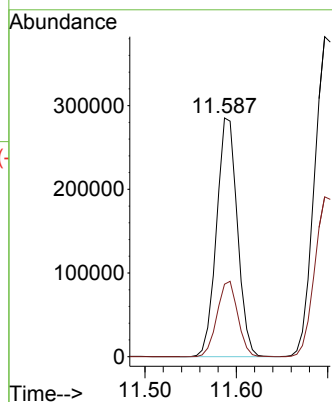
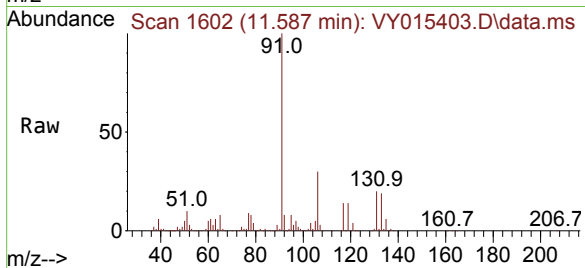
VSTDCCC050EC

Tgt Ion: 91 Resp: 451437

Ion Ratio Lower Upper

91 100

106 30.4 24.6 36.8



#68

m/p-Xylenes

Concen: 98.067 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY015403.D

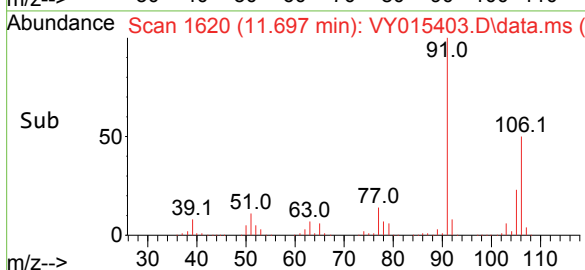
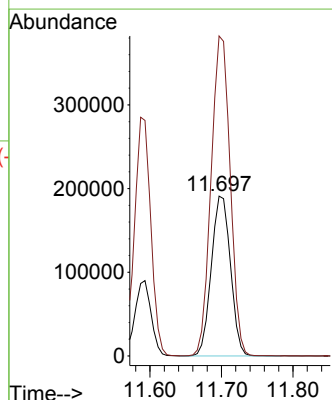
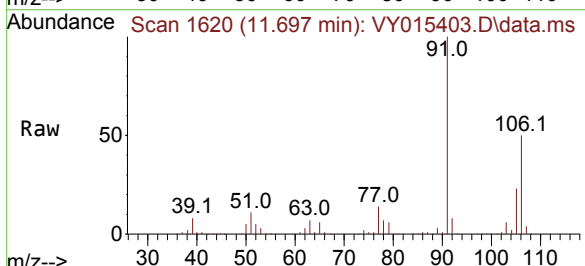
Acq: 31 Aug 2023 15:37

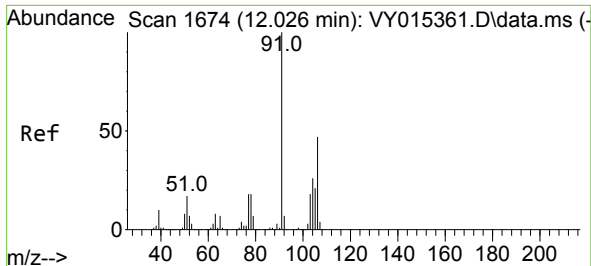
Tgt Ion:106 Resp: 354649

Ion Ratio Lower Upper

106 100

91 200.1 166.1 249.1

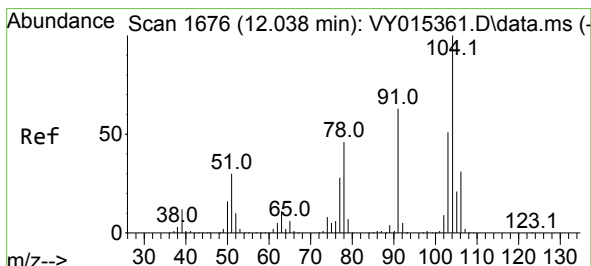
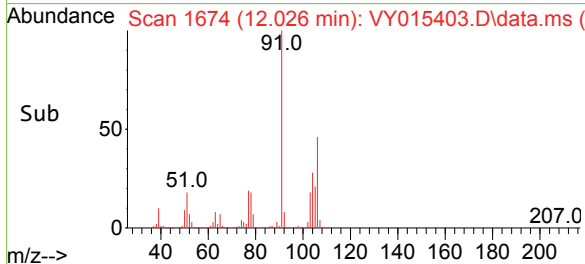
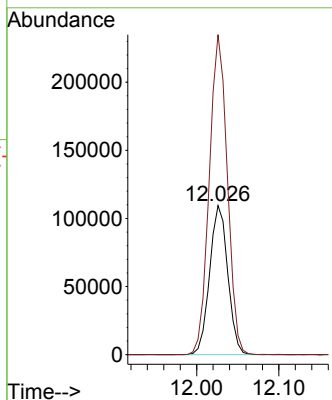
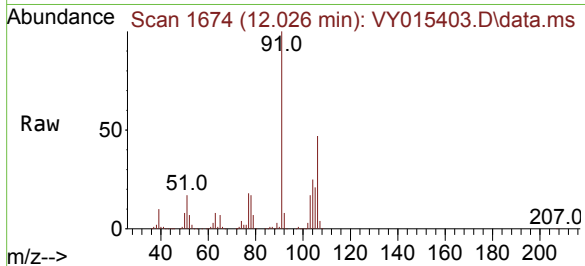




#69
o-Xylene
Concen: 48.506 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY015403.D
Acq: 31 Aug 2023 15:37

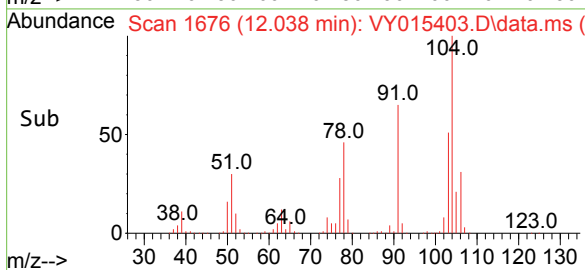
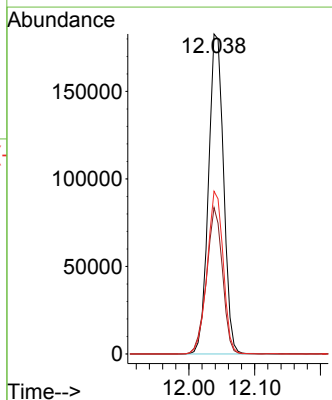
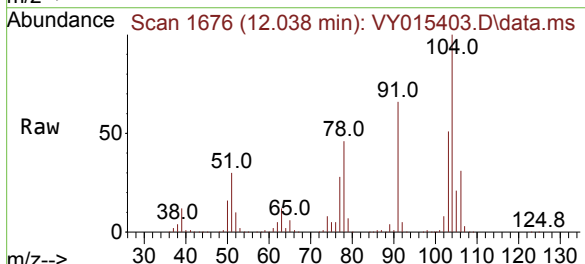
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

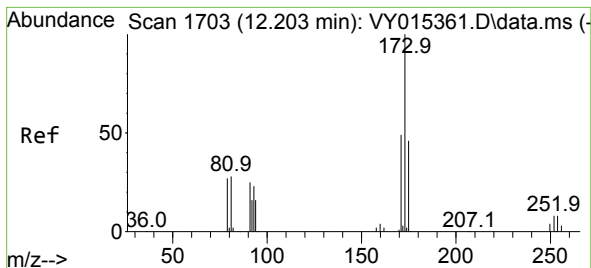
Tgt Ion:106 Resp: 167644
Ion Ratio Lower Upper
106 100
91 214.1 108.1 324.3



#70
Styrene
Concen: 50.349 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY015403.D
Acq: 31 Aug 2023 15:37

Tgt Ion:104 Resp: 292590
Ion Ratio Lower Upper
104 100
78 48.2 41.5 62.3
103 54.1 44.6 67.0





