

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061223\
 Data File : VY014129.D
 Acq On : 12 Jun 2023 18:39
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 13 05:45:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	180186	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	272880	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	261779	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	148356	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	121850	48.563	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.120%
35) Dibromofluoromethane	7.716	113	102264	52.844	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.680%
50) Toluene-d8	10.179	98	355471	49.133	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.260%
62) 4-Bromofluorobenzene	12.483	95	135118	52.574	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	84767	42.212	ug/l	93
3) Chloromethane	2.113	50	99699	39.155	ug/l	99
4) Vinyl Chloride	2.253	62	101404	40.962	ug/l	97
5) Bromomethane	2.650	94	87214	42.698	ug/l	100
6) Chloroethane	2.796	64	70644	41.995	ug/l	95
7) Trichlorofluoromethane	3.125	101	188372	46.838	ug/l	99
8) Diethyl Ether	3.534	74	62185	46.306	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	93924	46.274	ug/l	98
10) Methyl Iodide	4.095	142	105355	39.309	ug/l	96
11) Tert butyl alcohol	4.966	59	66762	228.037	ug/l #	88
12) 1,1-Dichloroethene	3.875	96	88538	43.036	ug/l	95
13) Acrolein	3.735	56	28444	243.561	ug/l	95
14) Allyl chloride	4.479	41	159174	42.683	ug/l	96
15) Acrylonitrile	5.168	53	171969	248.268	ug/l	99
16) Acetone	3.954	43	146828	194.133	ug/l	95
17) Carbon Disulfide	4.198	76	240668	36.100	ug/l	98
18) Methyl Acetate	4.479	43	134596	45.848	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	303507	50.020	ug/l	99
20) Methylene Chloride	4.710	84	131399	54.760	ug/l	97
21) trans-1,2-Dichloroethene	5.222	96	102599	44.713	ug/l	98
22) Diisopropyl ether	6.119	45	362713	50.799	ug/l	98
23) Vinyl Acetate	6.064	43	1063832	252.522	ug/l	99
24) 1,1-Dichloroethane	6.015	63	200357	48.668	ug/l	97
25) 2-Butanone	6.990	43	222374	238.854	ug/l	99
26) 2,2-Dichloropropane	6.978	77	176658	45.688	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	123966	48.294	ug/l	97
28) Bromochloromethane	7.338	49	80843	48.289	ug/l	96
29) Tetrahydrofuran	7.350	42	146834	248.719	ug/l	96
30) Chloroform	7.509	83	222684	50.987	ug/l	98
31) Cyclohexane	7.789	56	143948	42.826	ug/l	96
32) 1,1,1-Trichloroethane	7.704	97	192556	48.883	ug/l	99
36) 1,1-Dichloropropene	7.917	75	146066	48.414	ug/l	100
37) Ethyl Acetate	7.076	43	107835	51.802	ug/l	100
38) Carbon Tetrachloride	7.899	117	177517	50.988	ug/l	98
39) Methylcyclohexane	9.185	83	157444	47.035	ug/l	99
40) Benzene	8.161	78	445073	49.610	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	59487	55.993	ug/l	88
42) 1,2-Dichloroethane	8.240	62	163329	51.483	ug/l	99
43) Isopropyl Acetate	8.271	43	189822	52.027	ug/l	99
44) Trichloroethene	8.941	130	118339	49.371	ug/l	95
45) 1,2-Dichloropropane	9.216	63	117723	51.662	ug/l	100
46) Dibromomethane	9.307	93	73809	52.620	ug/l	100
47) Bromodichloromethane	9.496	83	177713	54.110	ug/l	100
48) Methyl methacrylate	9.295	41	91505	53.772	ug/l	99
49) 1,4-Dioxane	9.319	88	20479	1149.005	ug/l #	42
51) 4-Methyl-2-Pentanone	10.069	43	555424	280.205	ug/l	100
52) Toluene	10.246	92	287815	51.753	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	180341	52.160	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	195421	51.805	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	99171	53.304	ug/l	98
56) Ethyl methacrylate	10.508	69	137932	53.750	ug/l	98
57) 1,3-Dichloropropane	10.788	76	166120	52.207	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	314931	271.824	ug/l	98
59) 2-Hexanone	10.831	43	388749	271.536	ug/l	99
60) Dibromochloromethane	10.984	129	129214	54.263	ug/l	99
61) 1,2-Dibromoethane	11.087	107	97745	53.234	ug/l	99
64) Tetrachloroethene	10.721	164	109288	48.979	ug/l	96
65) Chlorobenzene	11.514	112	314363	49.977	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	128030	51.749	ug/l	99
67) Ethyl Benzene	11.593	91	553935	50.311	ug/l	99
68) m/p-Xylenes	11.703	106	433193	102.289	ug/l	99
69) o-Xylene	12.026	106	207609	51.851	ug/l	99
70) Styrene	12.044	104	361582	52.912	ug/l	99
71) Bromoform	12.209	173	92521	54.605	ug/l #	98
73) Isopropylbenzene	12.331	105	544360	48.099	ug/l	100
74) N-amyl acetate	12.142	43	178875	49.875	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	128181	50.687	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	168600	86.622	ug/l #	100
77) Bromobenzene	12.605	156	142231	47.815	ug/l	98
78) n-propylbenzene	12.672	91	673804	48.744	ug/l	99
79) 2-Chlorotoluene	12.758	91	382052	48.033	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	470279	48.529	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	44787	49.739	ug/l	98
82) 4-Chlorotoluene	12.855	91	410174	48.663	ug/l	99
83) tert-Butylbenzene	13.075	119	405315	49.218	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	473078	49.317	ug/l	100
85) sec-Butylbenzene	13.251	105	586343	48.974	ug/l	100
86) p-Isopropyltoluene	13.367	119	496861	48.490	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	275569	48.521	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	275095	48.075	ug/l	100
89) n-Butylbenzene	13.696	91	463690	48.790	ug/l	99
90) Hexachloroethane	13.959	117	99478	48.721	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	252272	49.457	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	23870	49.566	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	159174	49.260	ug/l	98
94) Hexachlorobutadiene	15.111	225	94905	50.873	ug/l	97
95) Naphthalene	15.233	128	332582	50.708	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	144802	49.592	ug/l	100

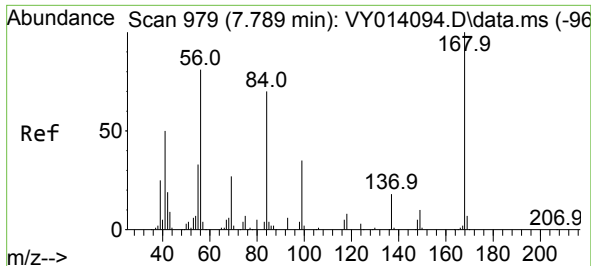
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061223\
Data File : VY014129.D
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Quant Title : SW846 8260
QLast Update : Fri Jun 09 18:07:13 2023
Response via : Initial Calibration

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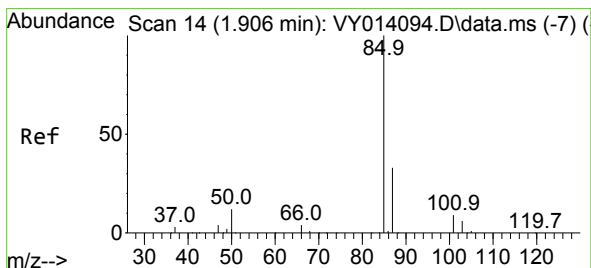
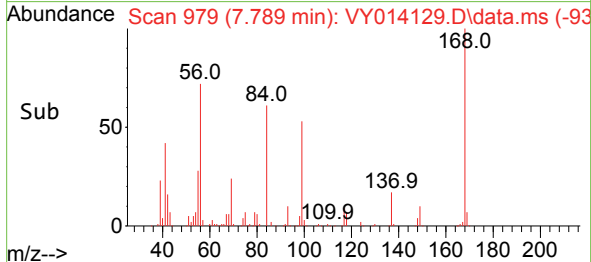
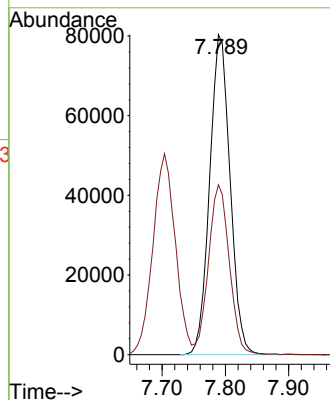
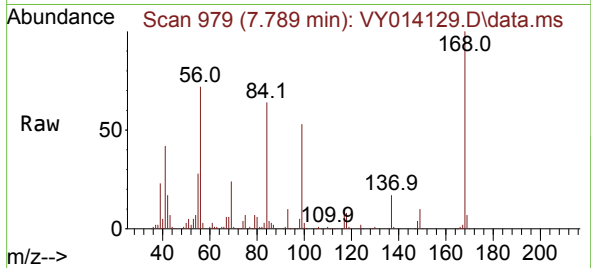
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014129.D
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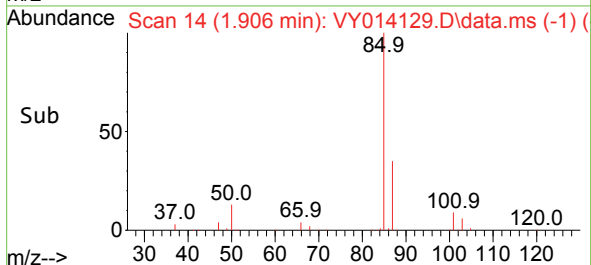
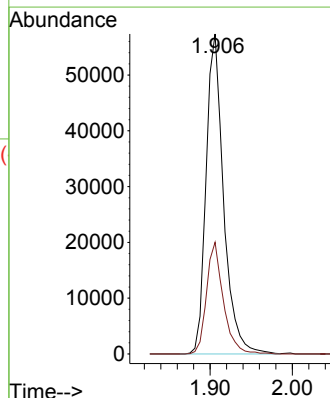
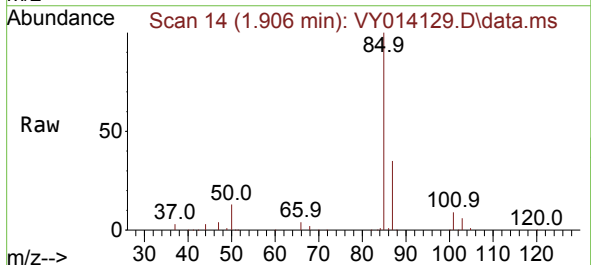
Instrument :
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ClientSampleId :
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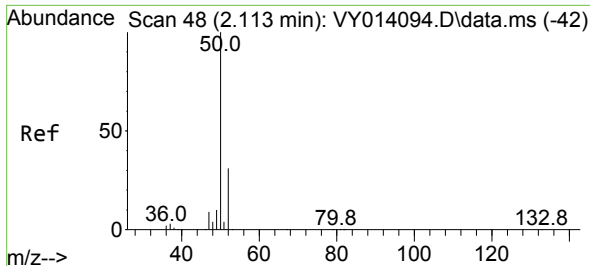
Tgt Ion:168 Resp: 180186
Ion Ratio Lower Upper
168 100
99 53.1 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 42.212 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

Tgt Ion: 85 Resp: 84767
Ion Ratio Lower Upper
85 100
87 34.9 15.6 46.8

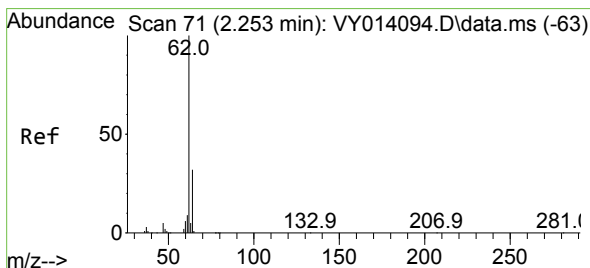
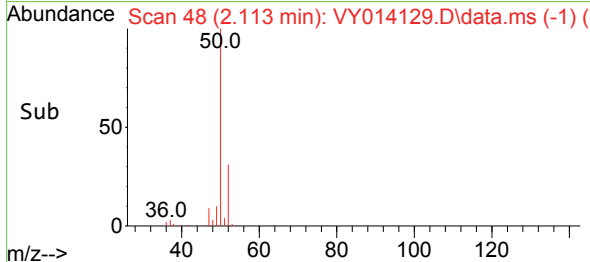
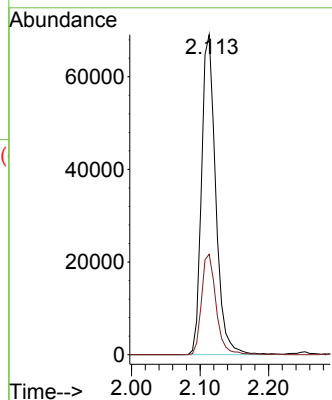
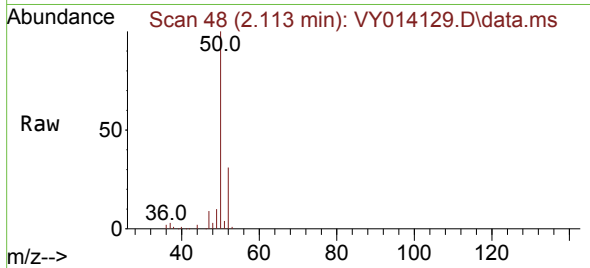




#3
Chloromethane
Concen: 39.155 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

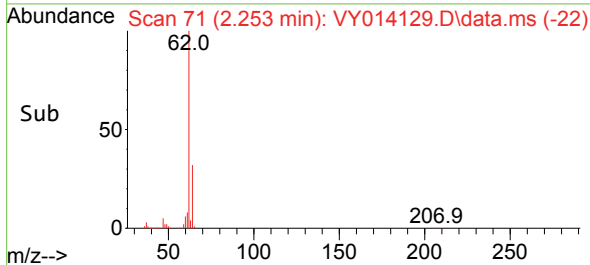
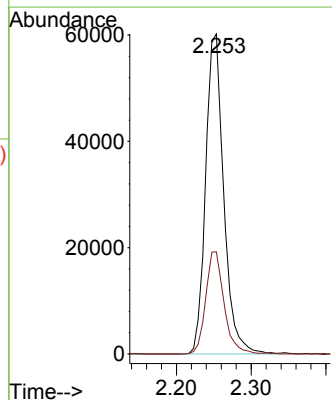
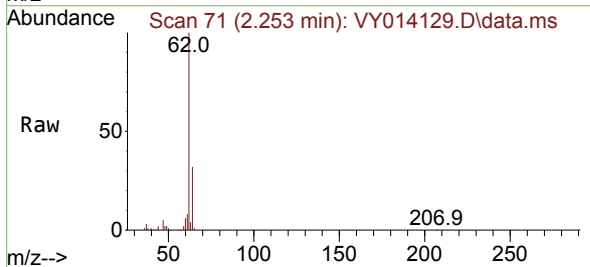
Instrument :
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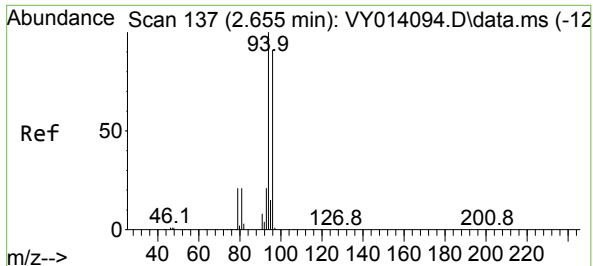
Tgt Ion: 50 Resp: 99699
Ion Ratio Lower Upper
50 100
52 31.4 25.4 38.2



#4
Vinyl Chloride
Concen: 40.962 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

Tgt Ion: 62 Resp: 101404
Ion Ratio Lower Upper
62 100
64 31.9 24.3 36.5

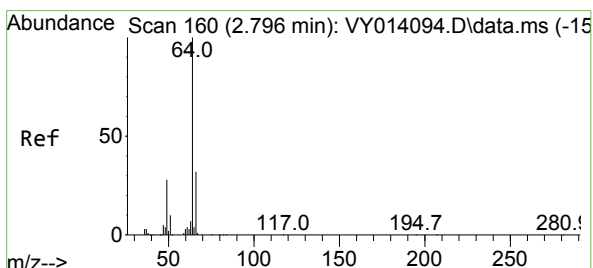
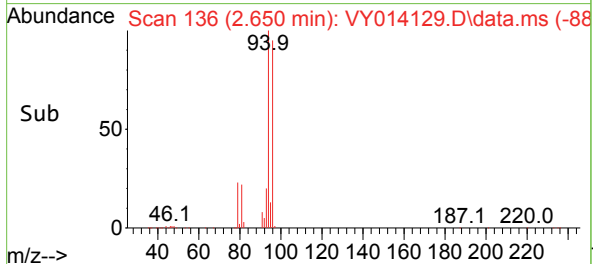
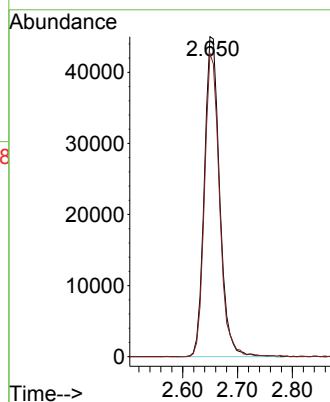
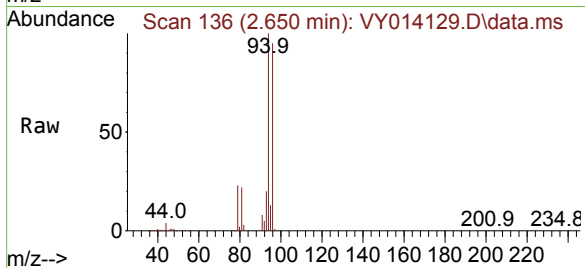




#5
Bromomethane
Concen: 42.698 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

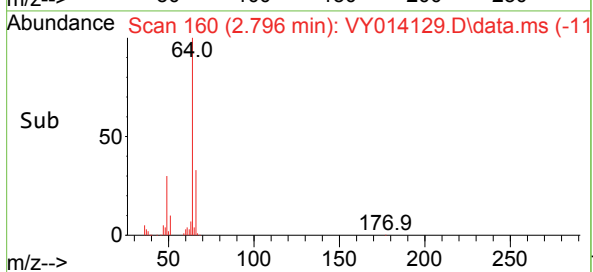
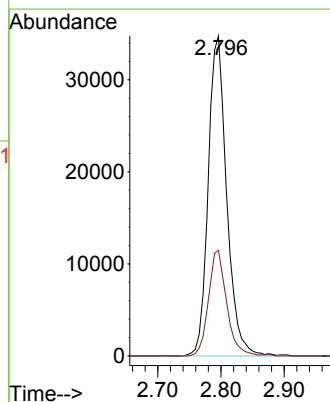
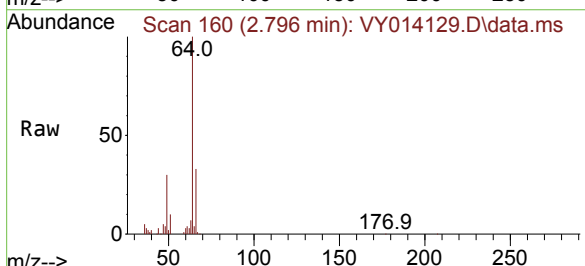
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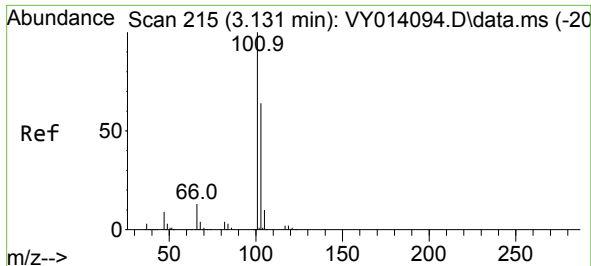
Tgt Ion: 94 Resp: 87214
Ion Ratio Lower Upper
94 100
96 94.7 75.8 113.6