#71

Bromoform

Concen: 53.395 ug/l

RT: 12.203 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY015403.D

Acq: 31 Aug 2023 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

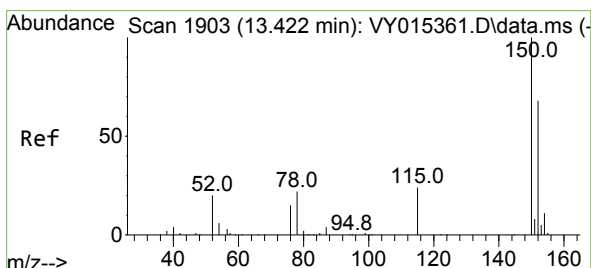
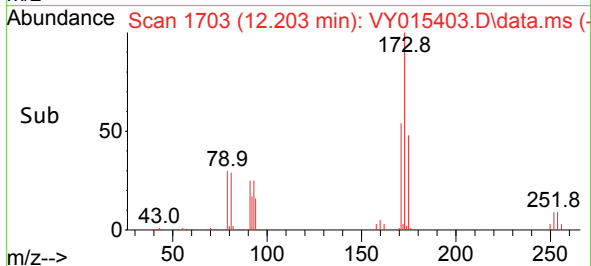
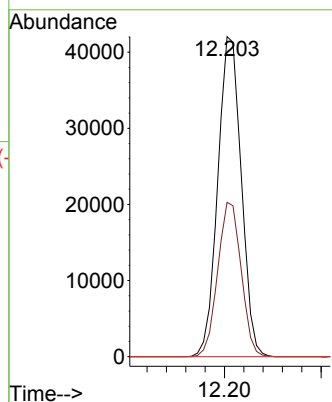
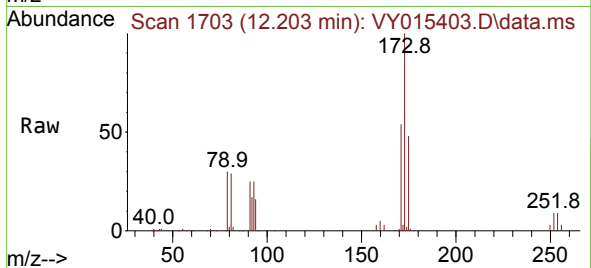
Tgt Ion:173 Resp: 70834

Ion Ratio Lower Upper

173 100

175 48.1 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY015403.D

Acq: 31 Aug 2023 15:37

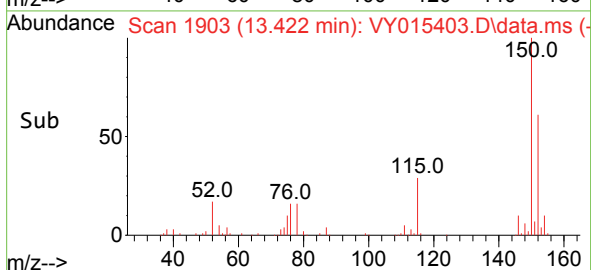
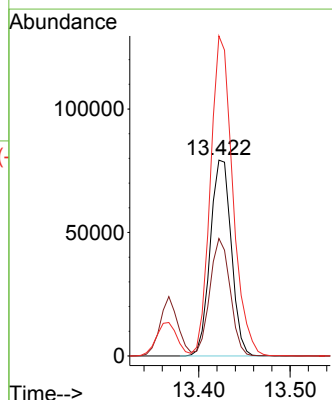
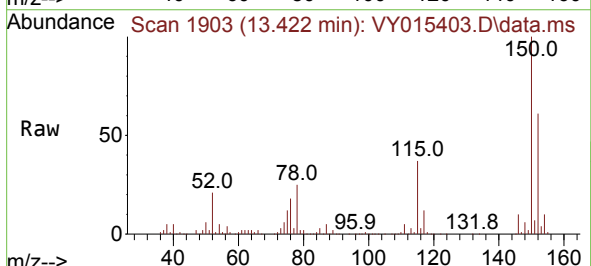
Tgt Ion:152 Resp: 127197

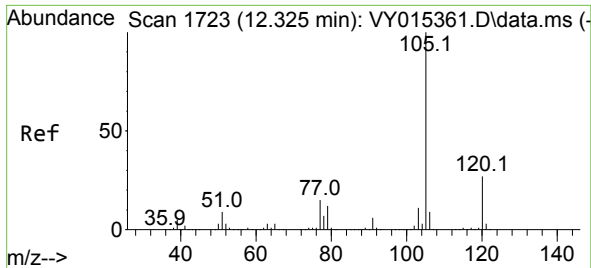
Ion Ratio Lower Upper

152 100

115 57.9 28.8 86.5

150 172.7 0.0 348.8

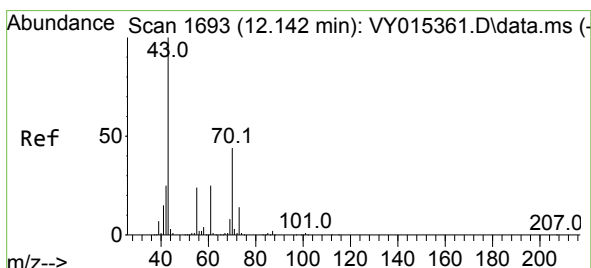
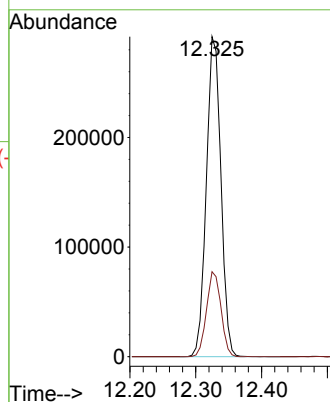
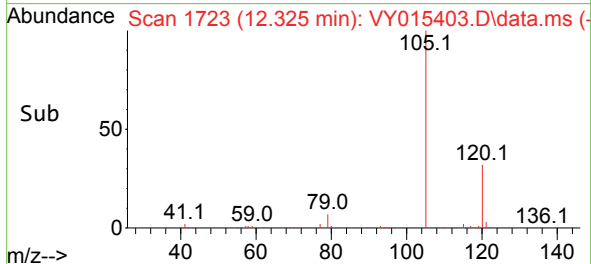
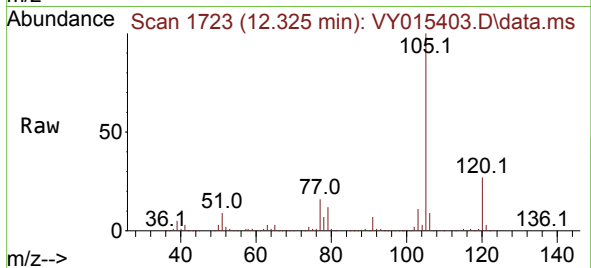




#73
Isopropylbenzene
Concen: 47.036 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY015403.D
Acq: 31 Aug 2023 15:37

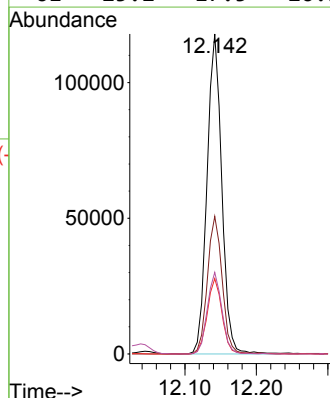
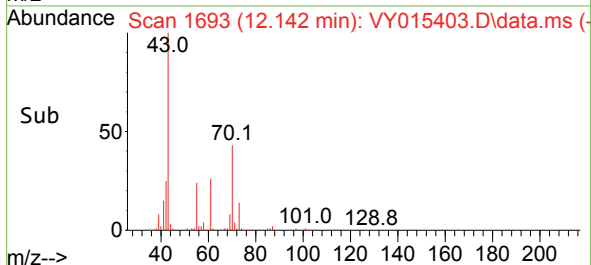
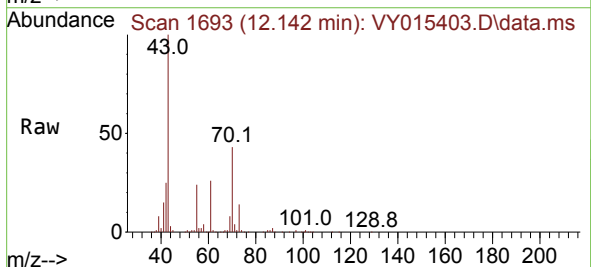
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