#6
Chloroethane
Concen: 41.995 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

Tgt Ion: 64 Resp: 70644
Ion Ratio Lower Upper
64 100
66 33.0 24.4 36.6

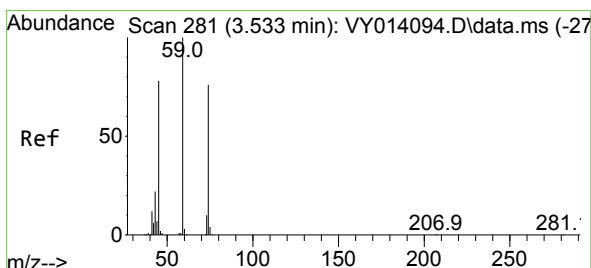
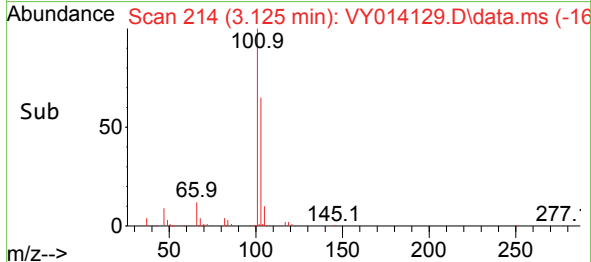
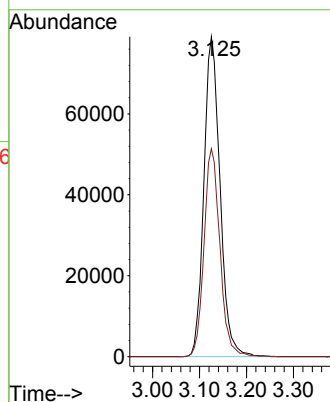
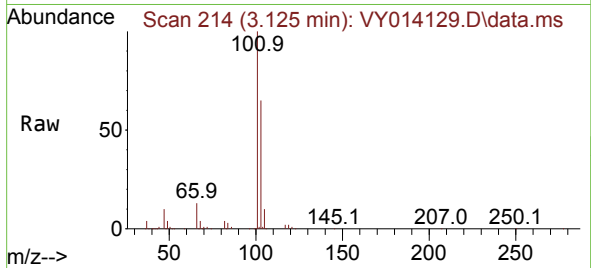




#7
 Trichlorofluoromethane
 Concen: 46.838 ug/l
 RT: 3.125 min Scan# 215
 Delta R.T. -0.006 min
 Lab File: VY014129.D
 Acq: 12 Jun 2023 18:39

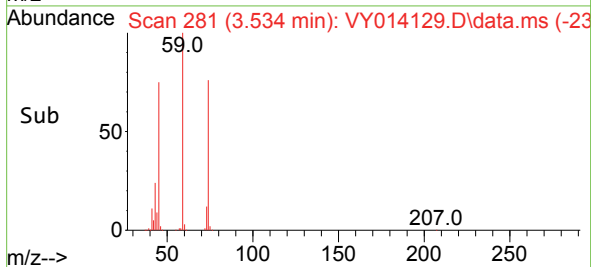
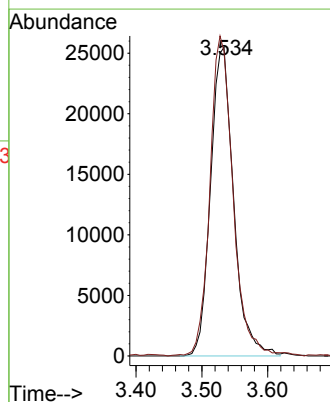
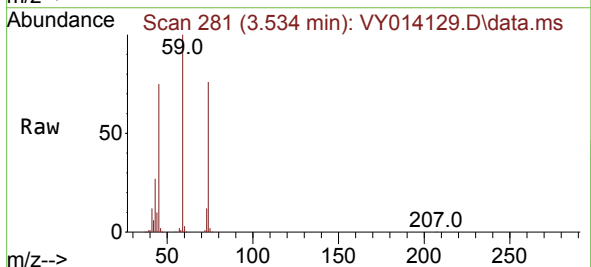
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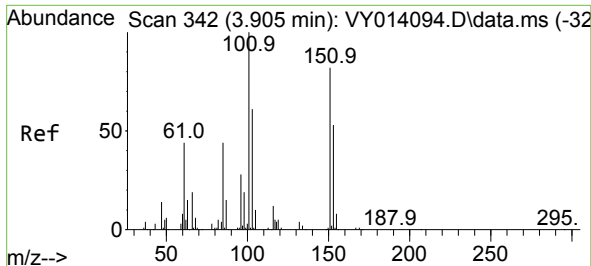
Tgt Ion:101 Resp: 188372
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.4 77.0



#8
 Diethyl Ether
 Concen: 46.306 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.001 min
 Lab File: VY014129.D
 Acq: 12 Jun 2023 18:39

Tgt Ion: 74 Resp: 62185
 Ion Ratio Lower Upper
 74 100
 45 104.2 51.5 154.5

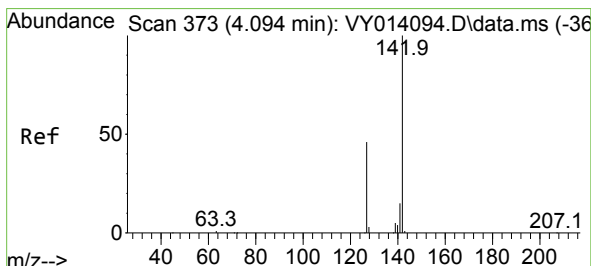
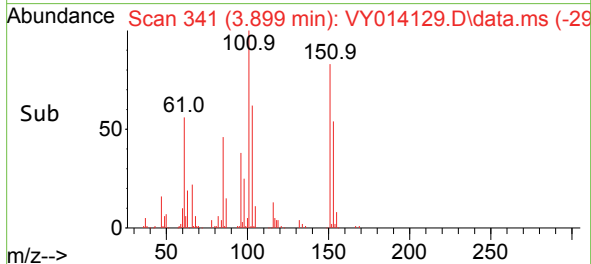
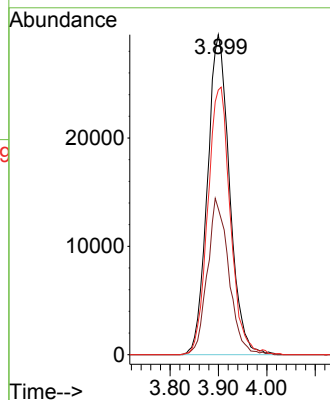
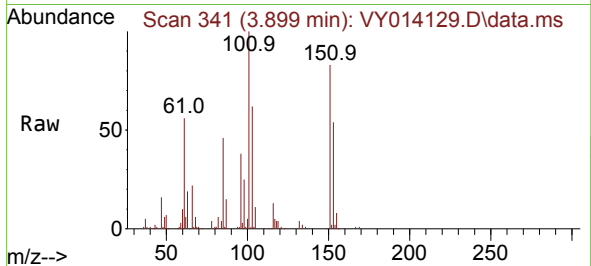




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.274 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY014129.D
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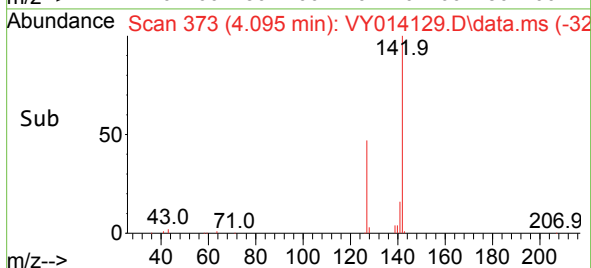
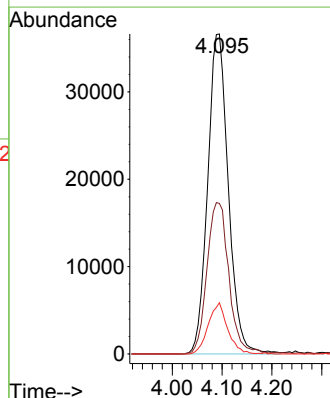
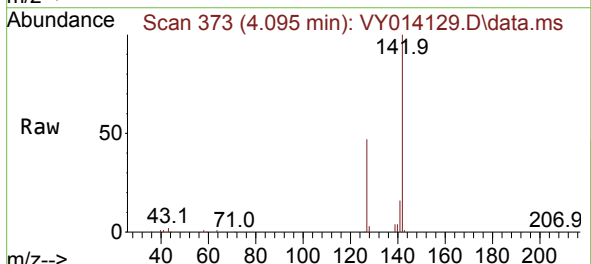
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

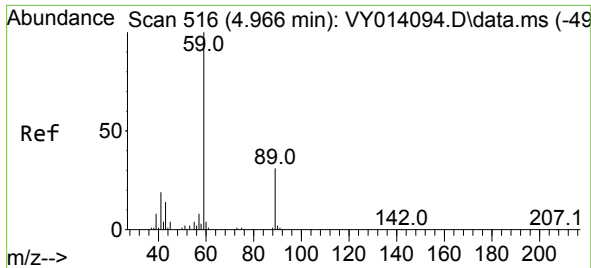
Tgt Ion:101 Resp: 93924
Ion Ratio Lower Upper
101 100
85 47.4 36.6 55.0
151 85.2 67.0 100.6



#10
Methyl Iodide
Concen: 39.309 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.001 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

Tgt Ion:142 Resp: 105355
Ion Ratio Lower Upper
142 100
127 50.1 37.6 56.4
141 15.0 11.8 17.8

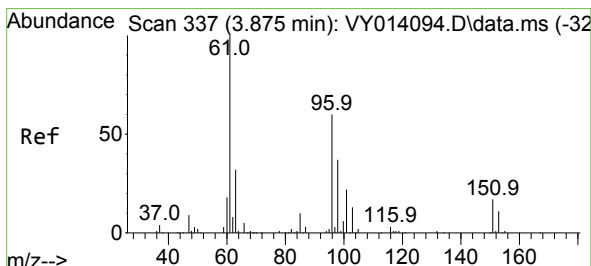
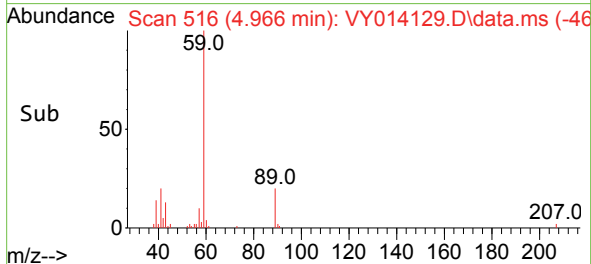
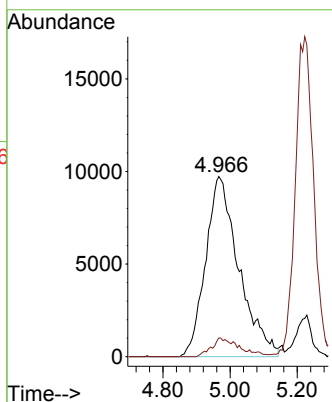
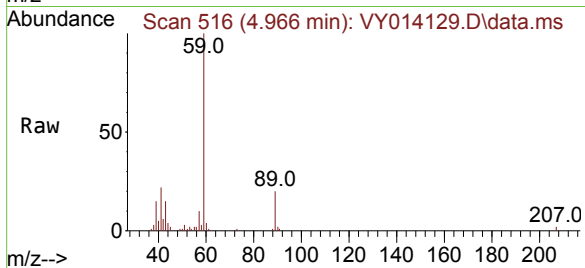




#11
Tert butyl alcohol
Concen: 228.037 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

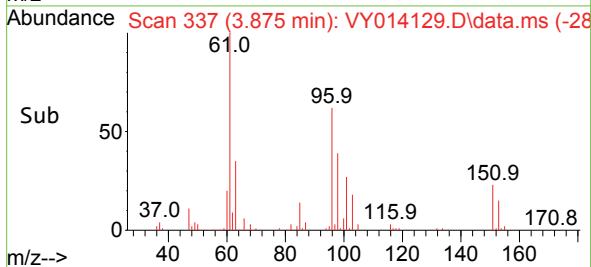
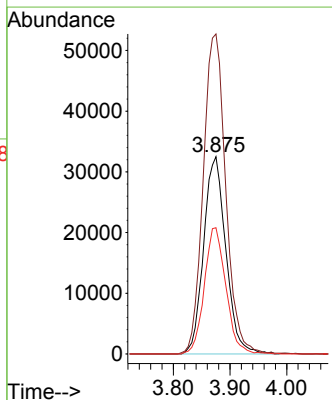
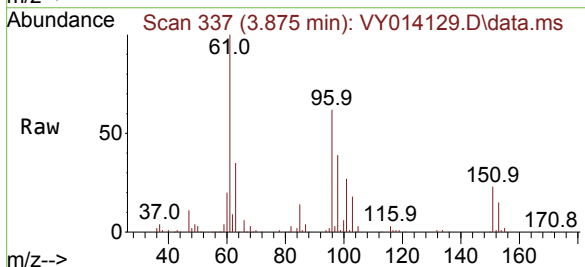
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

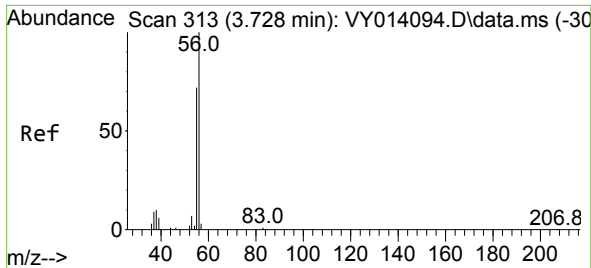
Tgt Ion: 59 Resp: 66762
Ion Ratio Lower Upper
59 100
57 7.6 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 43.036 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

Tgt Ion: 96 Resp: 88538
Ion Ratio Lower Upper
96 100
61 162.2 136.4 204.6
98 64.0 49.4 74.2





#13

Acrolein

Concen: 243.561 ug/l

RT: 3.735 min Scan# 313

Delta R.T. 0.007 min

Lab File: VY014129.D

Acq: 12 Jun 2023 18:39

Instrument :

MSVOA_Y

ClientSampleId :

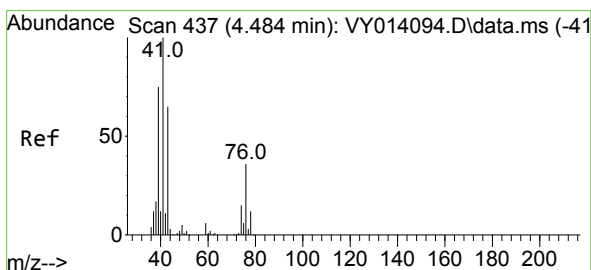
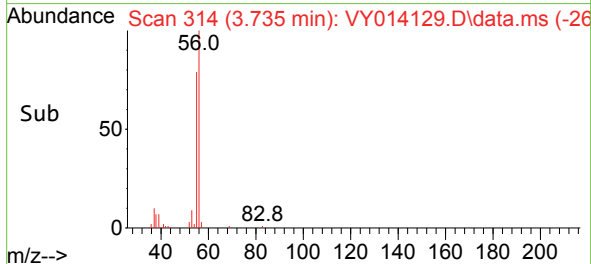
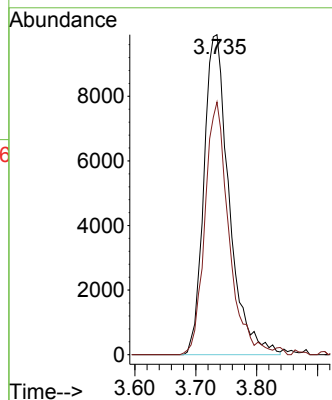
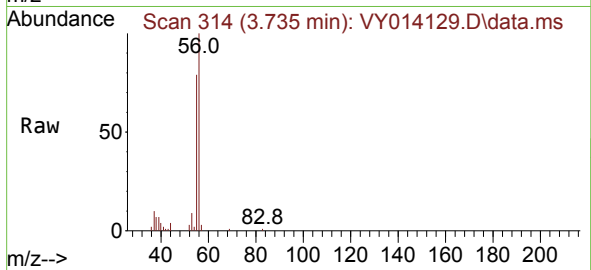
VSTDCCC050EC

Tgt Ion: 56 Resp: 28444

Ion Ratio Lower Upper

56 100

55 75.1 57.0 85.4



#14

Allyl chloride

Concen: 42.683 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.005 min

Lab File: VY014129.D

Acq: 12 Jun 2023 18:39

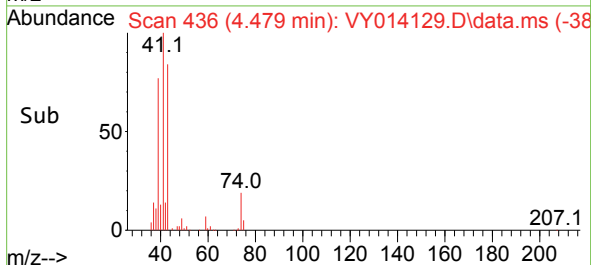
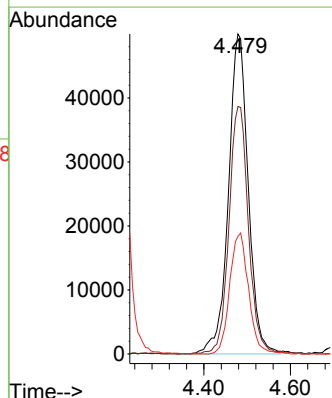
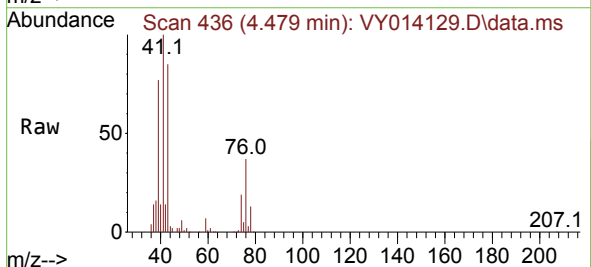
Tgt Ion: 41 Resp: 159174

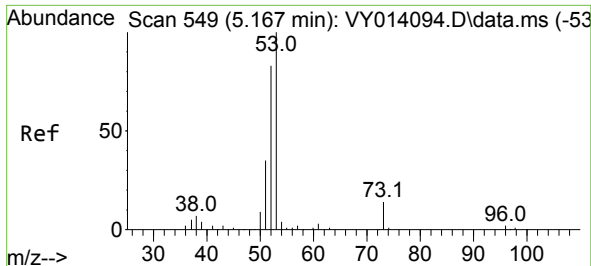
Ion Ratio Lower Upper

41 100

39 76.0 58.0 87.0

76 36.1 27.4 41.2

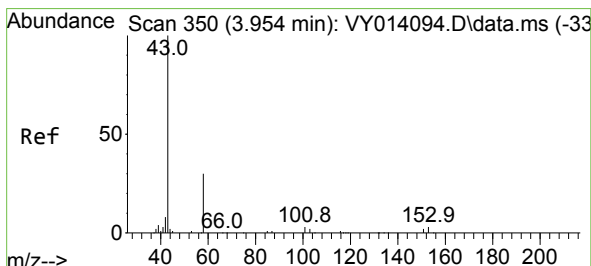
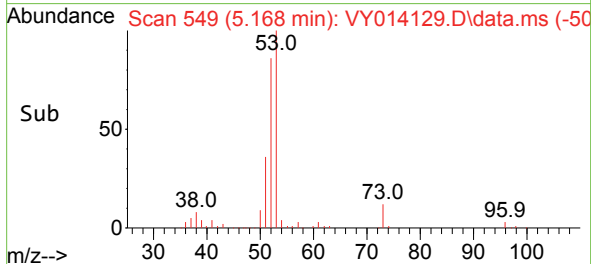
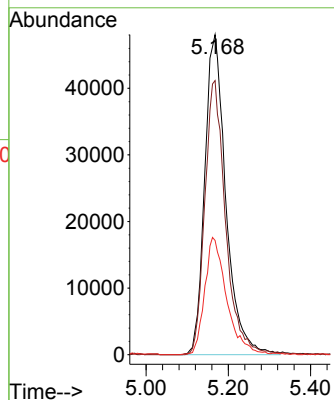
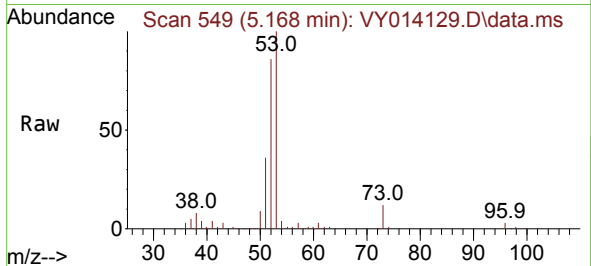




#15
Acrylonitrile
Concen: 248.268 ug/l
RT: 5.168 min Scan# 54
Delta R.T. 0.001 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

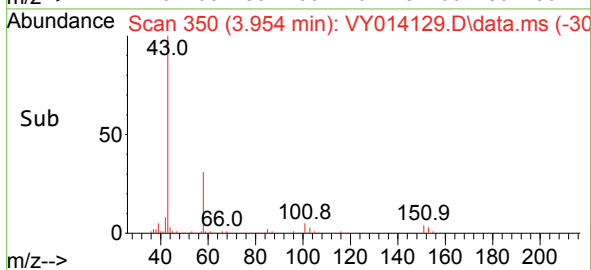
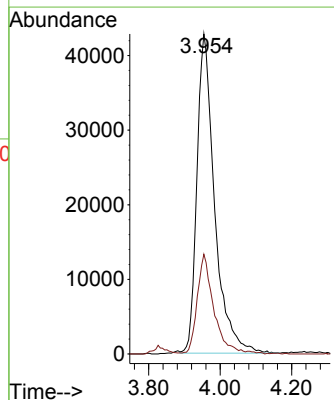
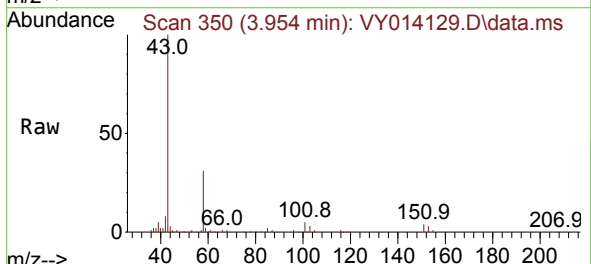
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

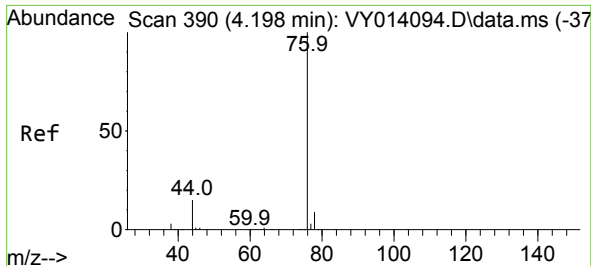
Tgt Ion:	53	Resp:	171969
Ion	Ratio	Lower	Upper
53	100		
52	84.0	66.9	100.3
51	38.0	29.8	44.6



#16
Acetone
Concen: 194.133 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

Tgt Ion:	43	Resp:	146828
Ion	Ratio	Lower	Upper
43	100		
58	31.1	22.7	34.1

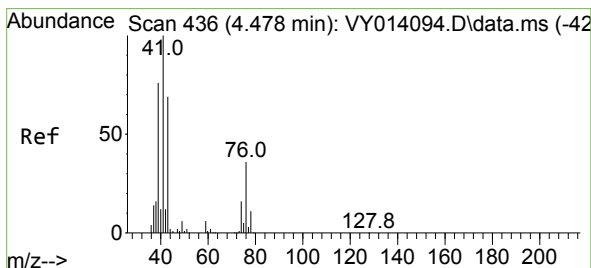
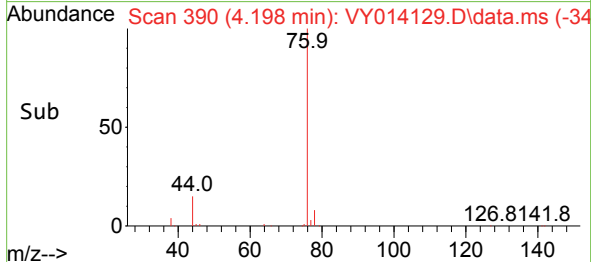
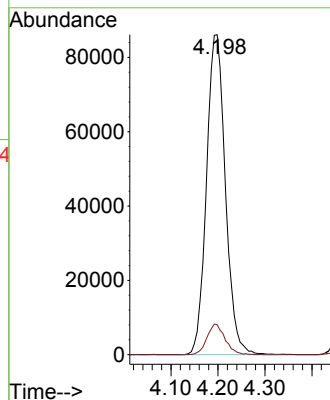
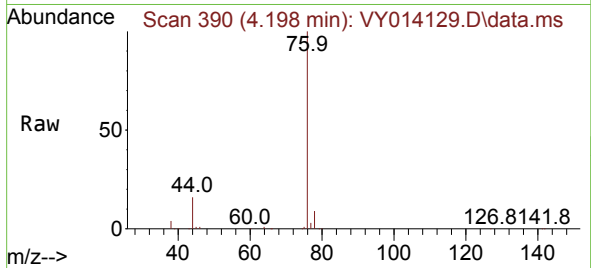




#17
Carbon Disulfide
Concen: 36.100 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

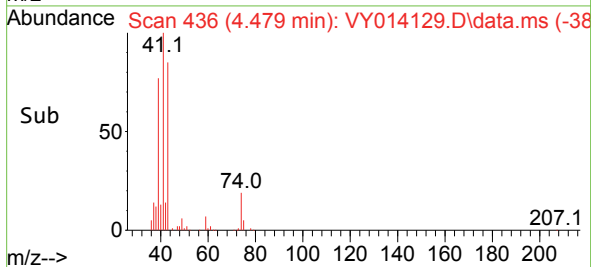
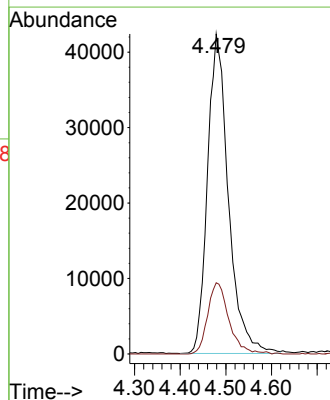
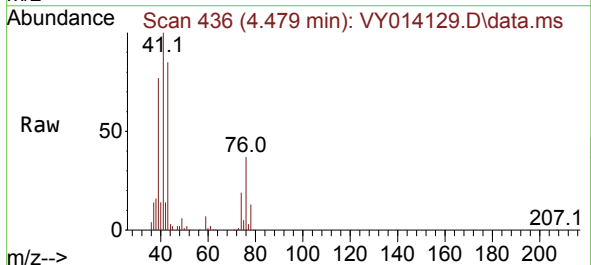
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

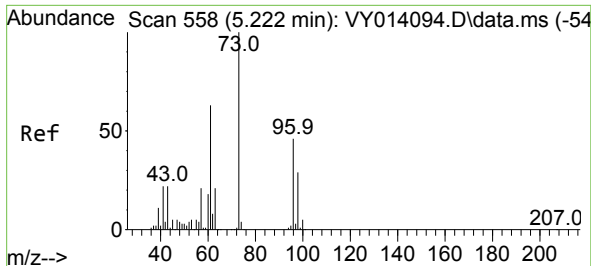
Tgt Ion: 76 Resp: 240668
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4



#18
Methyl Acetate
Concen: 45.848 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

Tgt Ion: 43 Resp: 134596
Ion Ratio Lower Upper
43 100
74 22.6 17.4 26.0

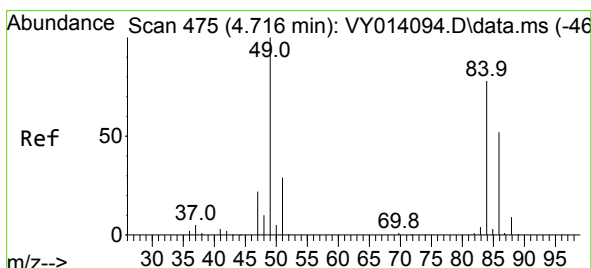
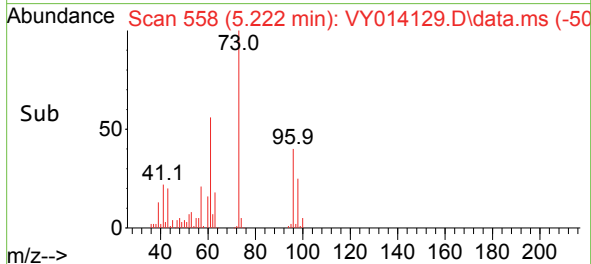
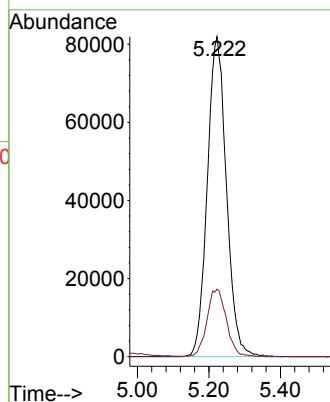
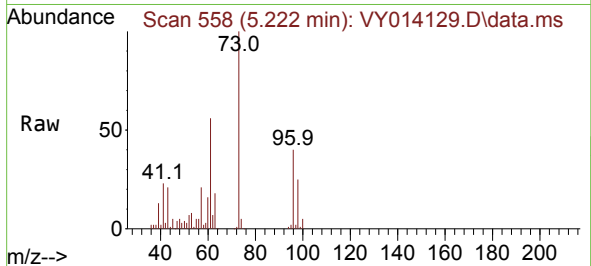




#19
Methyl tert-butyl Ether
Concen: 50.020 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

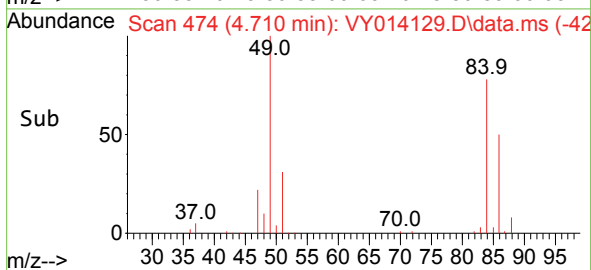
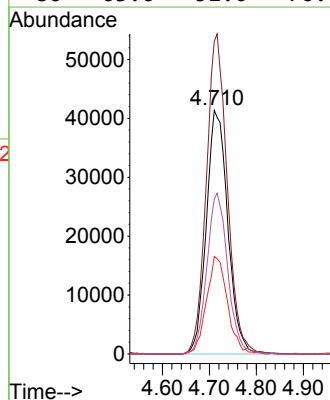
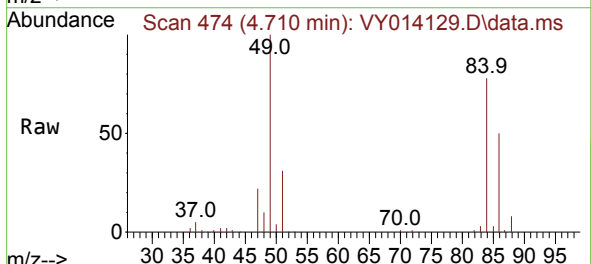
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

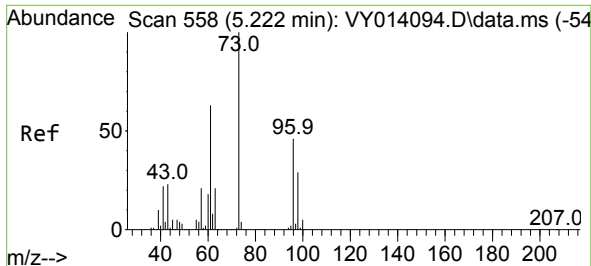
Tgt Ion: 73 Resp: 303507
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9



#20
Methylene Chloride
Concen: 54.760 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

Tgt Ion: 84 Resp: 131399
Ion Ratio Lower Upper
84 100
49 128.3 106.9 160.3
51 40.0 33.2 49.8
86 63.6 51.0 76.6

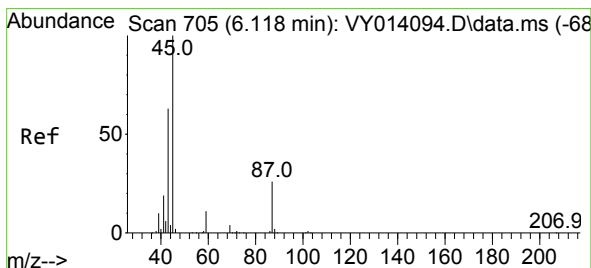
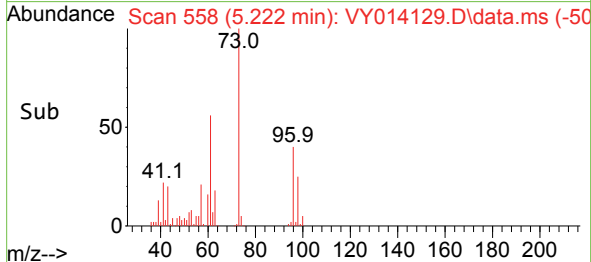
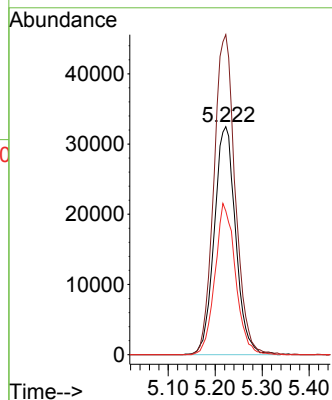
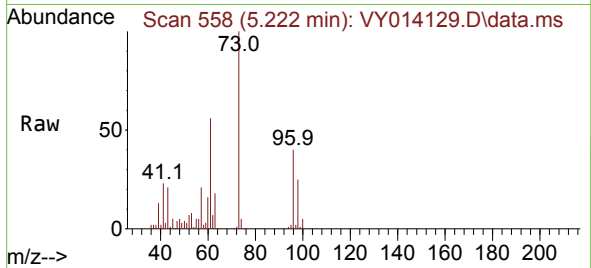




#21
trans-1,2-Dichloroethene
Concen: 44.713 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

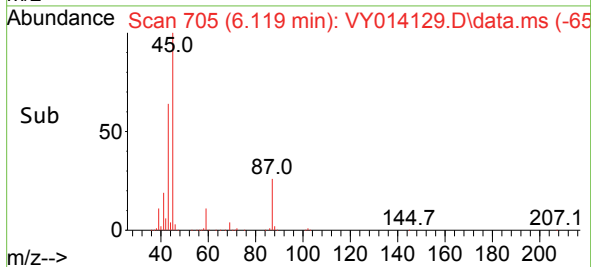
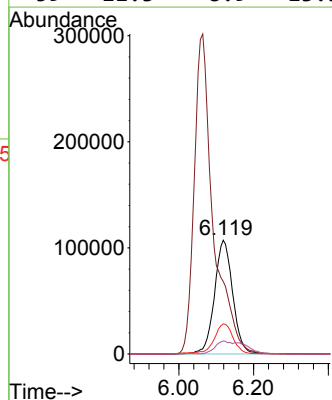
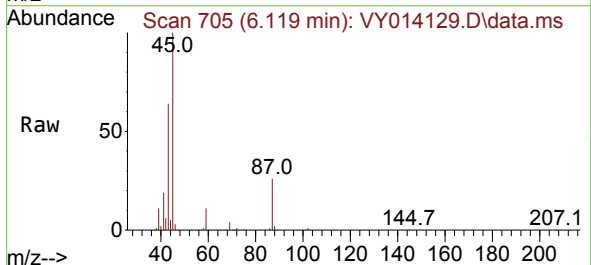
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

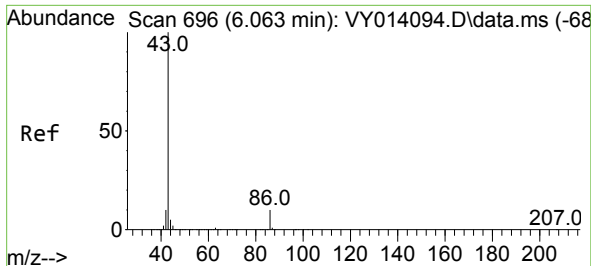
Tgt Ion: 96 Resp: 102599
Ion Ratio Lower Upper
96 100
61 140.4 110.2 165.4
98 63.0 51.8 77.6



#22
Diisopropyl ether
Concen: 50.799 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.001 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

Tgt Ion: 45 Resp: 362713
Ion Ratio Lower Upper
45 100
43 63.3 52.2 78.4
87 26.4 21.0 31.6
59 11.3 8.9 13.3

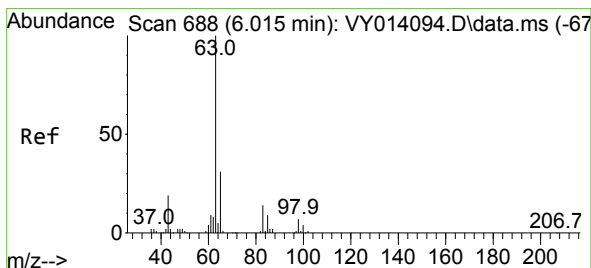
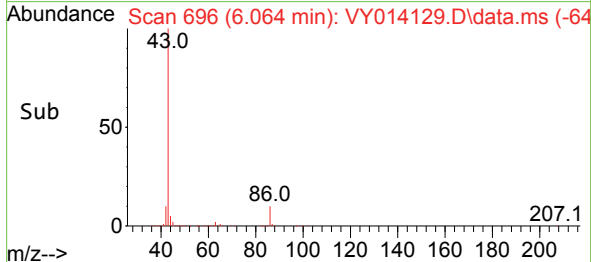
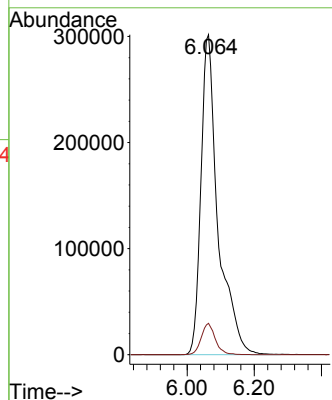
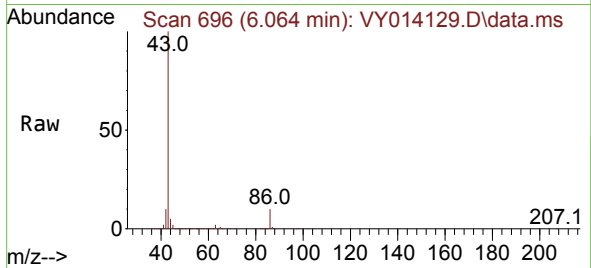




#23
 Vinyl Acetate
 Concen: 252.522 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.001 min
 Lab File: VY014129.D
 Acq: 12 Jun 2023 18:39