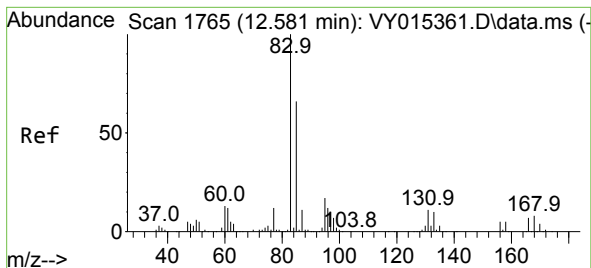
Tgt Ion:105 Resp: 449389
Ion Ratio Lower Upper
105 100
120 26.4 13.3 39.9



#74
N-ethyl acetate
Concen: 52.637 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY015403.D
Acq: 31 Aug 2023 15:37

Tgt Ion: 43 Resp: 168957
Ion Ratio Lower Upper
43 100
70 43.2 29.7 44.5
55 23.8 18.3 27.5
61 25.2 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 49.859 ug/l

RT: 12.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY015403.D

Acq: 31 Aug 2023 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

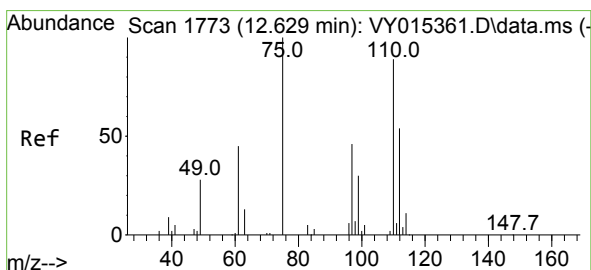
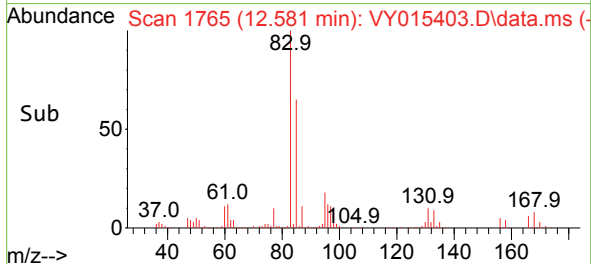
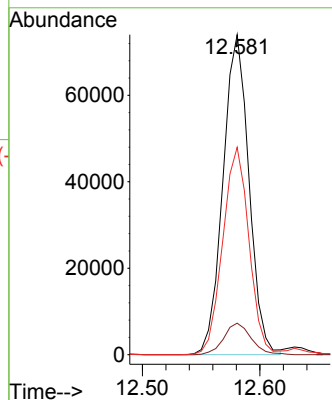
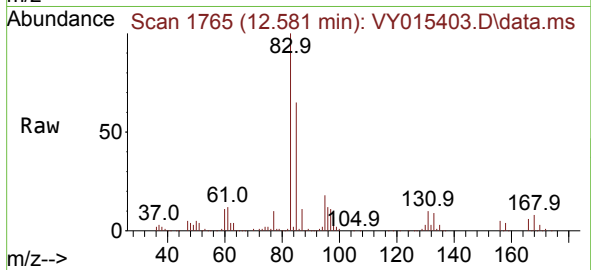
Tgt Ion: 83 Resp: 113717

Ion Ratio Lower Upper

83 100

131 10.4 5.4 16.2

85 65.5 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 92.949 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY015403.D

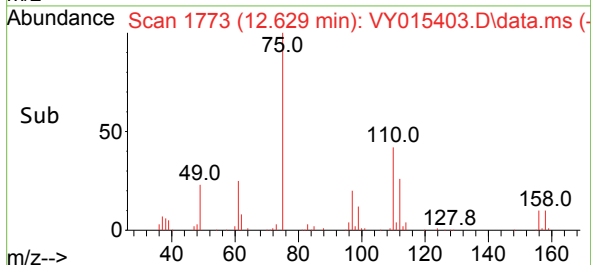
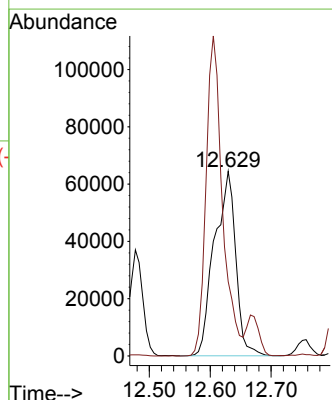
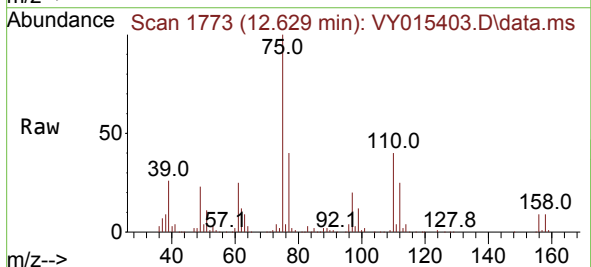
Acq: 31 Aug 2023 15:37

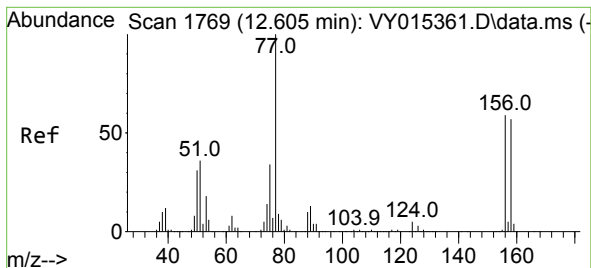
Tgt Ion: 75 Resp: 156784

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.192 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY015403.D

Acq: 31 Aug 2023 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

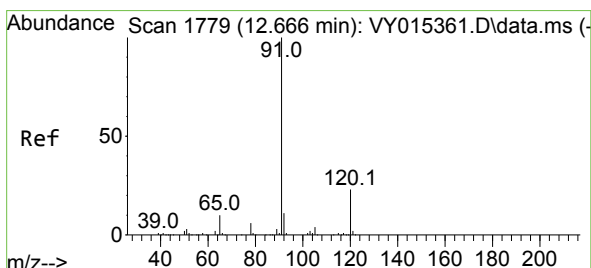
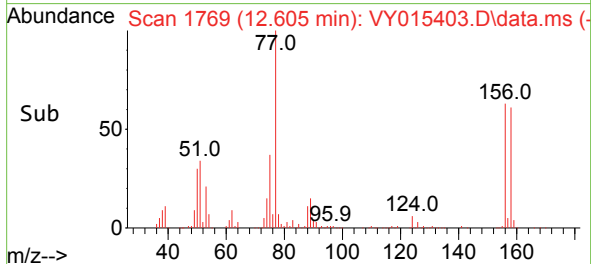
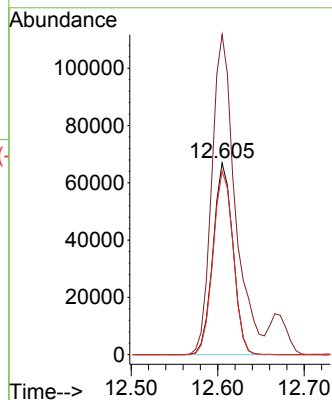
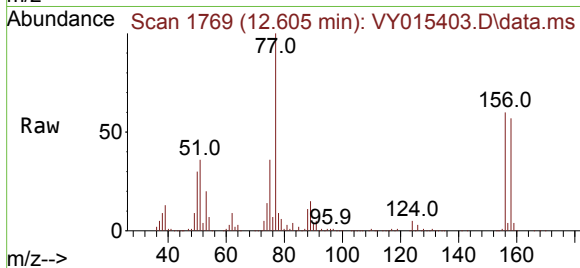
Tgt Ion:156 Resp: 106789