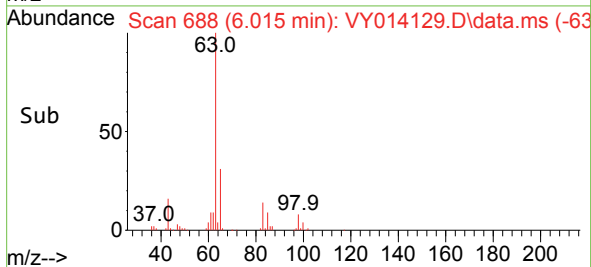
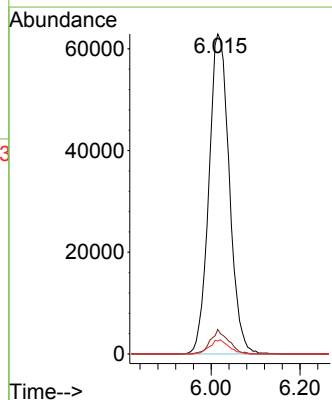
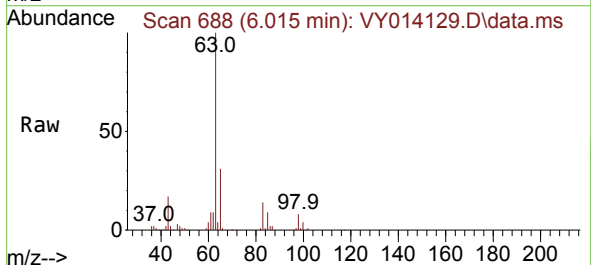
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

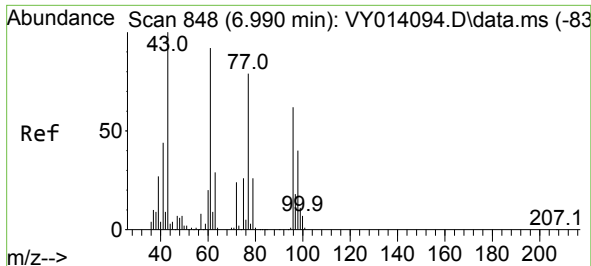
Tgt Ion: 43 Resp: 1063832
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 48.668 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY014129.D
 Acq: 12 Jun 2023 18:39

Tgt Ion: 63 Resp: 200357
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.1 9.4
 100 4.1 1.8 5.5

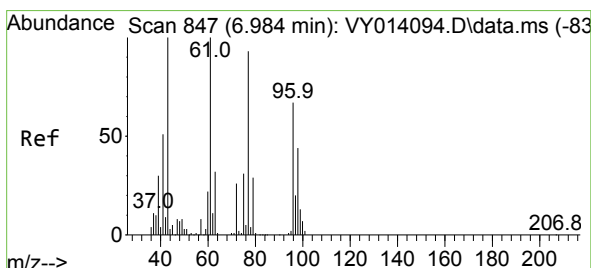
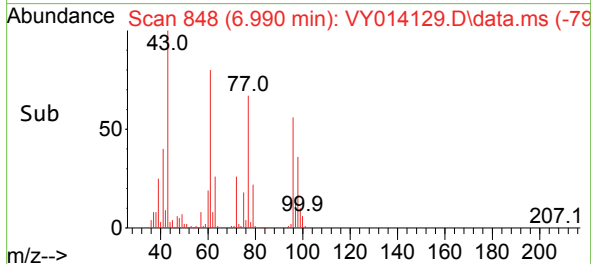
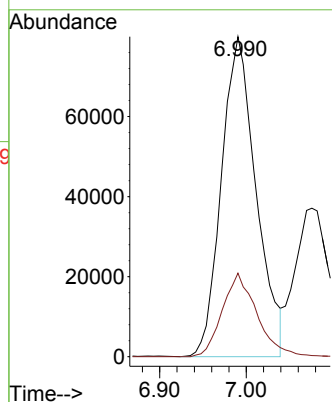
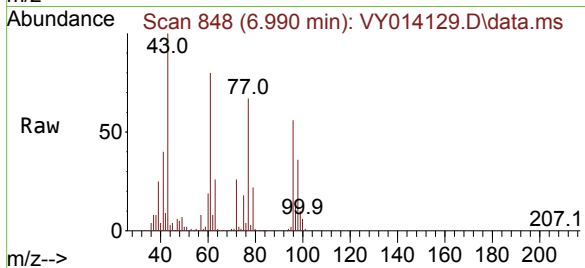




#25
2-Butanone
Concen: 238.854 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

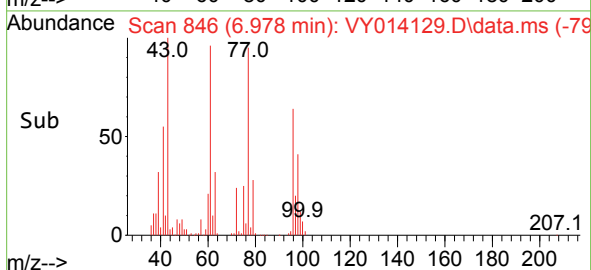
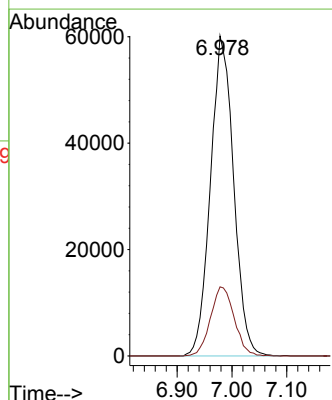
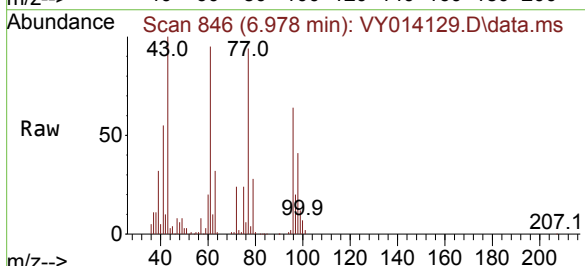
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

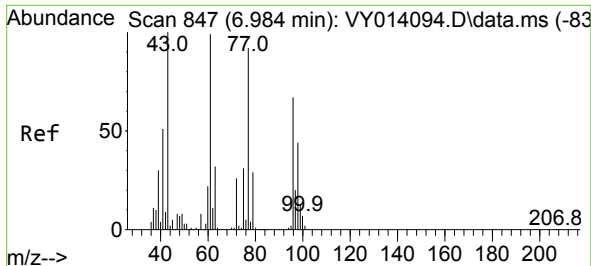
Tgt Ion: 43 Resp: 222374
Ion Ratio Lower Upper
43 100
72 26.1 20.5 30.7



#26
2,2-Dichloropropane
Concen: 45.688 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

Tgt Ion: 77 Resp: 176658
Ion Ratio Lower Upper
77 100
97 22.2 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 48.294 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY014129.D

Acq: 12 Jun 2023 18:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

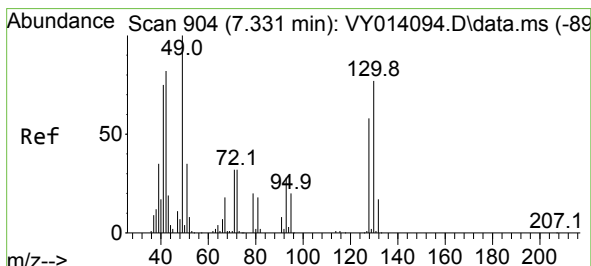
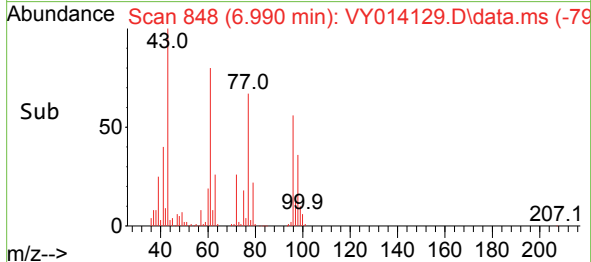
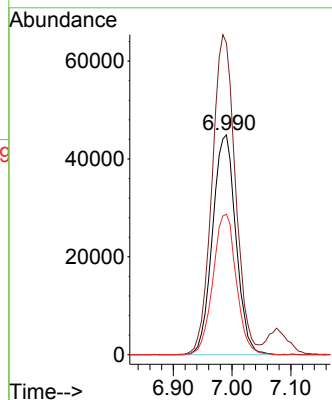
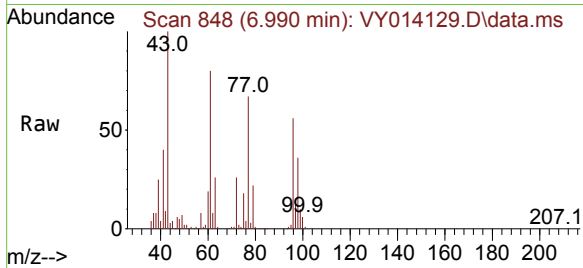
Tgt Ion: 96 Resp: 123966

Ion Ratio Lower Upper

96 100

61 145.8 0.0 301.4

98 63.8 0.0 130.4



#28

Bromochloromethane

Concen: 48.289 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.007 min

Lab File: VY014129.D

Acq: 12 Jun 2023 18:39

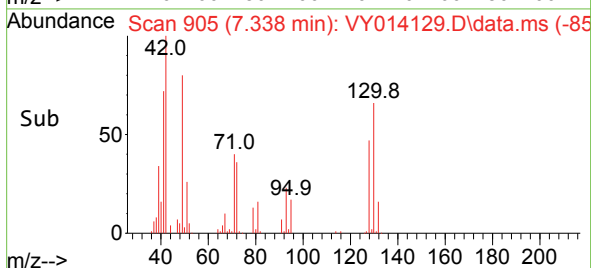
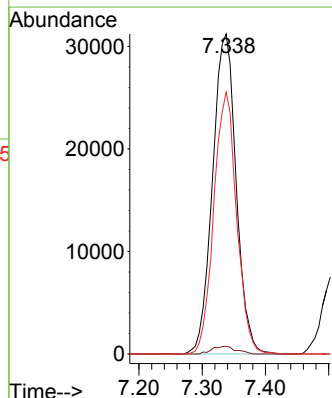
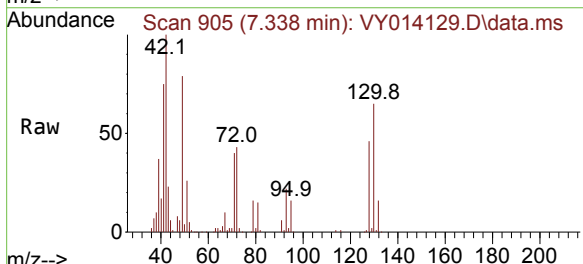
Tgt Ion: 49 Resp: 80843

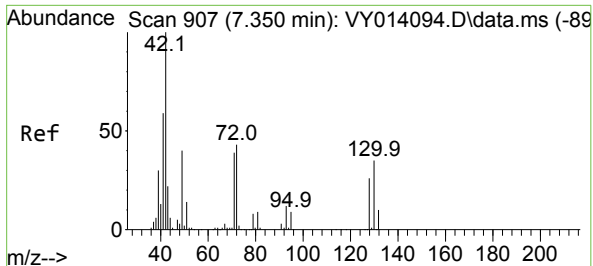
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 79.0 60.7 91.1





#29

Tetrahydrofuran

Concen: 248.719 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY014129.D

Acq: 12 Jun 2023 18:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

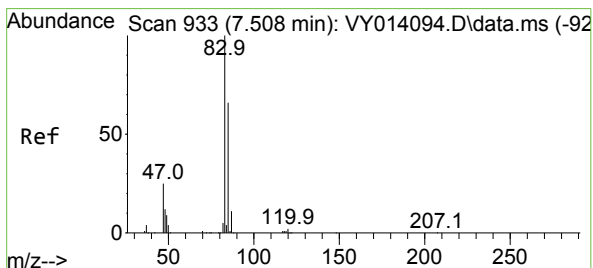
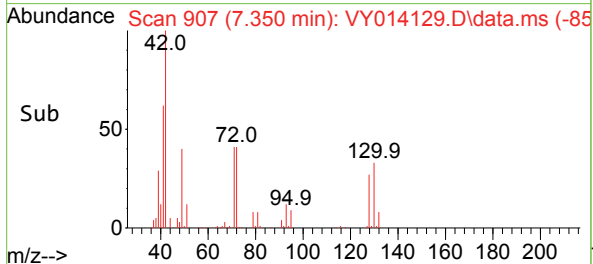
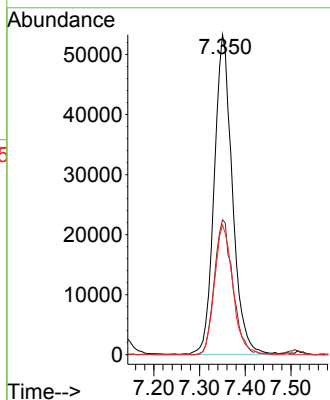
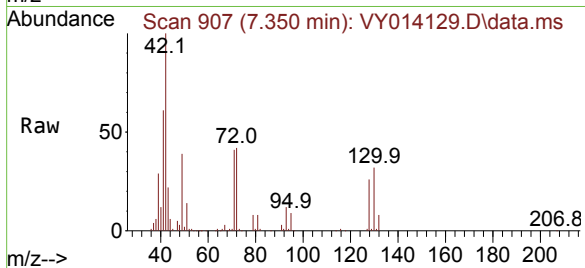
Tgt Ion: 42 Resp: 146834

Ion Ratio Lower Upper

42 100

72 43.0 32.8 49.2

71 41.1 31.0 46.4



#30

Chloroform

Concen: 50.987 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.001 min

Lab File: VY014129.D

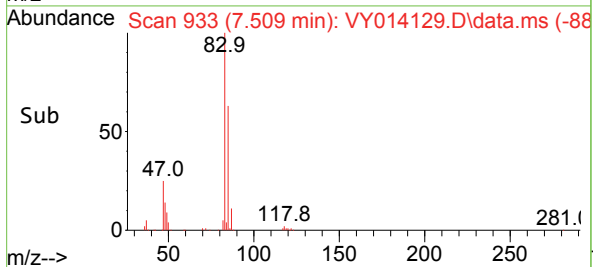
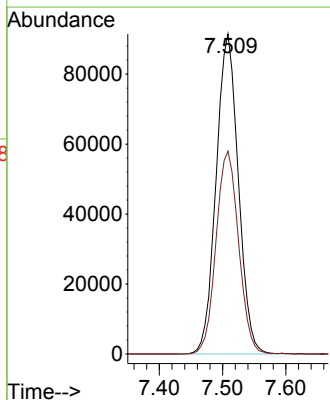
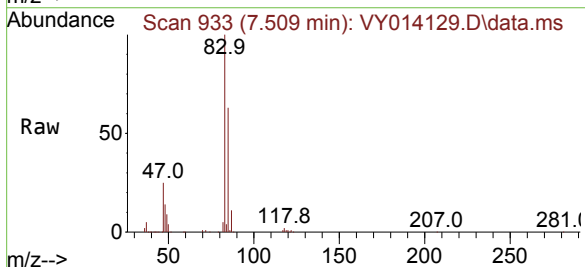
Acq: 12 Jun 2023 18:39

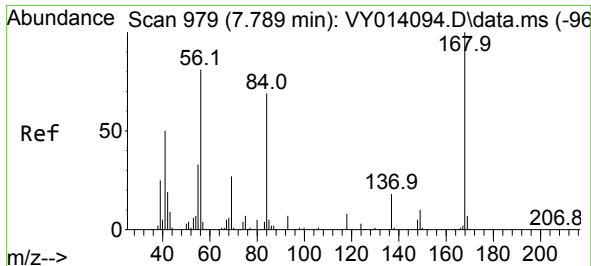
Tgt Ion: 83 Resp: 222684

Ion Ratio Lower Upper

83 100

85 63.4 49.7 74.5

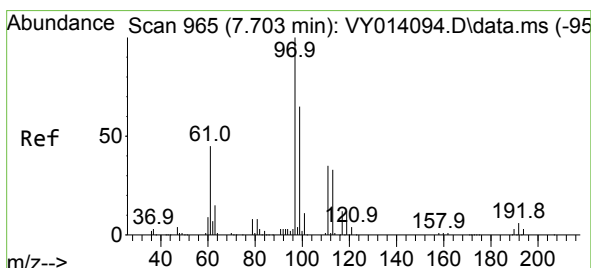
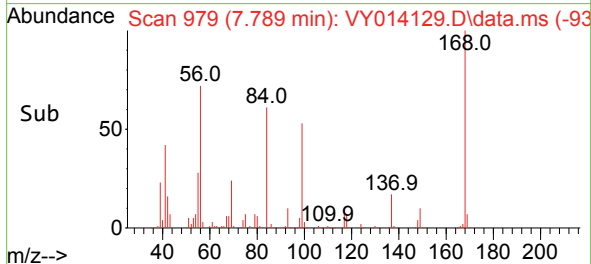
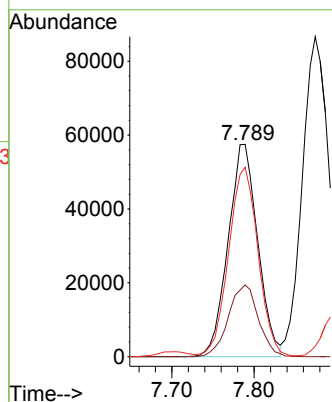
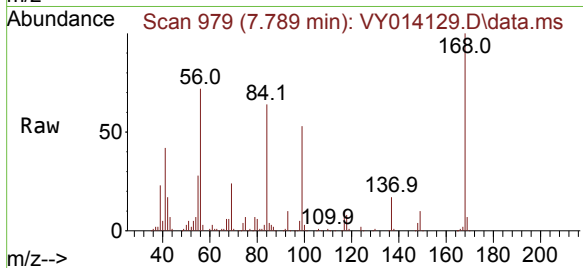




#31
Cyclohexane
Concen: 42.826 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

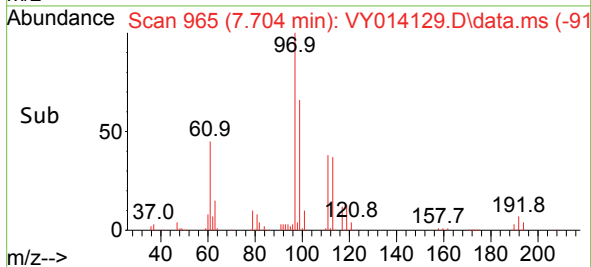
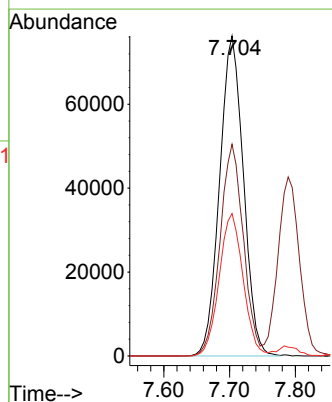
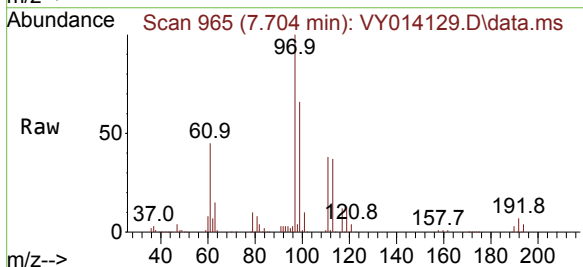
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

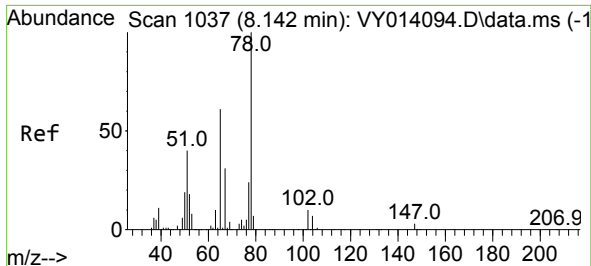
Tgt Ion: 56 Resp: 143948
Ion Ratio Lower Upper
56 100
69 33.8 27.8 41.6
84 87.0 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 48.883 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.001 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

Tgt Ion: 97 Resp: 192556
Ion Ratio Lower Upper
97 100
99 64.7 50.8 76.2
61 44.7 35.1 52.7