Ion Ratio Lower Upper

156 100

77 196.9 92.8 278.6

158 97.2 48.4 145.3



#78

n-propylbenzene

Concen: 47.699 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VY015403.D

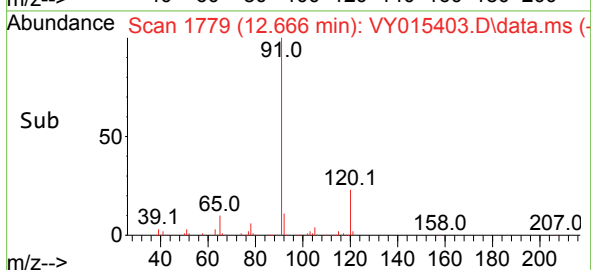
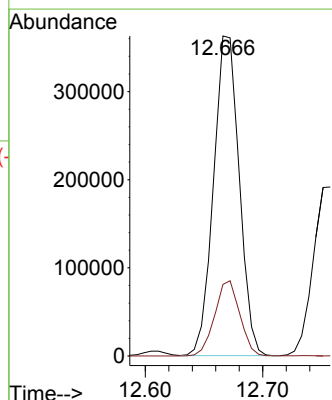
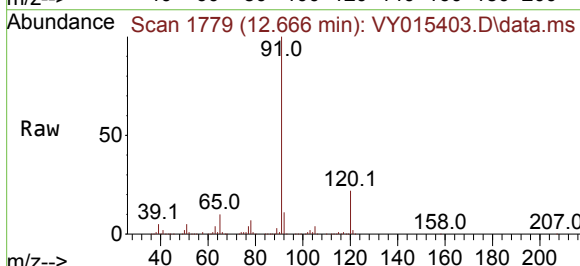
Acq: 31 Aug 2023 15:37

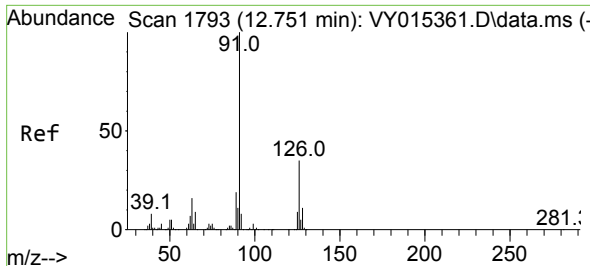
Tgt Ion: 91 Resp: 551438

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4

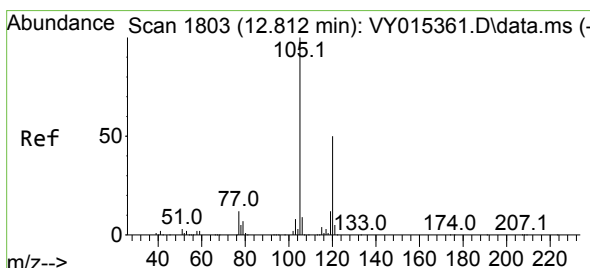
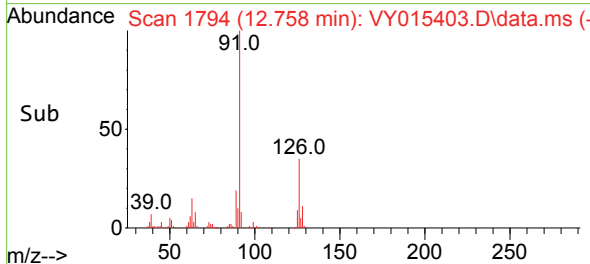
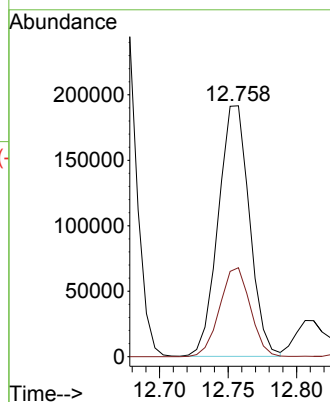
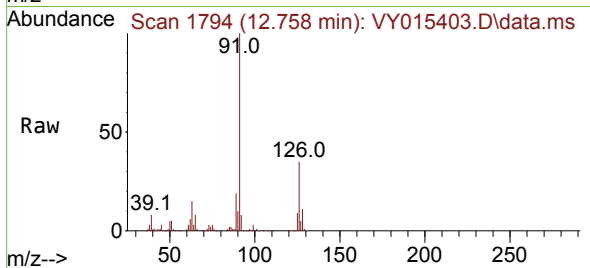




#79
2-Chlorotoluene
Concen: 46.930 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015403.D
Acq: 31 Aug 2023 15:37

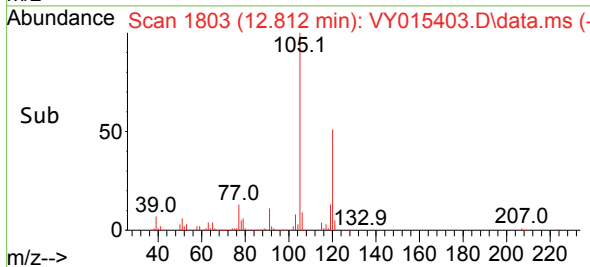
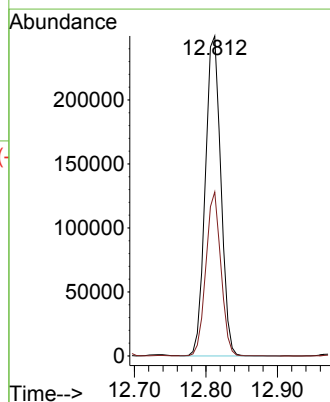
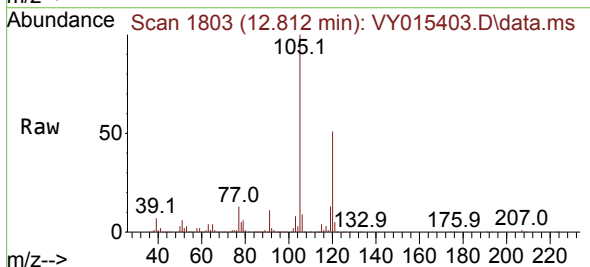
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

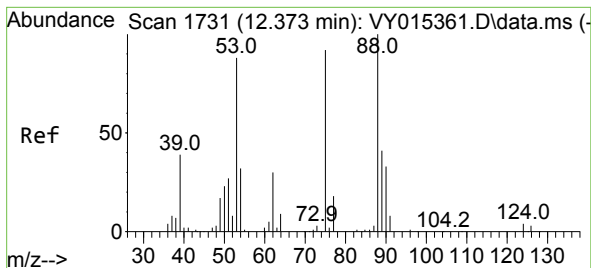
Tgt Ion: 91 Resp: 304309
Ion Ratio Lower Upper
91 100
126 34.8 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 47.199 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY015403.D
Acq: 31 Aug 2023 15:37

Tgt Ion: 105 Resp: 377190
Ion Ratio Lower Upper
105 100
120 49.6 23.9 71.7

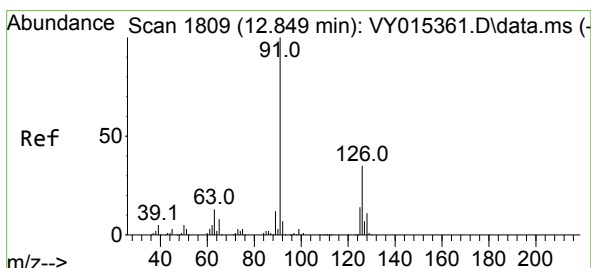
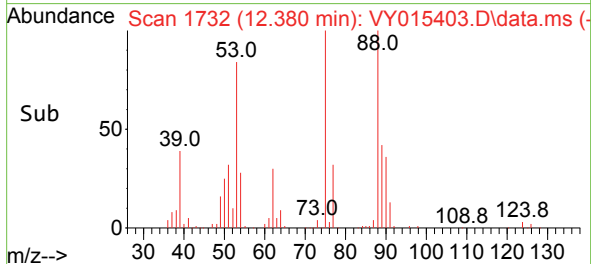
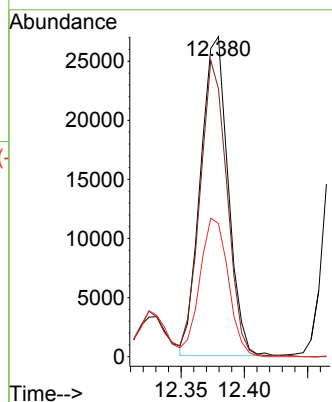
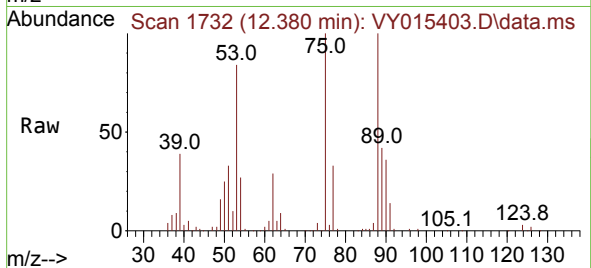