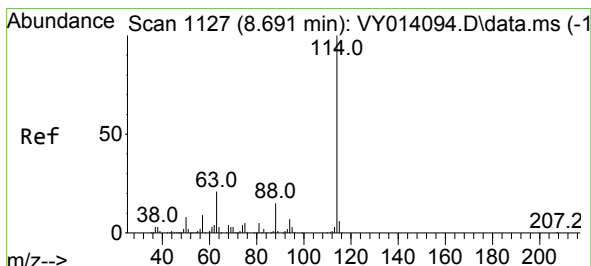
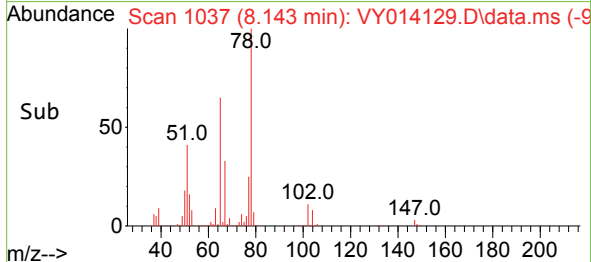
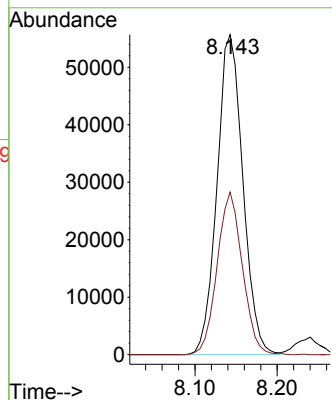
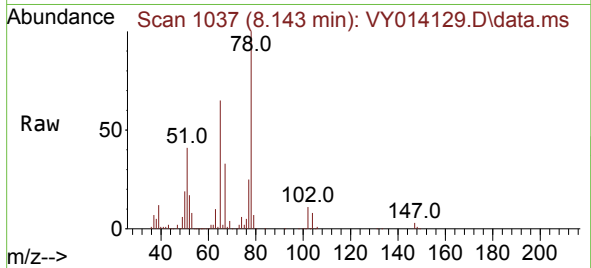




#33
 1,2-Dichloroethane-d4
 Concen: 48.563 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.001 min
 Lab File: VY014129.D
 Acq: 12 Jun 2023 18:39

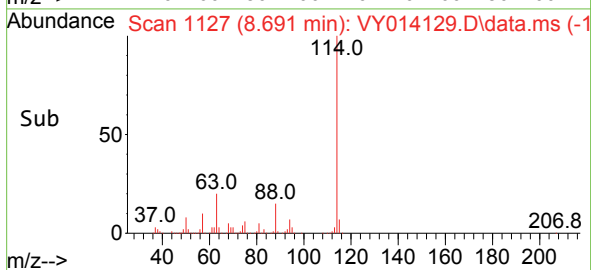
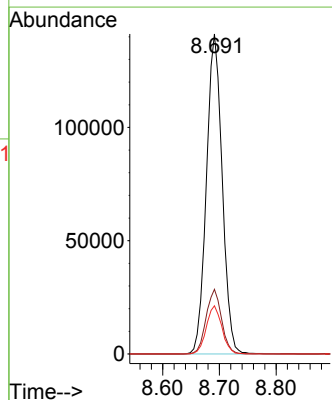
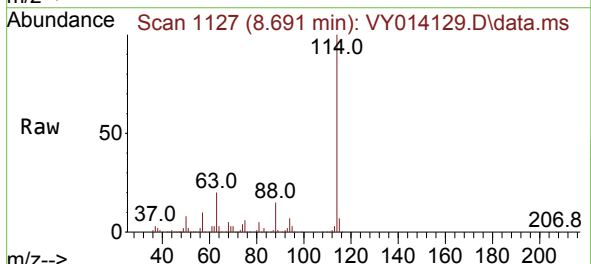
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

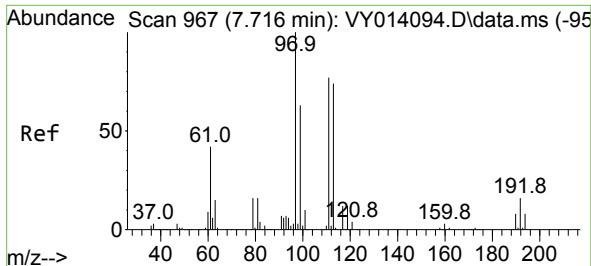
Tgt Ion: 65 Resp: 121850
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY014129.D
 Acq: 12 Jun 2023 18:39

Tgt Ion: 114 Resp: 272880
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 42.4
 88 15.0 0.0 30.6

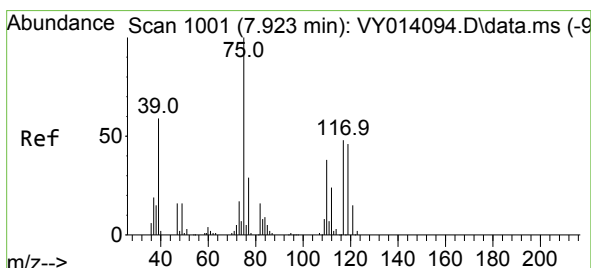
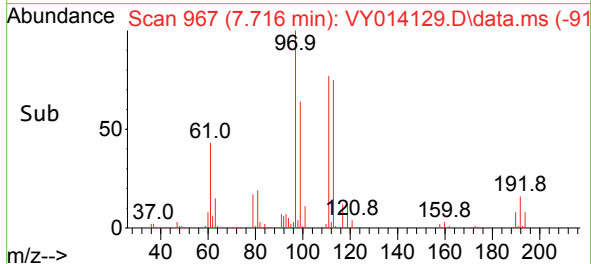
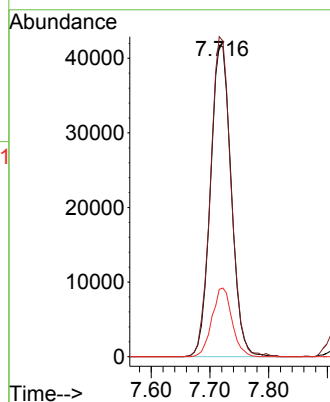
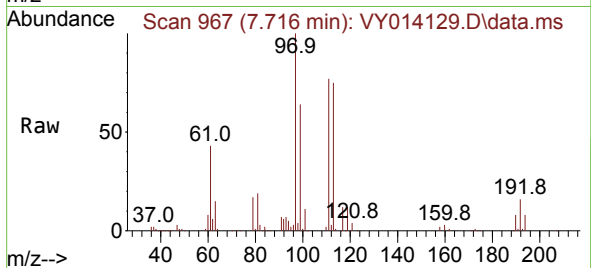




#35
Dibromofluoromethane
Concen: 52.844 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

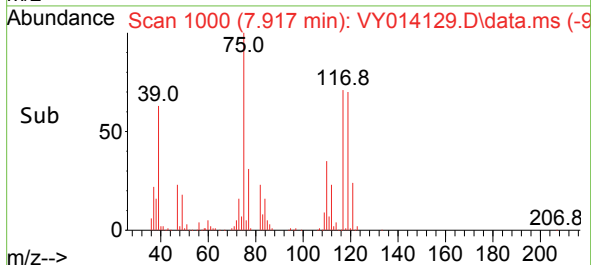
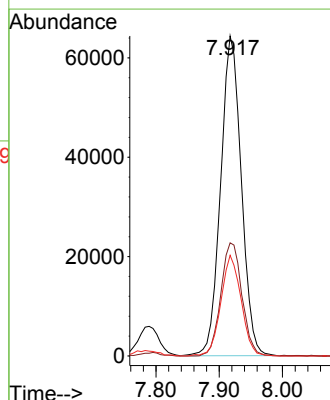
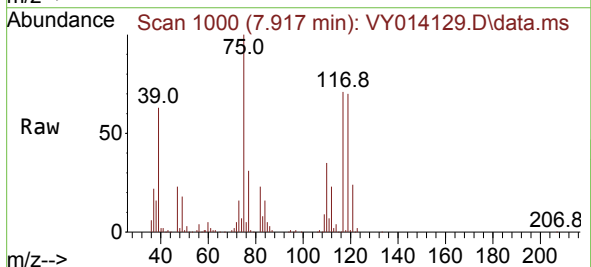
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

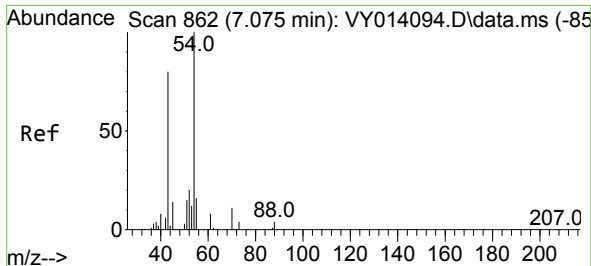
Tgt Ion:113 Resp: 102264
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 21.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 48.414 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

Tgt Ion: 75 Resp: 146066
Ion Ratio Lower Upper
75 100
110 36.0 17.8 53.5
77 30.8 24.4 36.6

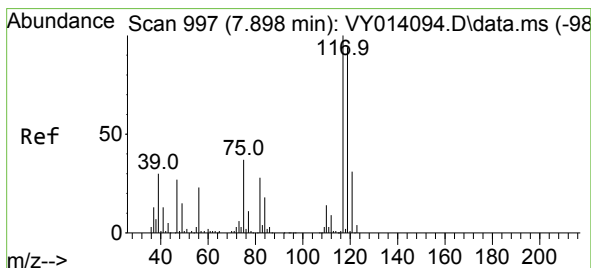
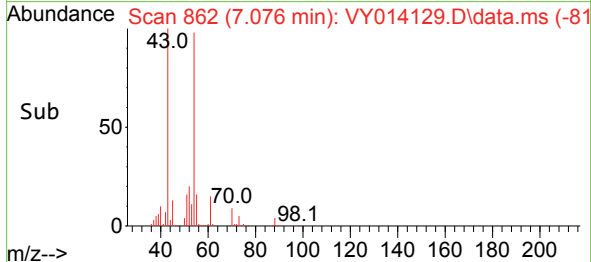
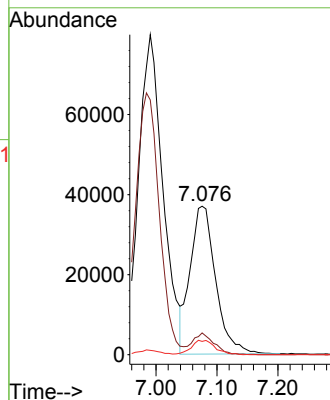
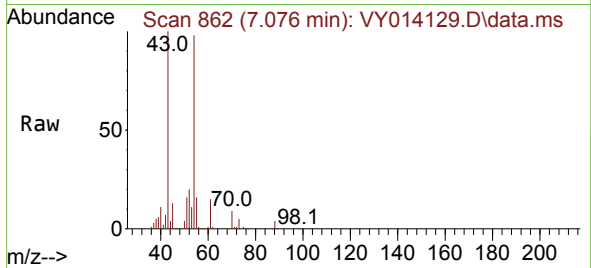




#37
Ethyl Acetate
Concen: 51.802 ug/l
RT: 7.076 min Scan# 80
Delta R.T. 0.001 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

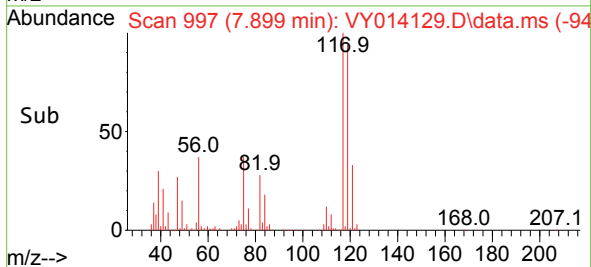
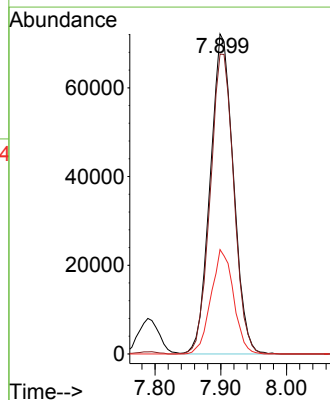
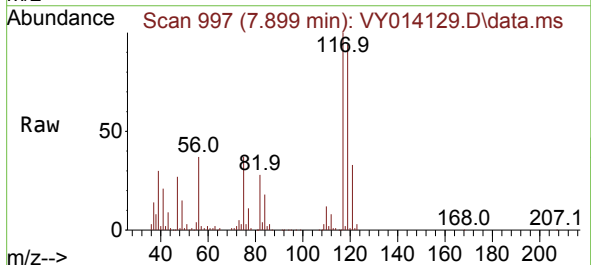
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

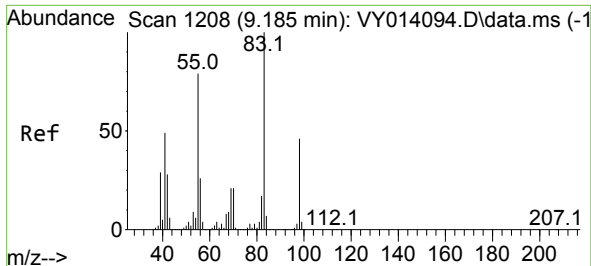
Tgt Ion: 43 Resp: 107835
Ion Ratio Lower Upper
43 100
61 12.5 10.1 15.1
70 9.0 7.1 10.7



#38
Carbon Tetrachloride
Concen: 50.988 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.001 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

Tgt Ion: 117 Resp: 177517
Ion Ratio Lower Upper
117 100
119 93.7 76.4 114.6
121 32.6 25.8 38.6

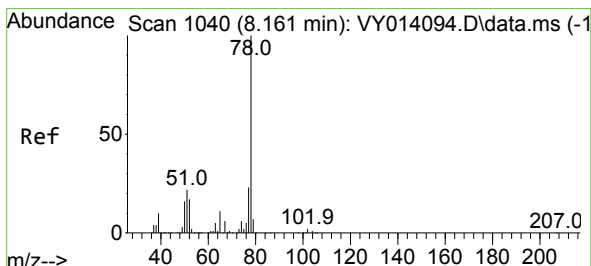
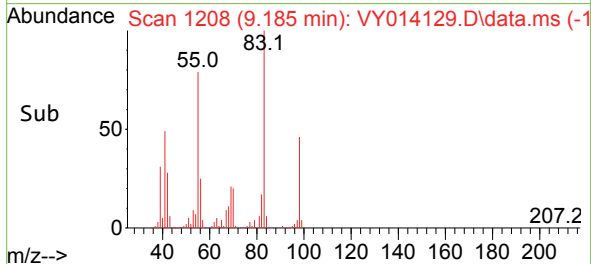
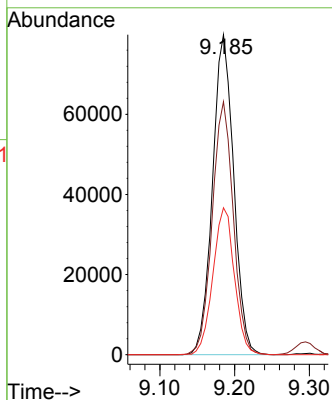
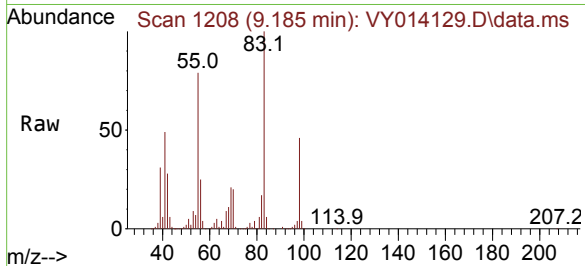




#39
Methylcyclohexane
Concen: 47.035 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

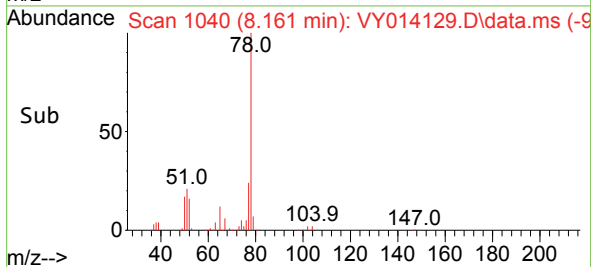
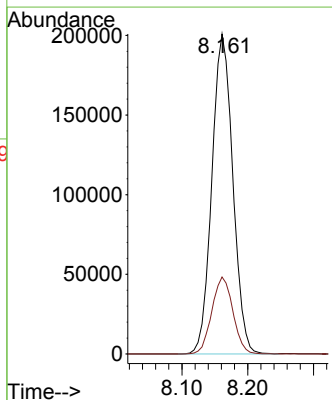
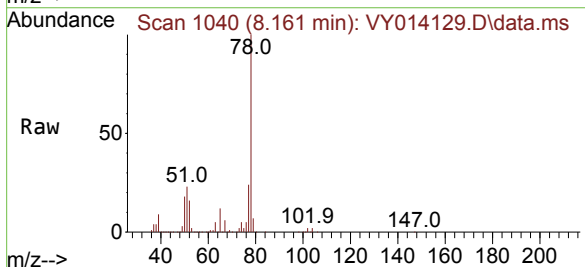
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

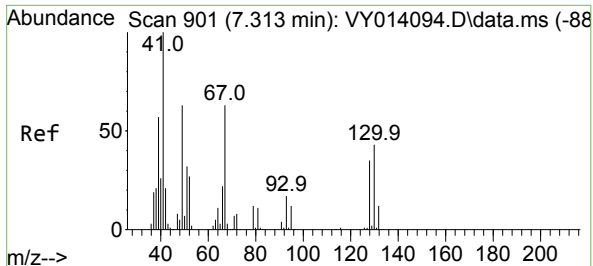
Tgt Ion: 83 Resp: 157444
Ion Ratio Lower Upper
83 100
55 79.0 63.0 94.4
98 45.9 37.4 56.2



#40
Benzene
Concen: 49.610 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

Tgt Ion: 78 Resp: 445073
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.6

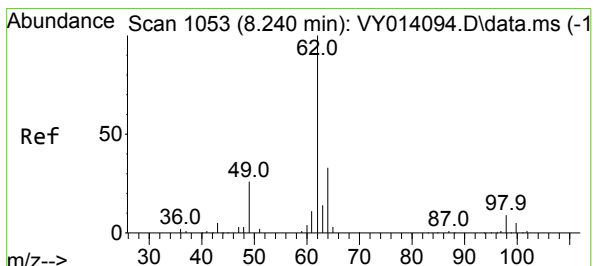
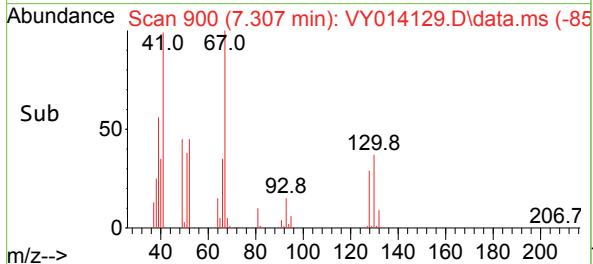
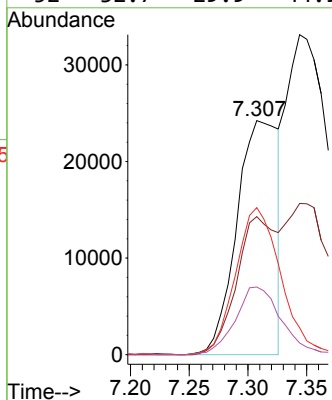
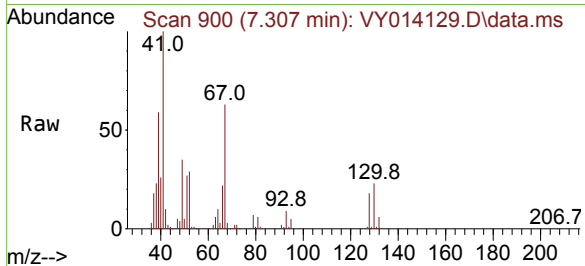




#41
Methacrylonitrile
Concen: 55.993 ug/l
RT: 7.307 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

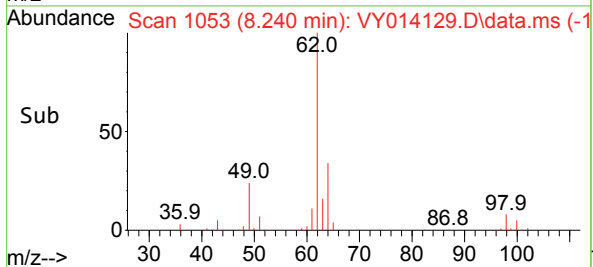
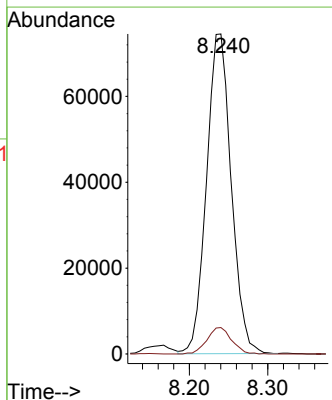
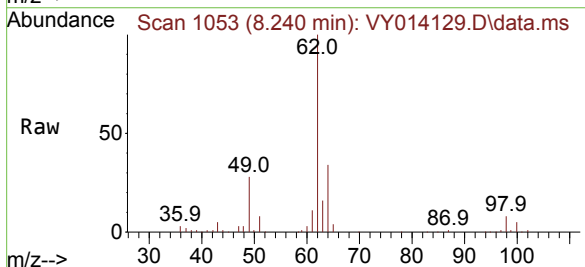
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

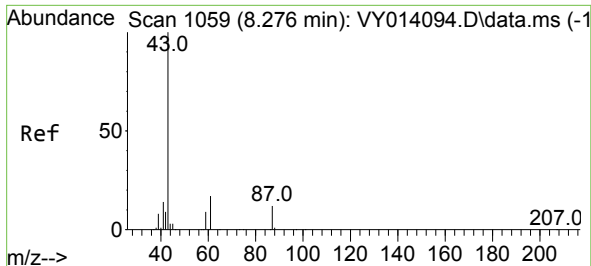
Tgt Ion: 41 Resp: 59487
Ion Ratio Lower Upper
41 100
39 57.0 52.1 78.1
67 68.8 66.2 99.2
52 32.7 29.9 44.9



#42
1,2-Dichloroethane
Concen: 51.483 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

Tgt Ion: 62 Resp: 163329
Ion Ratio Lower Upper
62 100
98 8.2 0.0 15.8

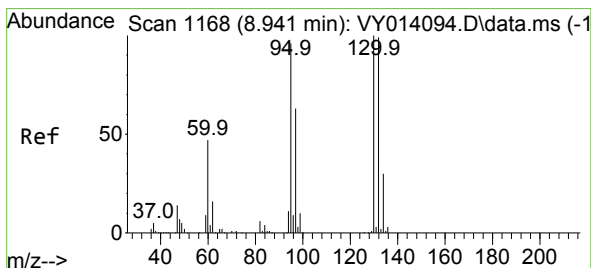
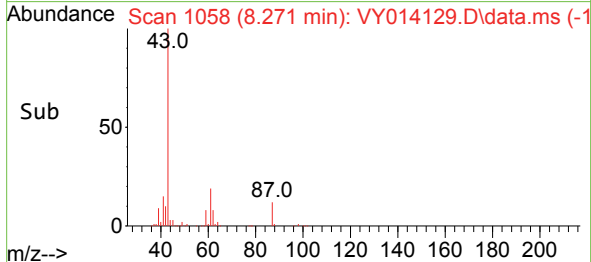
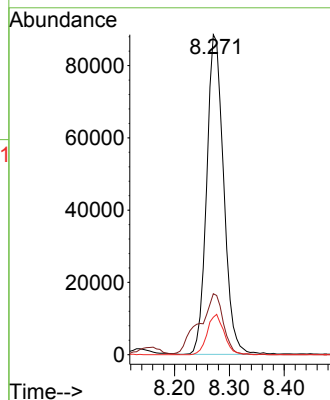
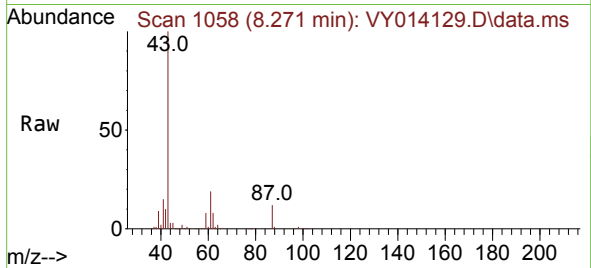




#43
Isopropyl Acetate
Concen: 52.027 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.005 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

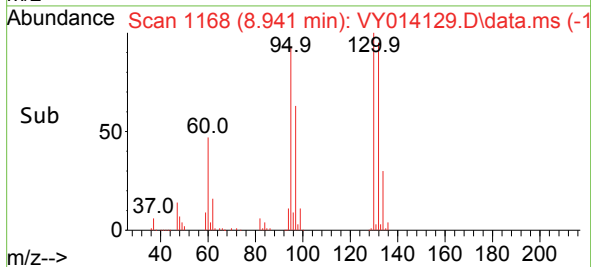
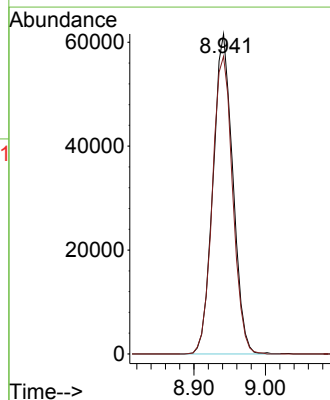
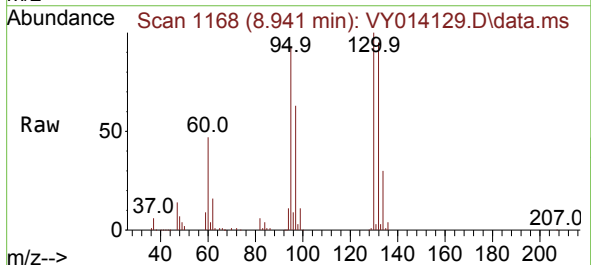
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

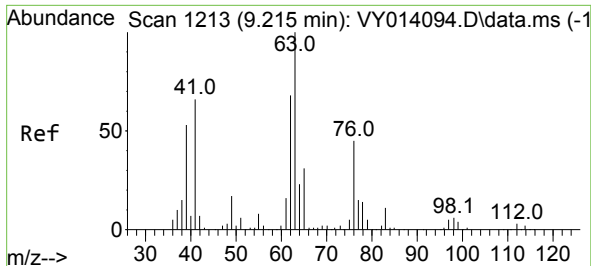
Tgt Ion: 43 Resp: 189822
Ion Ratio Lower Upper
43 100
61 27.1 21.1 31.7
87 12.6 9.8 14.8



#44
Trichloroethene
Concen: 49.371 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

Tgt Ion:130 Resp: 118339
Ion Ratio Lower Upper
130 100
95 93.0 0.0 196.0

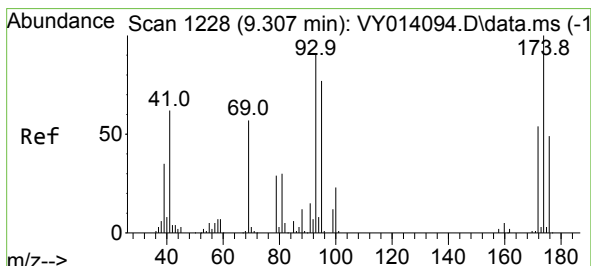
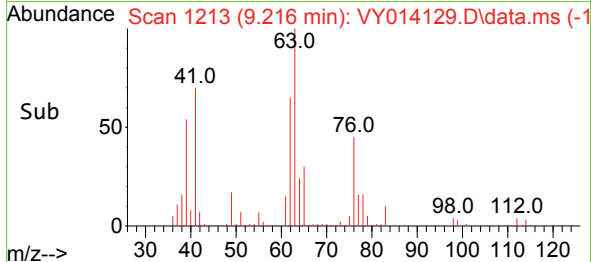
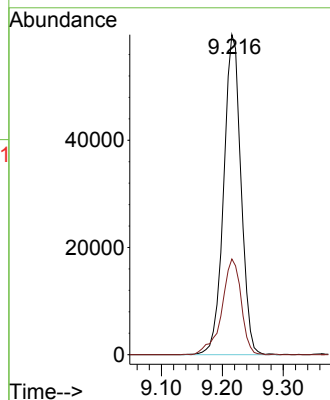
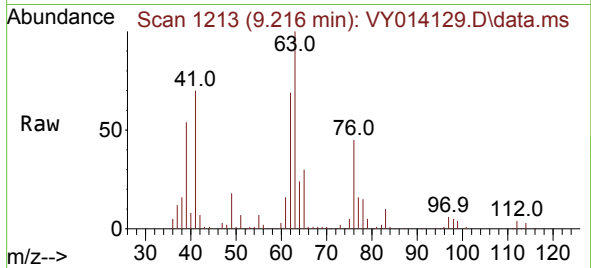




#45
1,2-Dichloropropane
Concen: 51.662 ug/l
RT: 9.216 min Scan# 117723
Delta R.T. 0.001 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

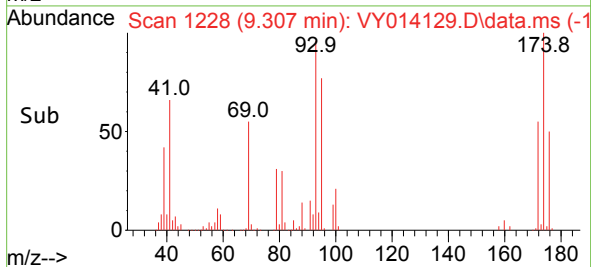
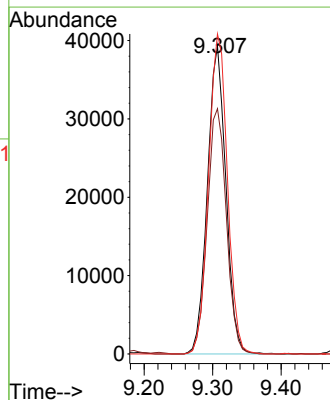
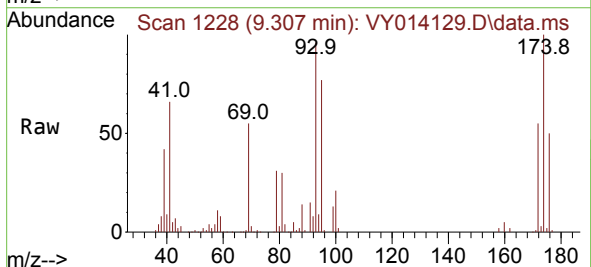
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

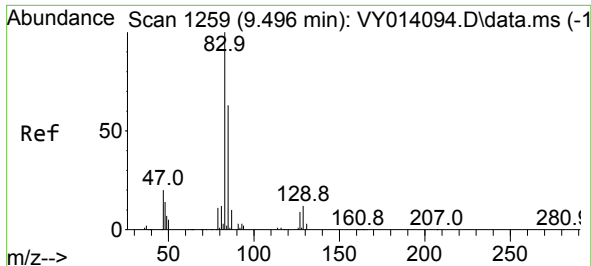
Tgt Ion: 63 Resp: 117723
Ion Ratio Lower Upper
63 100
65 29.9 23.8 35.6



#46
Dibromomethane
Concen: 52.620 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

Tgt Ion: 93 Resp: 73809
Ion Ratio Lower Upper
93 100
95 82.6 66.6 100.0
174 106.2 84.8 127.2

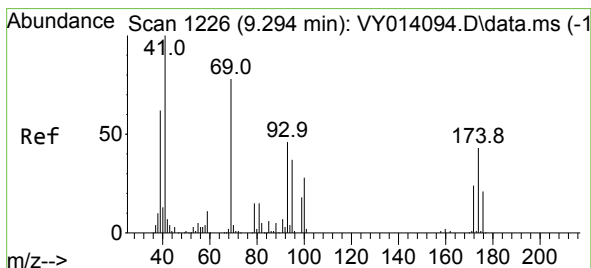
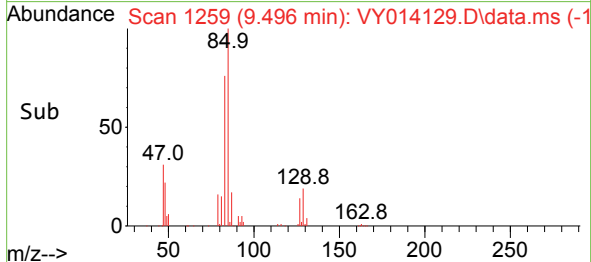
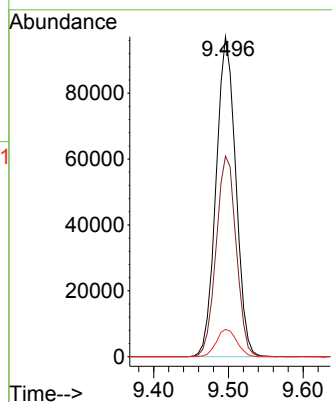
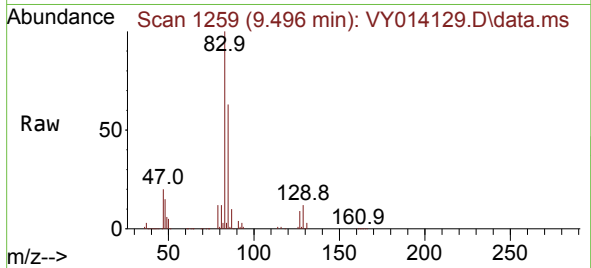




#47
Bromodichloromethane
Concen: 54.110 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

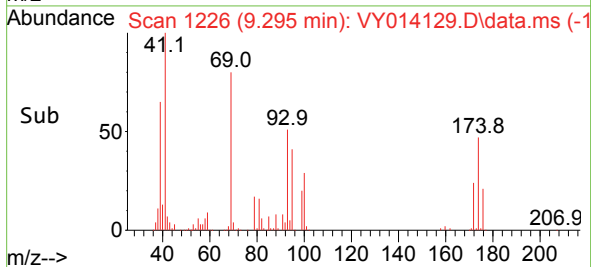
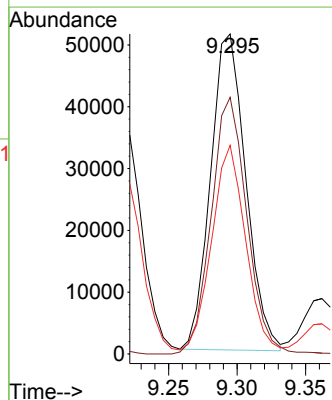
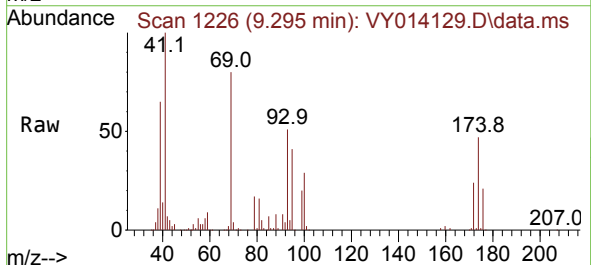
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

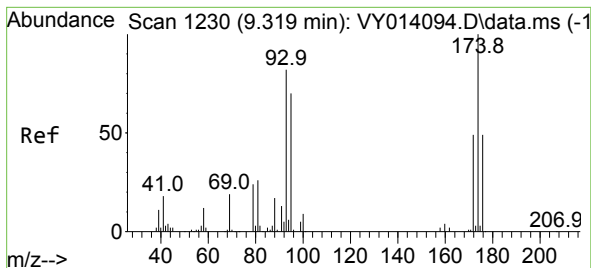
Tgt Ion: 83 Resp: 177713
Ion Ratio Lower Upper
83 100
85 62.7 50.1 75.1
127 8.5 7.1 10.7



#48
Methyl methacrylate
Concen: 53.772 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.001 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

Tgt Ion: 41 Resp: 91505
Ion Ratio Lower Upper
41 100
69 82.1 64.5 96.7
39 64.1 50.8 76.2





#49

1,4-Dioxane

Concen: 1149.005 ug/l

RT: 9.319 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014129.D

Acq: 12 Jun 2023 18:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

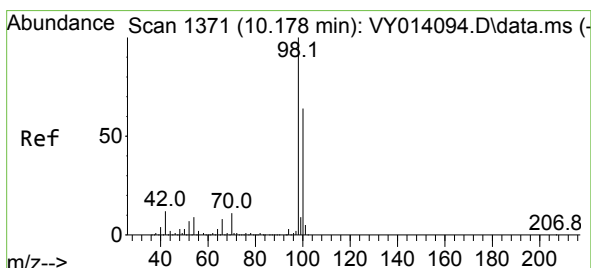
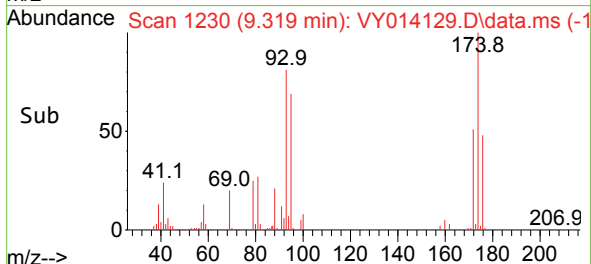
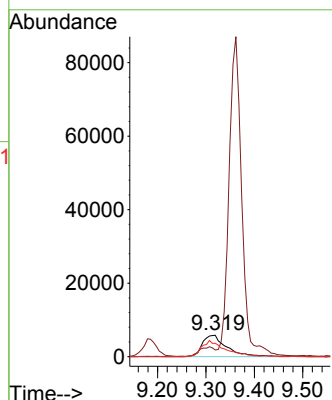
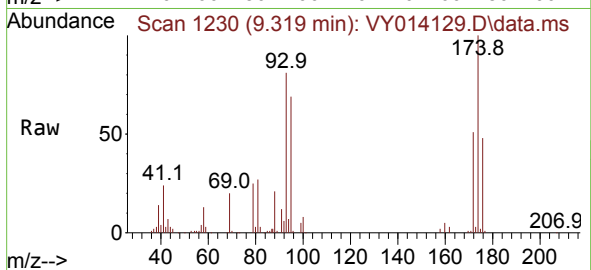
Tgt Ion: 88 Resp: 20479

Ion Ratio Lower Upper

88 100

43 27.2 0.0 0.0#

58 73.9 30.9 46.3#



#50

Toluene-d8

Concen: 49.133 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.001 min

Lab File: VY014129.D

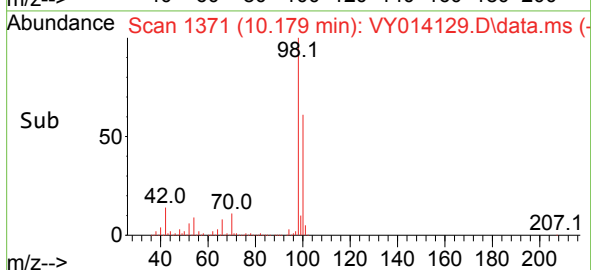
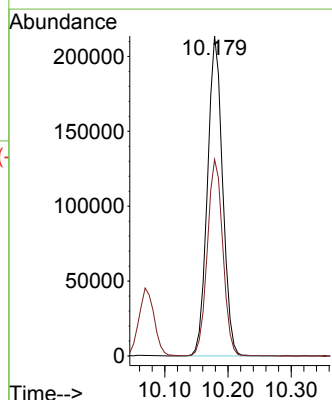
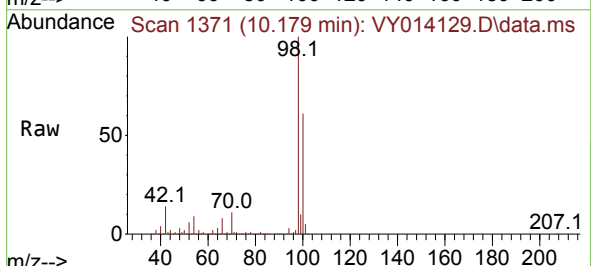
Acq: 12 Jun 2023 18:39