#81
trans-1,4-Dichloro-2-butene
Concen: 53.450 ug/l
RT: 12.380 min Scan# 1731
Delta R.T. -0.000 min
Lab File: VY015403.D
Acq: 31 Aug 2023 15:37

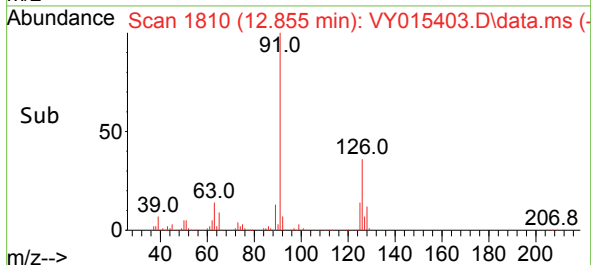
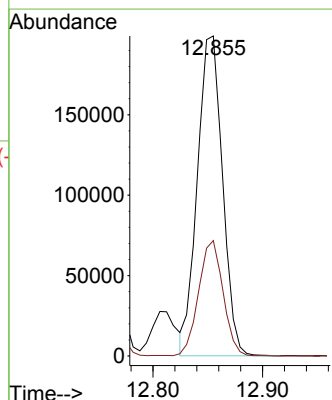
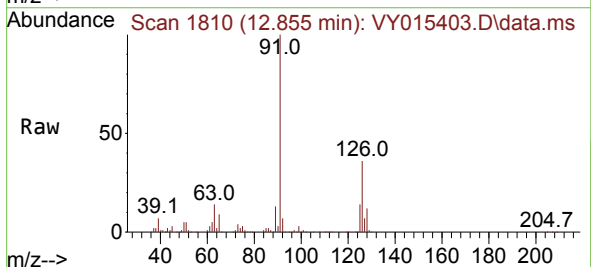
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

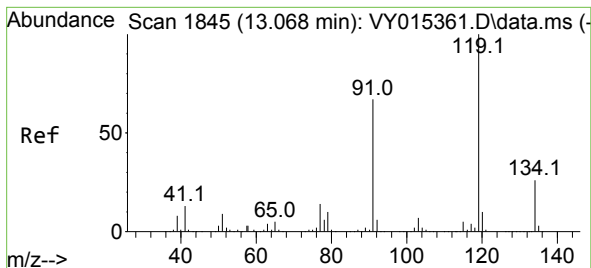
Tgt Ion: 75 Resp: 40871
Ion Ratio Lower Upper
75 100
53 90.6 77.8 116.8
89 44.9 37.4 56.0



#82
4-Chlorotoluene
Concen: 47.090 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY015403.D
Acq: 31 Aug 2023 15:37

Tgt Ion: 91 Resp: 317345
Ion Ratio Lower Upper
91 100
126 35.1 17.2 51.6





#83

tert-Butylbenzene

Concen: 46.809 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY015403.D

Acq: 31 Aug 2023 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

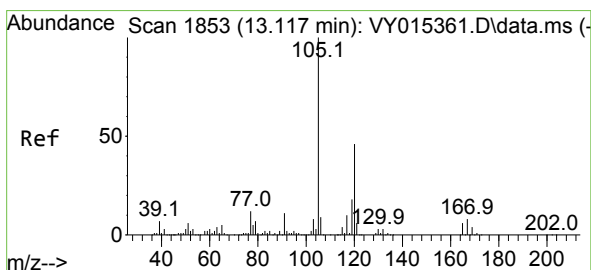
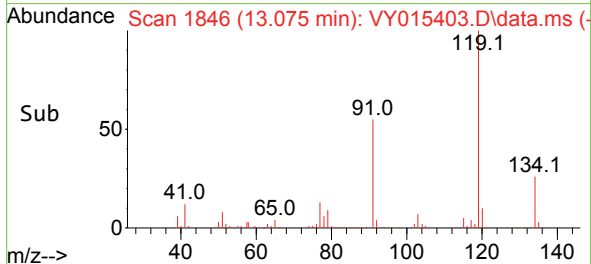
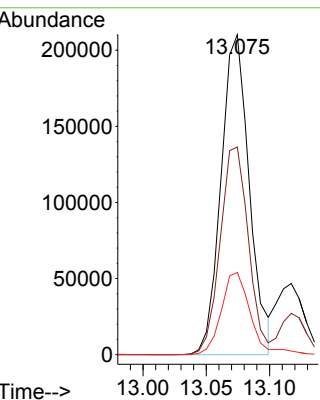
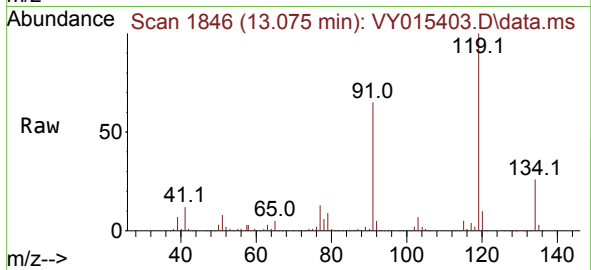
Tgt Ion:119 Resp: 327642

Ion Ratio Lower Upper

119 100

91 64.9 32.9 98.6

134 26.5 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 47.978 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY015403.D

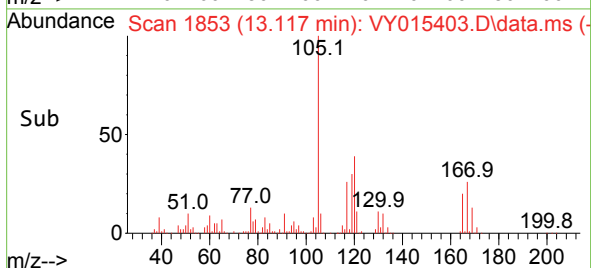
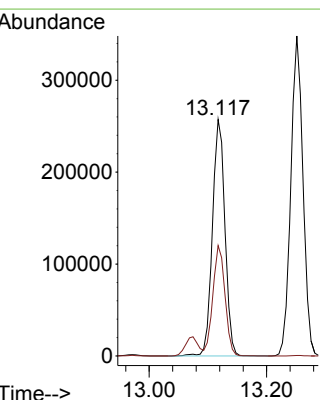
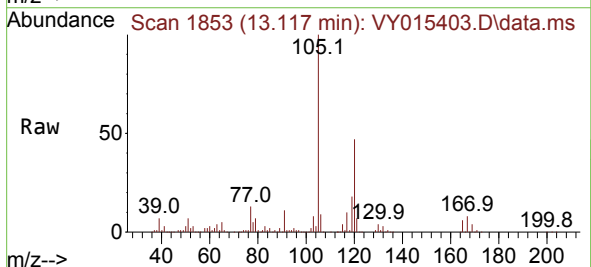
Acq: 31 Aug 2023 15:37

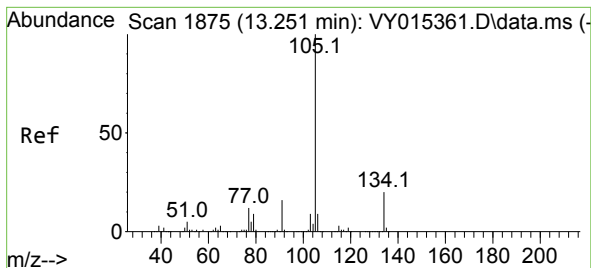
Tgt Ion:105 Resp: 380684

Ion Ratio Lower Upper

105 100

120 45.2 22.2 66.6





#85

sec-Butylbenzene

Concen: 47.738 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015403.D

Acq: 31 Aug 2023 15:37

Instrument :

MSVOA_Y

ClientSampleId :