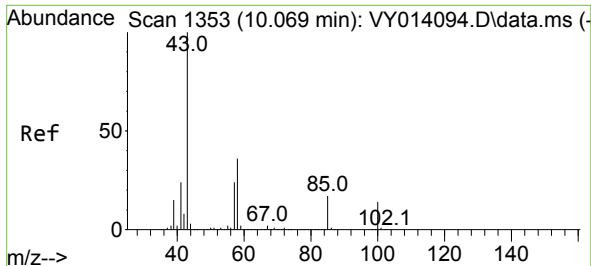
Tgt Ion: 98 Resp: 355471

Ion Ratio Lower Upper

98 100

100 62.6 50.1 75.1

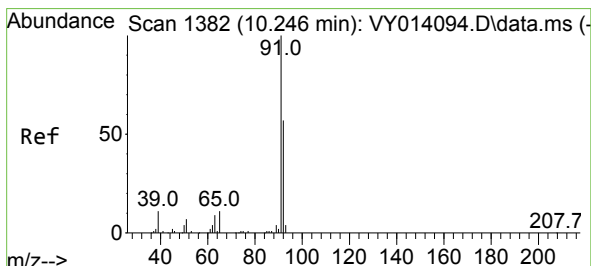
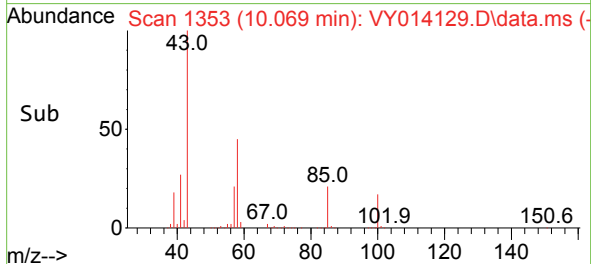
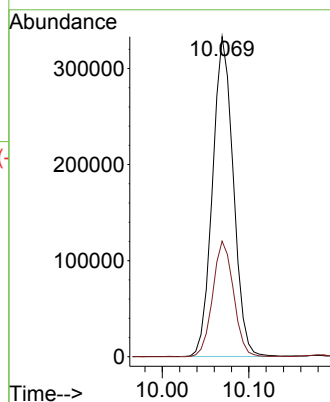
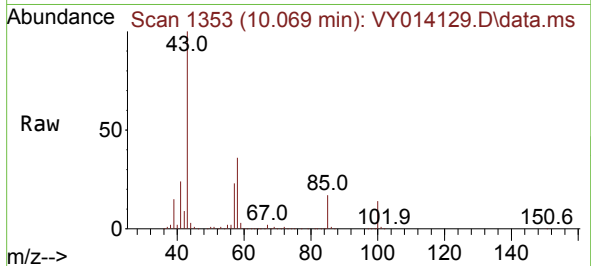




#51
4-Methyl-2-Pentanone
Concen: 280.205 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

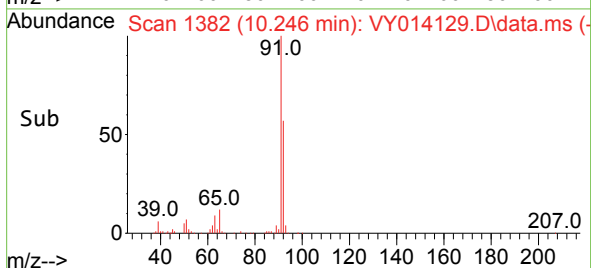
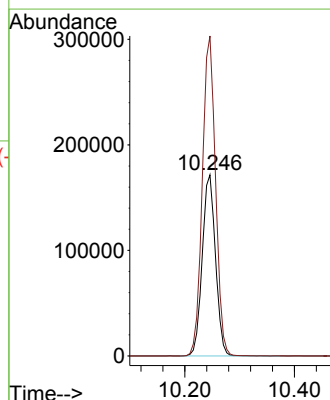
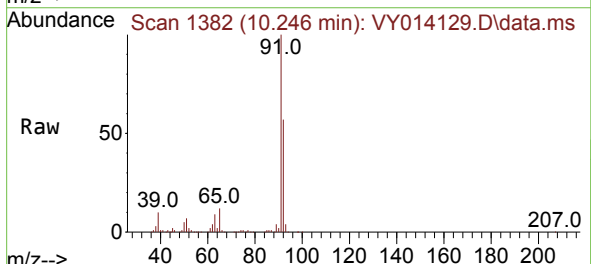
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

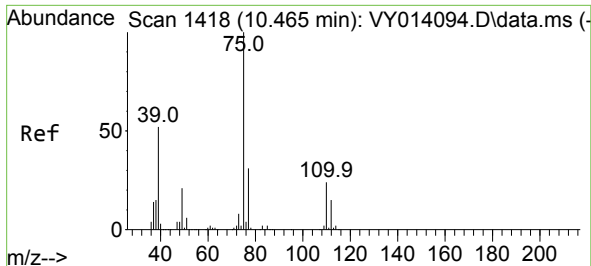
Tgt Ion: 43 Resp: 555424
Ion Ratio Lower Upper
43 100
58 36.2 29.0 43.6



#52
Toluene
Concen: 51.753 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

Tgt Ion: 92 Resp: 287815
Ion Ratio Lower Upper
92 100
91 176.2 143.8 215.6

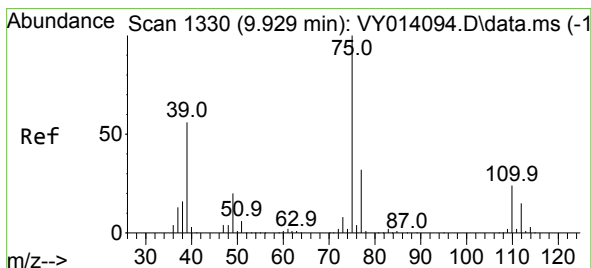
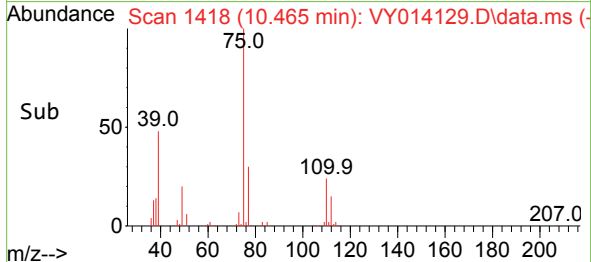
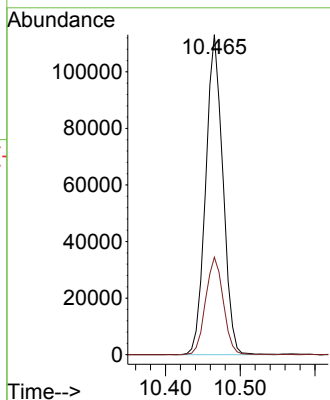
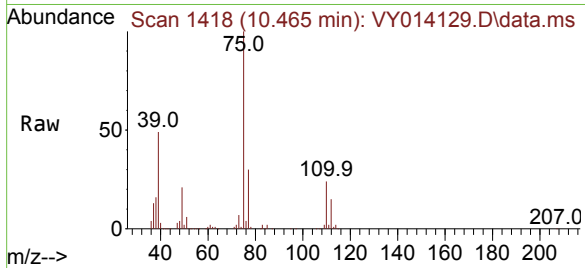




#53
t-1,3-Dichloropropene
Concen: 52.160 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

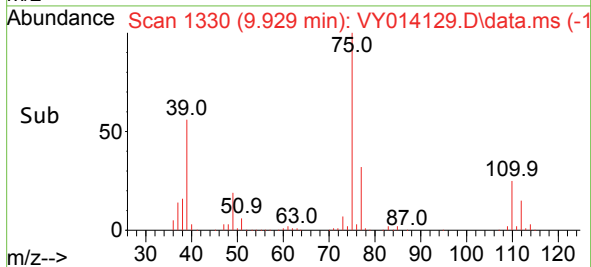
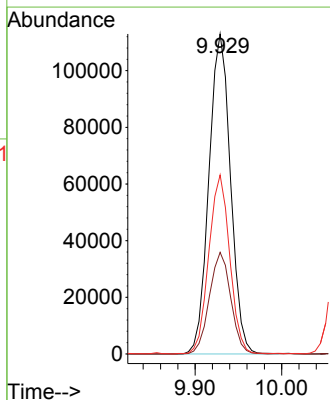
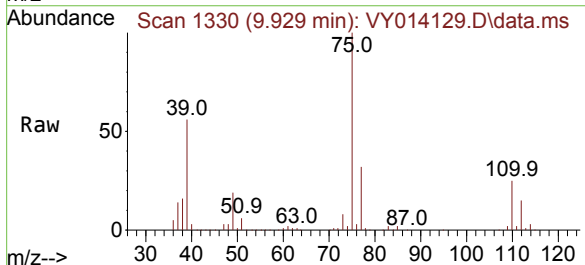
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

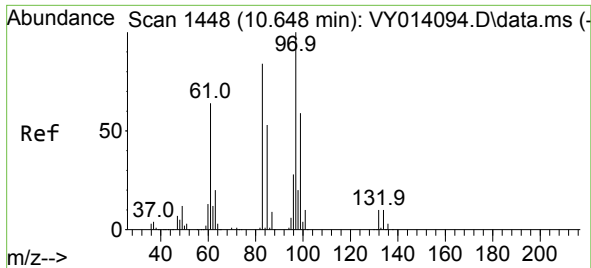
Tgt Ion: 75 Resp: 180341
Ion Ratio Lower Upper
75 100
77 30.4 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 51.805 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

Tgt Ion: 75 Resp: 195421
Ion Ratio Lower Upper
75 100
77 31.7 24.2 36.4
39 55.8 42.2 63.4

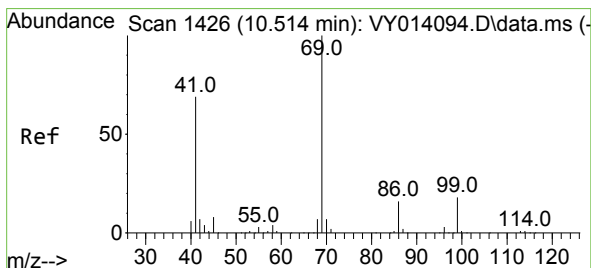
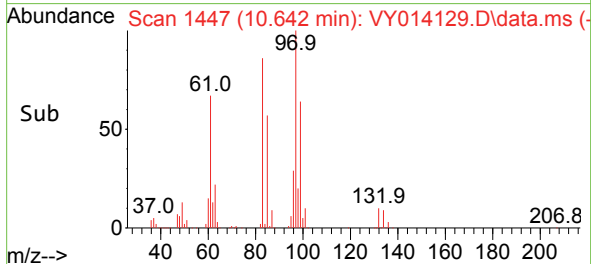
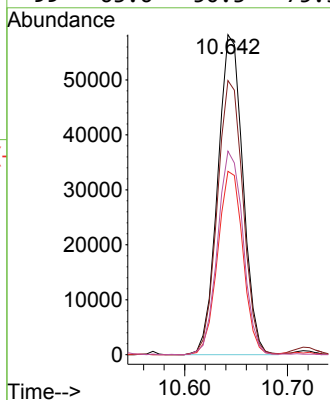
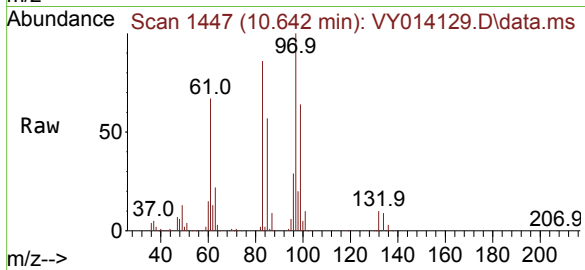




#55
1,1,2-Trichloroethane
Concen: 53.304 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

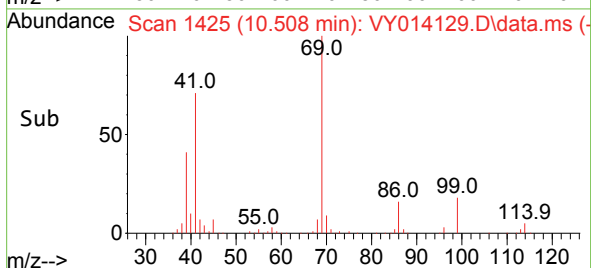
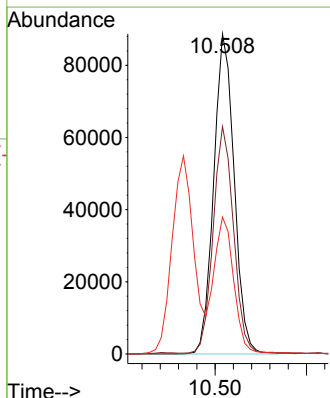
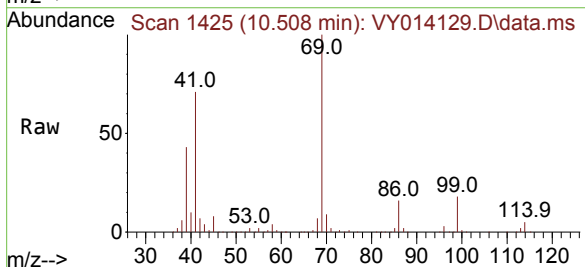
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

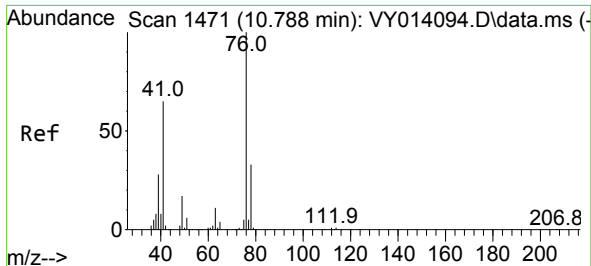
Tgt Ion:	97	Resp:	99171
Ion	Ratio	Lower	Upper
97	100		
83	85.7	72.0	108.0
85	57.3	45.4	68.0
99	63.6	50.3	75.5



#56
Ethyl methacrylate
Concen: 53.750 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

Tgt Ion:	69	Resp:	137932
Ion	Ratio	Lower	Upper
69	100		
41	70.7	57.6	86.4
39	41.2	34.1	51.1





#57

1,3-Dichloropropane

Concen: 52.207 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014129.D

Acq: 12 Jun 2023 18:39

Instrument :

MSVOA_Y

ClientSampleId :

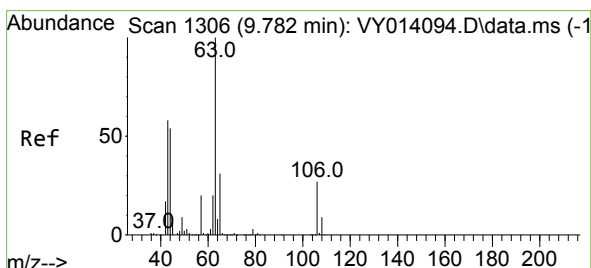
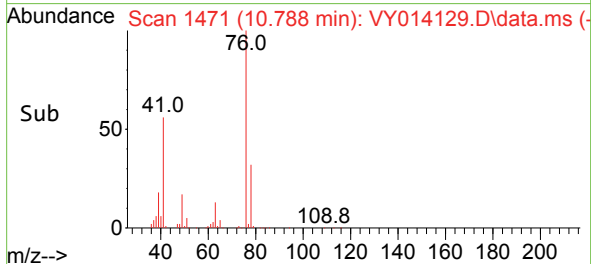
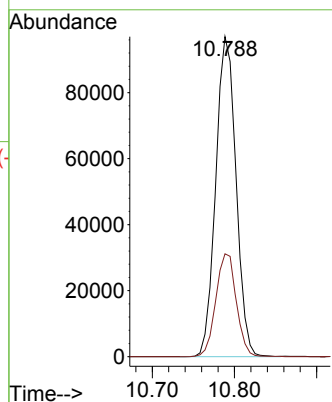
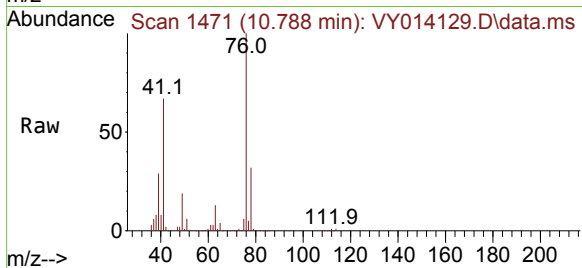
VSTDCCC050EC

Tgt Ion: 76 Resp: 166120

Ion Ratio Lower Upper

76 100

78 32.5 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 271.824 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY014129.D

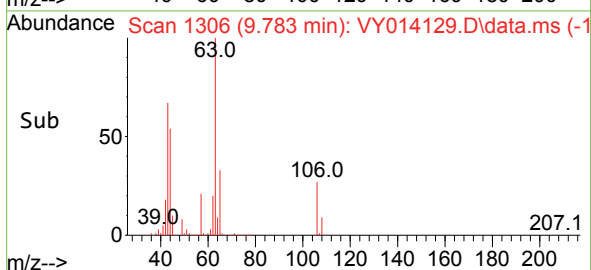
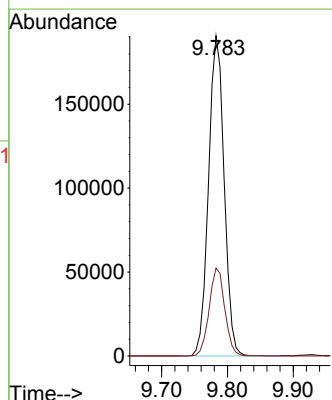
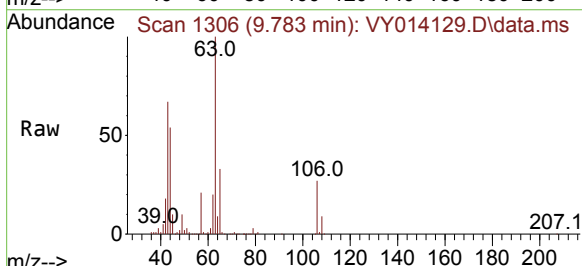
Acq: 12 Jun 2023 18:39

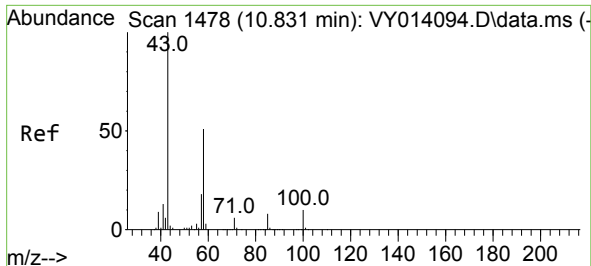
Tgt Ion: 63 Resp: 314931

Ion Ratio Lower Upper

63 100

106 27.5 21.2 31.8

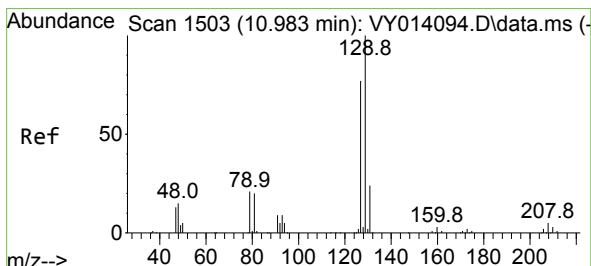
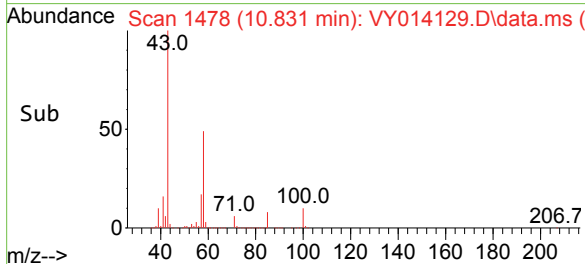
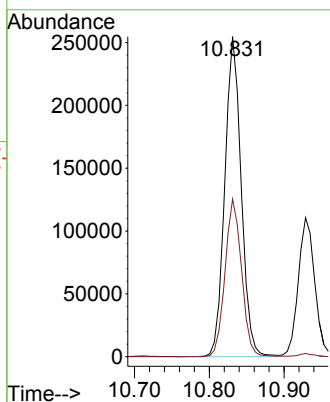
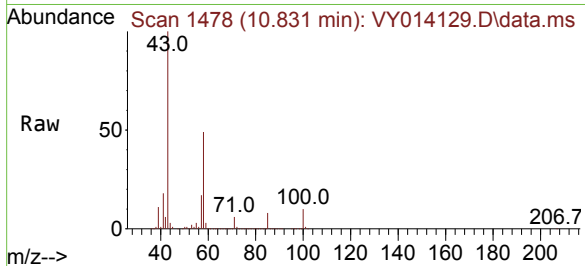