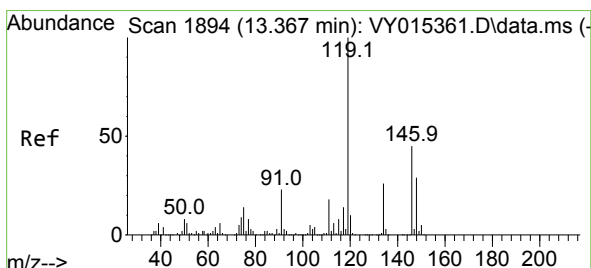
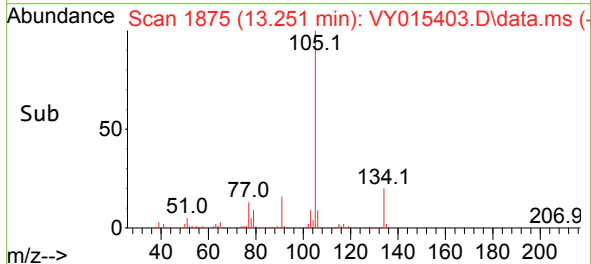
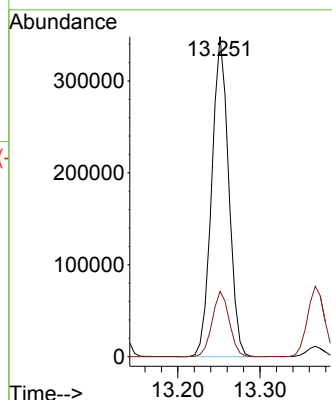
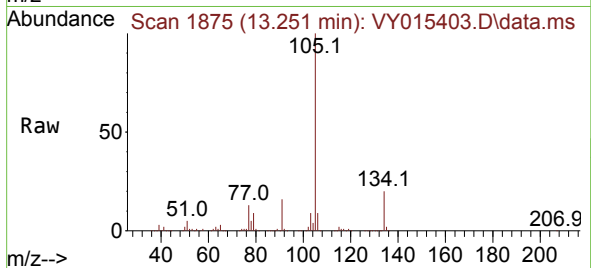
VSTDCCC050EC

Tgt Ion:105 Resp: 498390

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.6



#86

p-Isopropyltoluene

Concen: 47.779 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015403.D

Acq: 31 Aug 2023 15:37

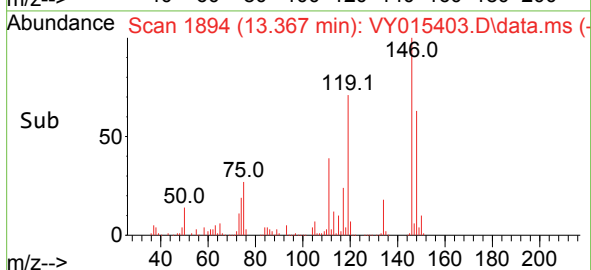
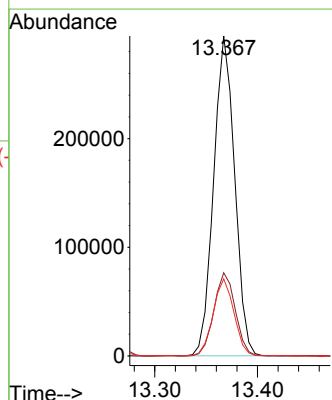
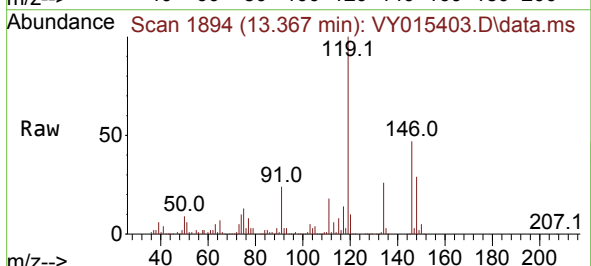
Tgt Ion:119 Resp: 418061

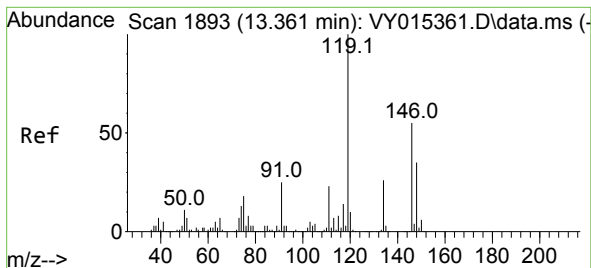
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 23.9 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 47.359 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015403.D

Acq: 31 Aug 2023 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

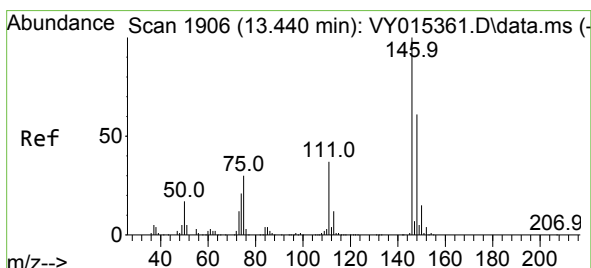
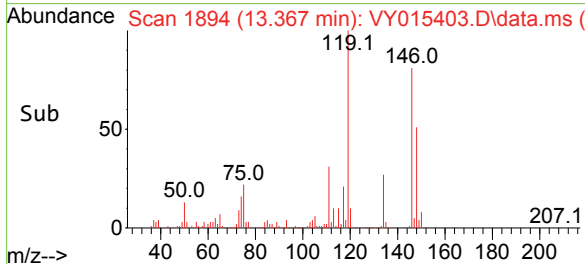
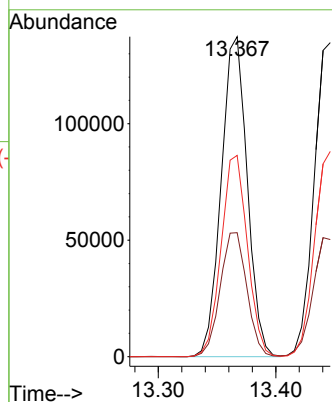
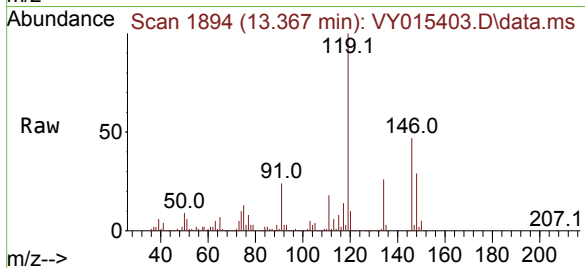
Tgt Ion:146 Resp: 211568

Ion Ratio Lower Upper

146 100

111 39.7 19.4 58.2

148 63.5 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 46.889 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY015403.D

Acq: 31 Aug 2023 15:37

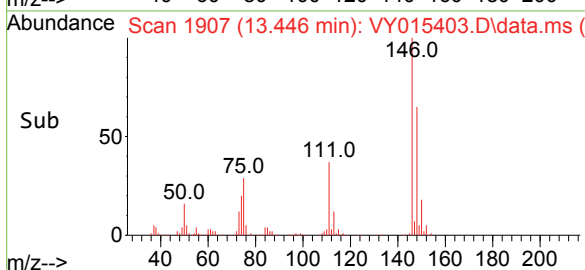
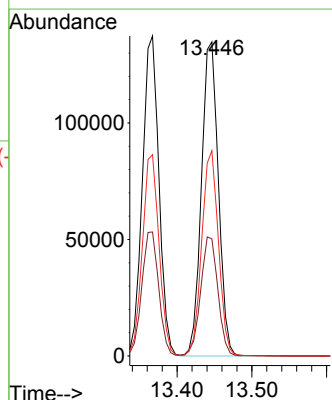
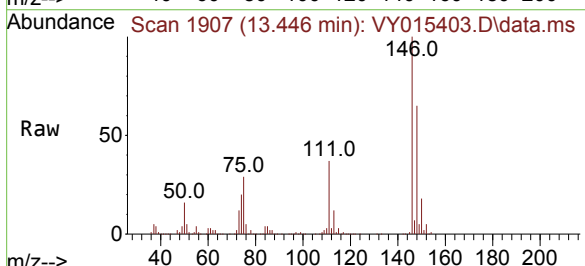
Tgt Ion:146 Resp: 211743

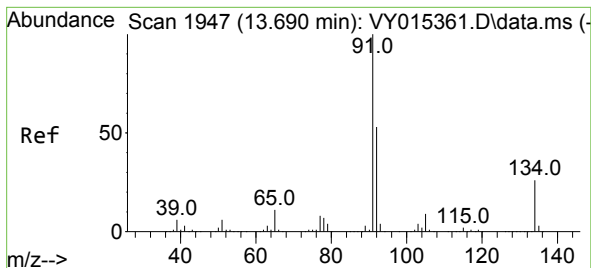
Ion Ratio Lower Upper

146 100

111 38.5 18.9 56.7

148 64.5 32.1 96.5





#89

n-Butylbenzene

Concen: 48.549 ug/l

RT: 13.696 min Scan# 1947

Delta R.T. -0.000 min

Lab File: VY015403.D

Acq: 31 Aug 2023 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

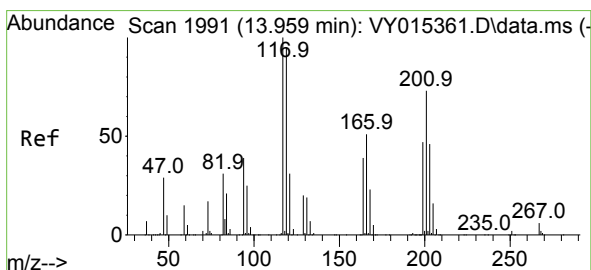
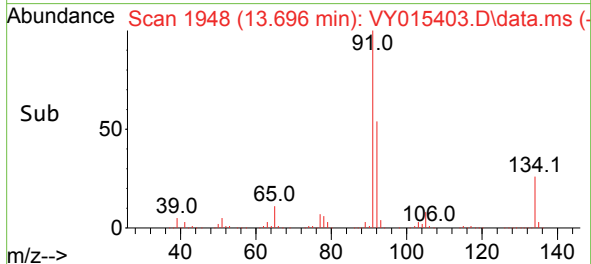
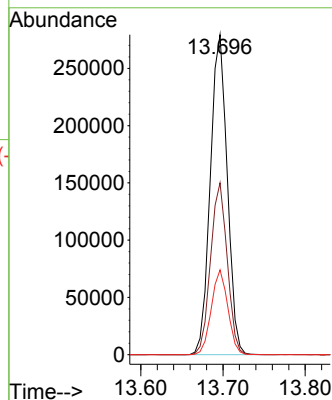
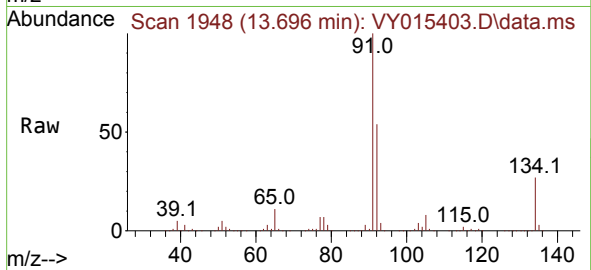
Tgt Ion: 91 Resp: 399826

Ion Ratio Lower Upper

91 100

92 52.9 25.4 76.0

134 25.9 12.6 37.6



#90

Hexachloroethane

Concen: 48.776 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY015403.D

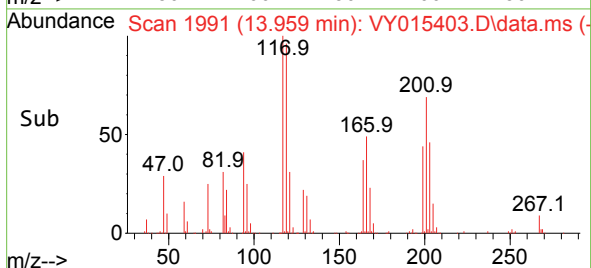
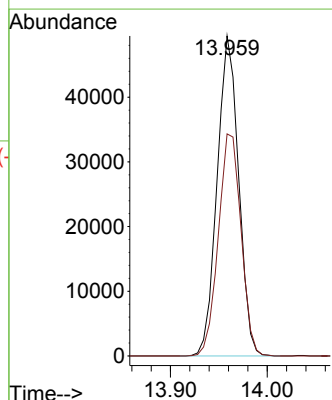
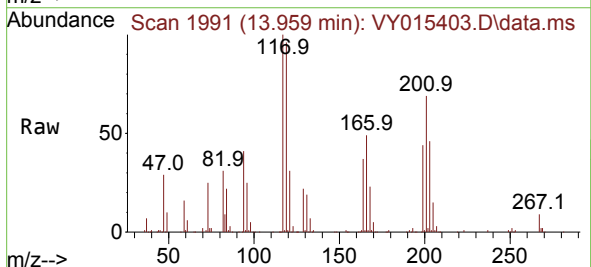
Acq: 31 Aug 2023 15:37

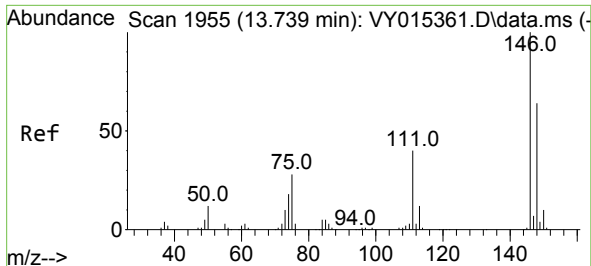
Tgt Ion: 117 Resp: 76331

Ion Ratio Lower Upper

117 100

201 73.3 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 47.567 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY015403.D

Acq: 31 Aug 2023 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

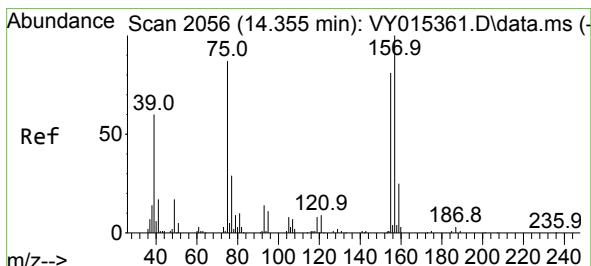
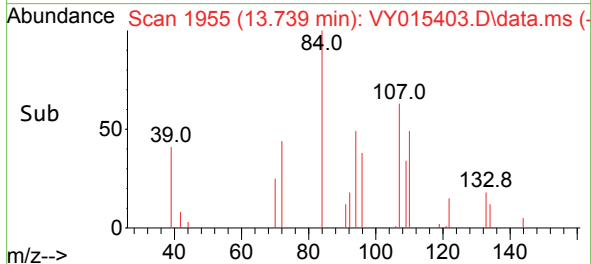
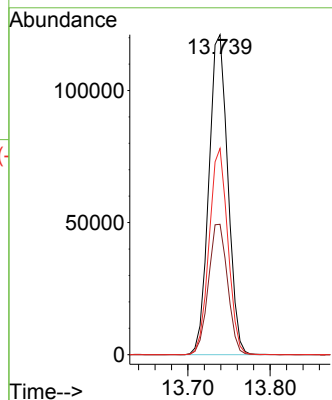
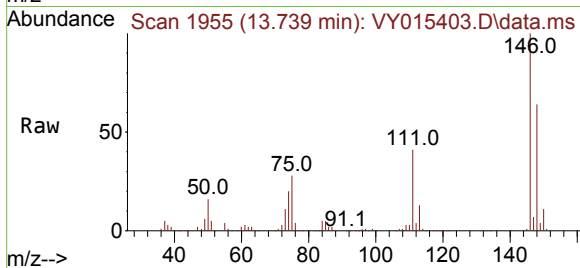
Tgt Ion:146 Resp: 193923

Ion Ratio Lower Upper

146 100

111 41.3 19.7 59.0

148 63.5 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.341 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY015403.D

Acq: 31 Aug 2023 15:37

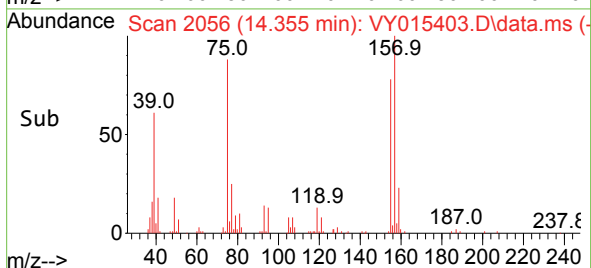
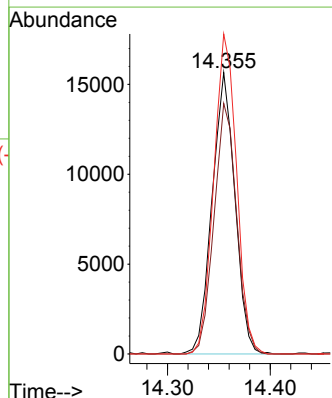
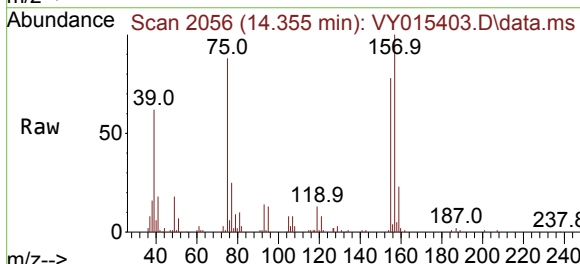
Tgt Ion: 75 Resp: 24066

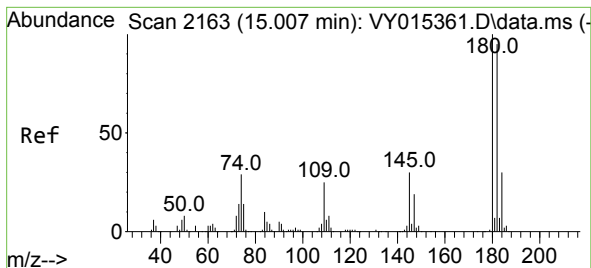
Ion Ratio Lower Upper

75 100

155 88.2 41.5 124.6

157 113.6 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 49.147 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY015403.D

Acq: 31 Aug 2023 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

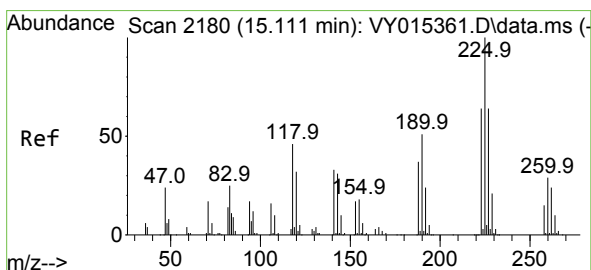
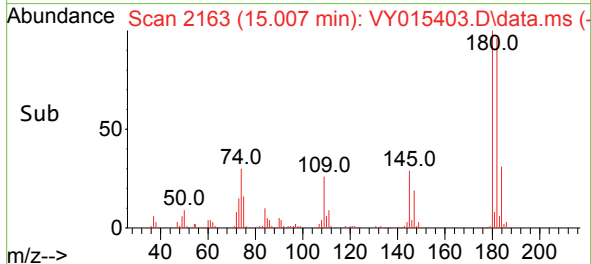
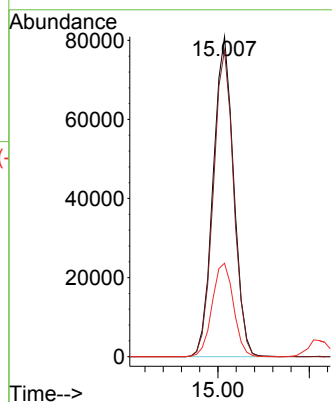
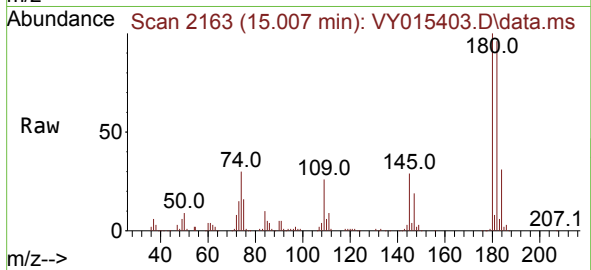
Tgt Ion:180 Resp: 125831

Ion Ratio Lower Upper

180 100

182 95.1 47.0 141.2

145 30.4 14.5 43.5



#94

Hexachlorobutadiene

Concen: 47.626 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY015403.D

Acq: 31 Aug 2023 15:37

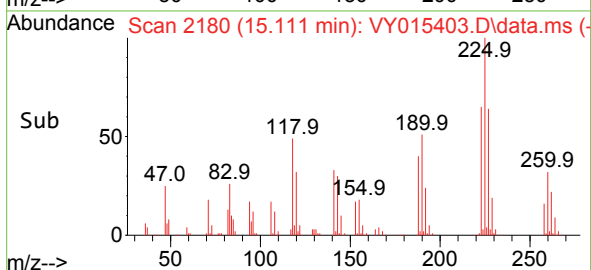
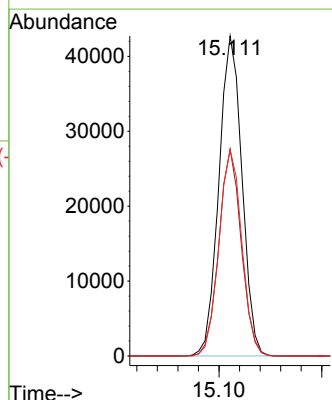
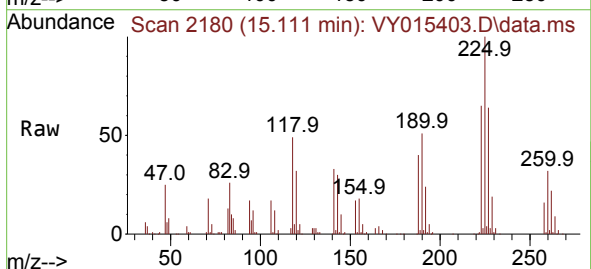
Tgt Ion:225 Resp: 66491

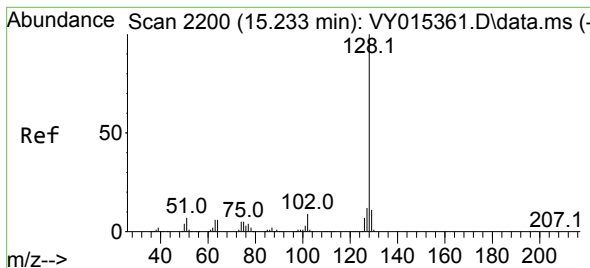
Ion Ratio Lower Upper

225 100

223 62.7 31.9 95.9

227 63.7 33.0 98.9





#95

Naphthalene

Concen: 52.365 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY015403.D

Acq: 31 Aug 2023 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

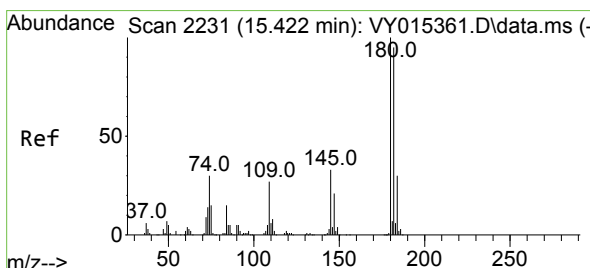
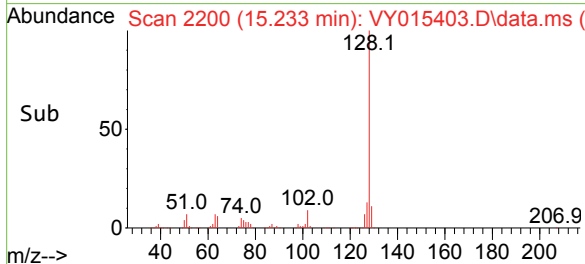
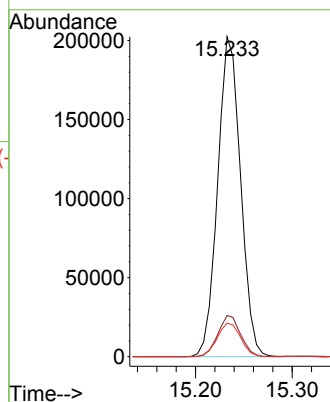
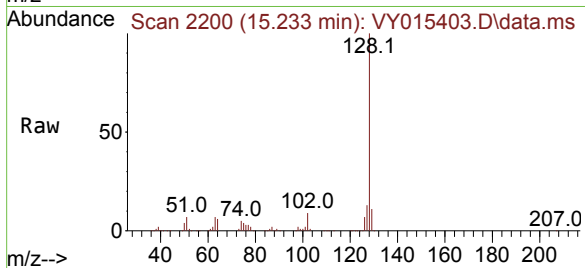
Tgt Ion:128 Resp: 332109

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 49.418 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY015403.D

Acq: 31 Aug 2023 15:37

Tgt Ion:180 Resp: 115408

Ion Ratio Lower Upper

180 100

182 94.5 47.3 141.8

145 32.3 15.4 46.2