#59
2-Hexanone
Concen: 271.536 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

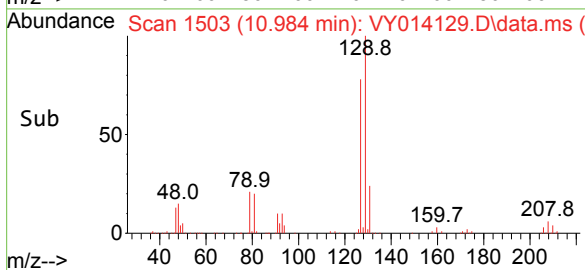
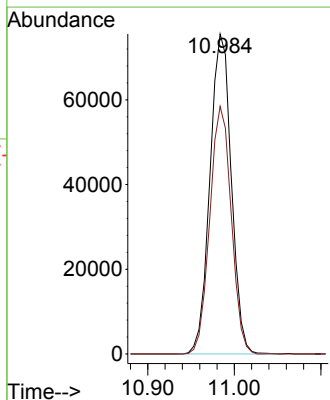
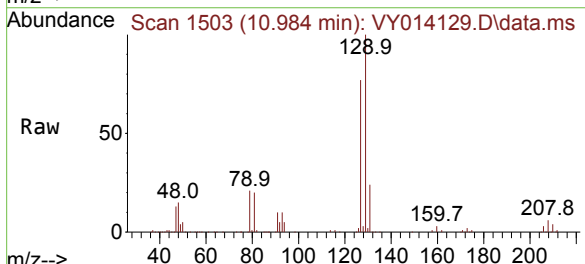
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

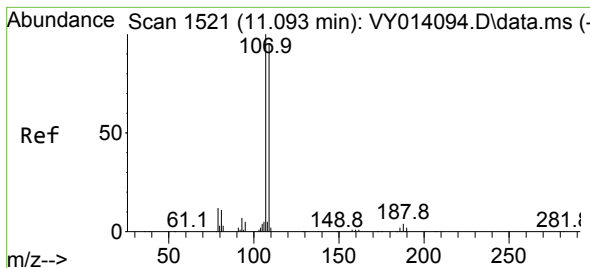
Tgt Ion: 43 Resp: 388749
Ion Ratio Lower Upper
43 100
58 49.5 25.1 75.3



#60
Dibromochloromethane
Concen: 54.263 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

Tgt Ion: 129 Resp: 129214
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5

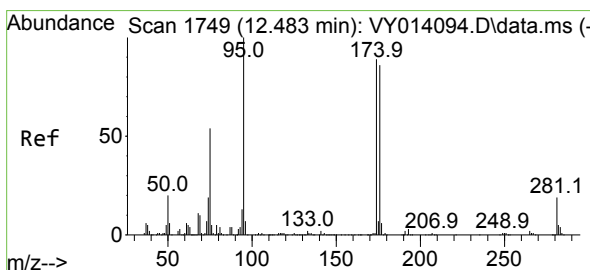
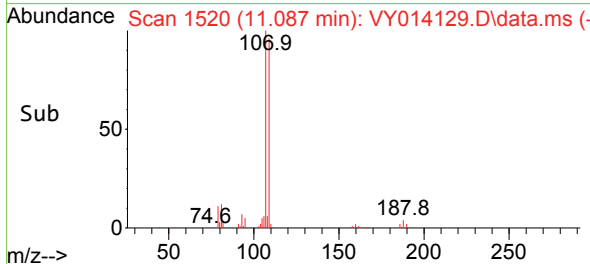
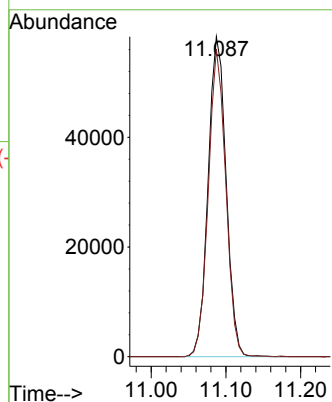
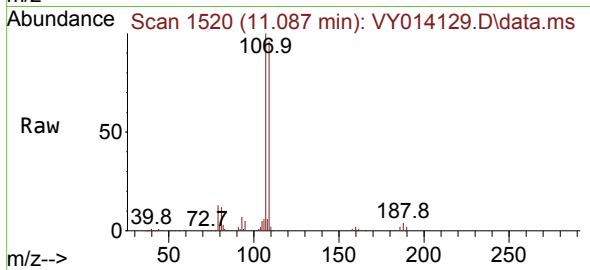




#61
1,2-Dibromoethane
Concen: 53.234 ug/l
RT: 11.087 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

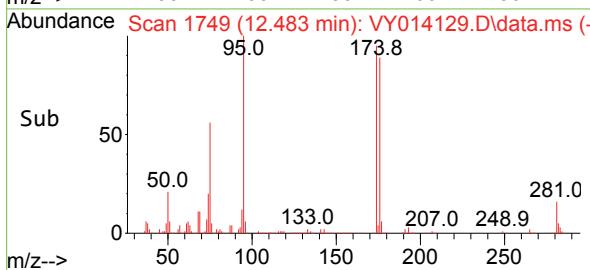
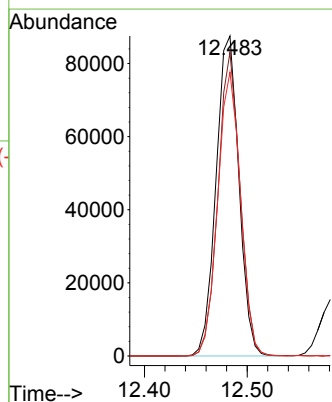
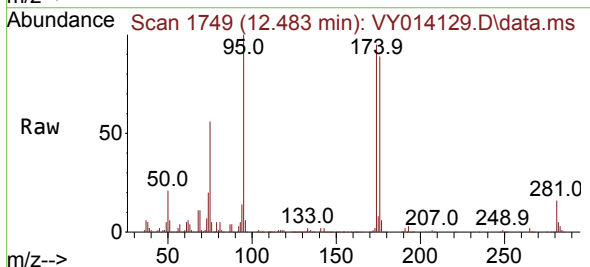
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

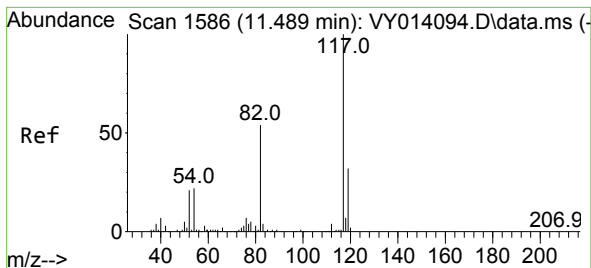
Tgt Ion:107 Resp: 97745
Ion Ratio Lower Upper
107 100
109 93.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.574 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

Tgt Ion: 95 Resp: 135118
Ion Ratio Lower Upper
95 100
174 91.5 0.0 178.2
176 88.7 0.0 173.8

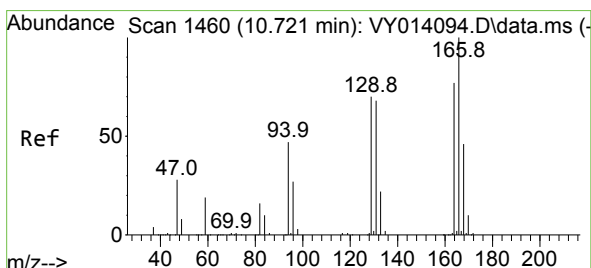
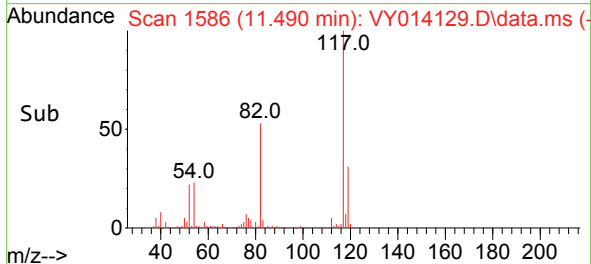
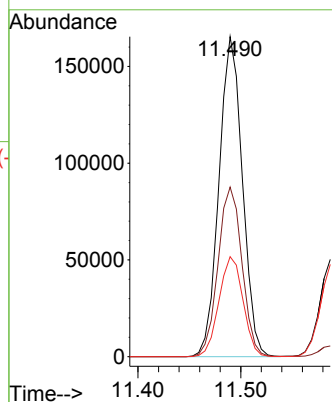
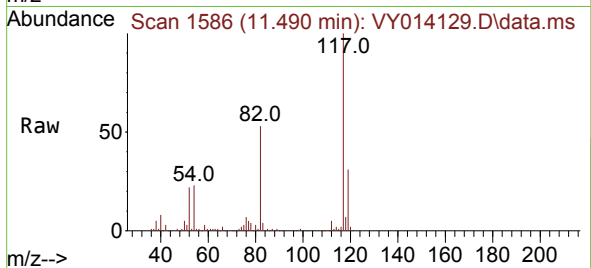




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

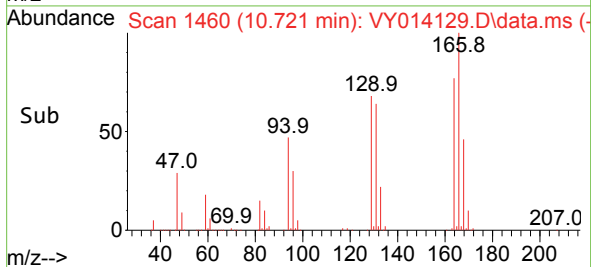
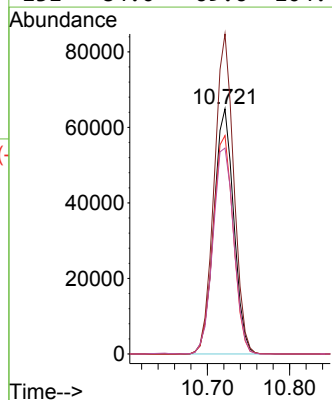
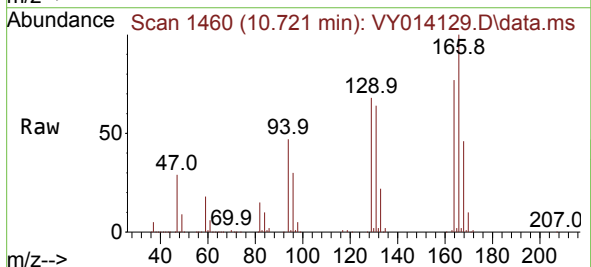
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

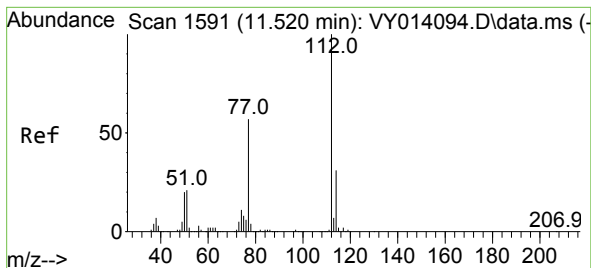
Tgt Ion:117 Resp: 261779
Ion Ratio Lower Upper
117 100
82 53.0 43.4 65.0
119 31.3 26.3 39.5



#64
Tetrachloroethene
Concen: 48.979 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

Tgt Ion:164 Resp: 109288
Ion Ratio Lower Upper
164 100
166 130.6 103.0 154.6
129 89.1 77.2 115.8
131 84.0 69.6 104.4





#65

Chlorobenzene

Concen: 49.977 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY014129.D

Acq: 12 Jun 2023 18:39

Instrument :

MSVOA_Y

ClientSampleId :

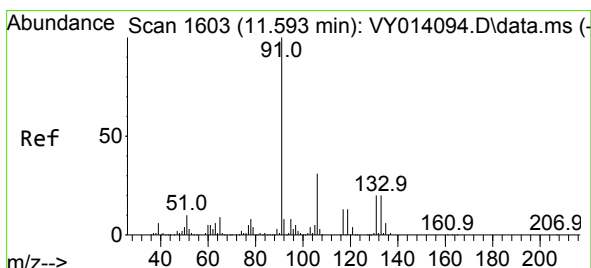
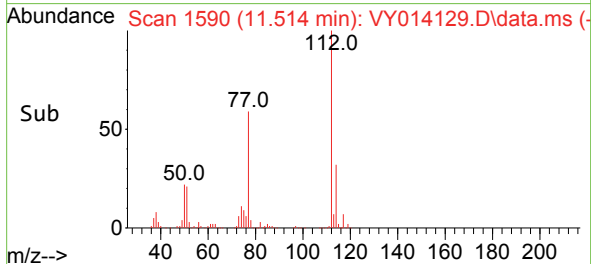
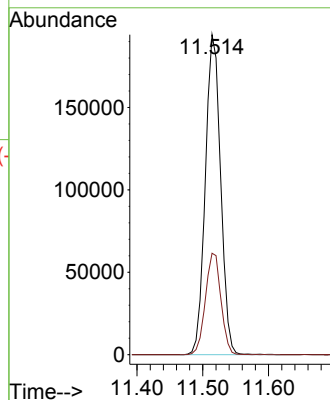
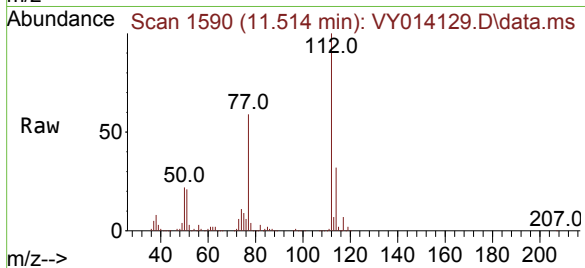
VSTDCCC050EC

Tgt Ion:112 Resp: 314363

Ion Ratio Lower Upper

112 100

114 31.7 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 51.749 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY014129.D

Acq: 12 Jun 2023 18:39

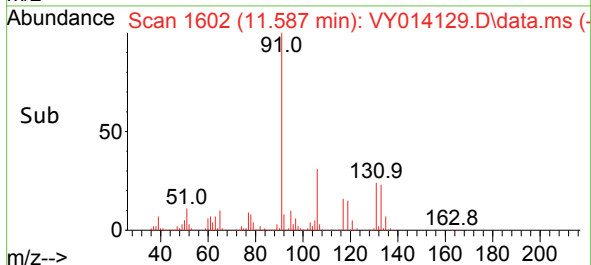
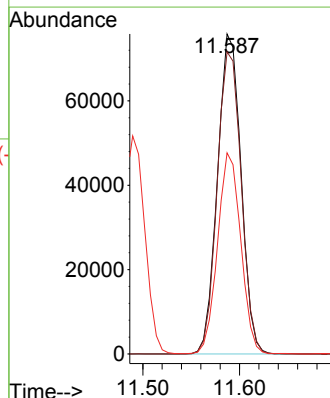
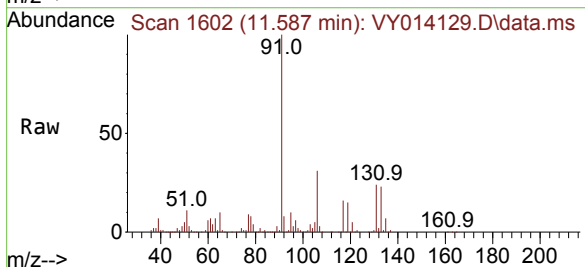
Tgt Ion:131 Resp: 128030

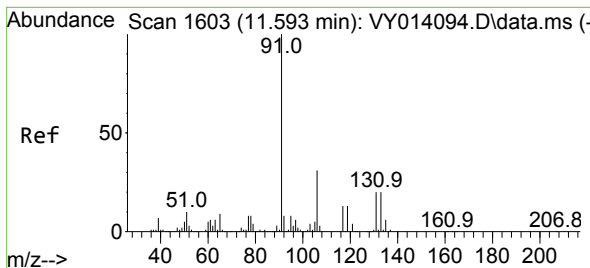
Ion Ratio Lower Upper

131 100

133 96.4 47.5 142.6

119 61.8 31.6 94.7

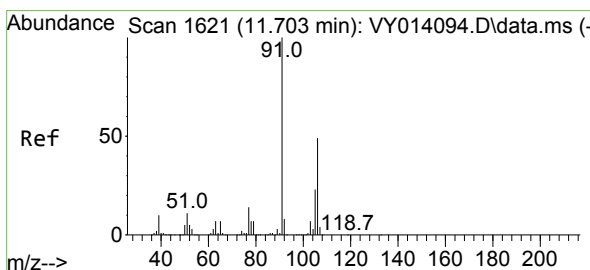
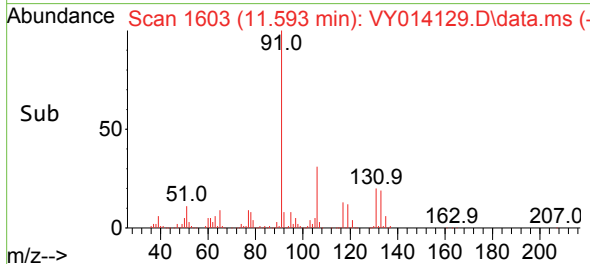
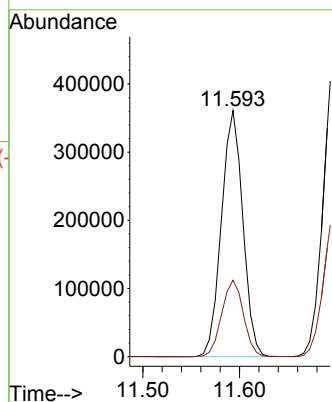
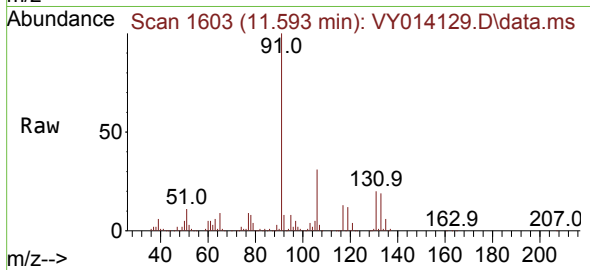




#67
Ethyl Benzene
Concen: 50.311 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

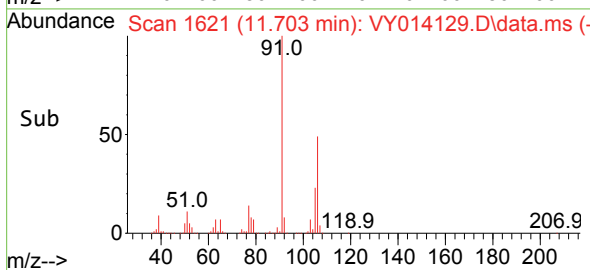
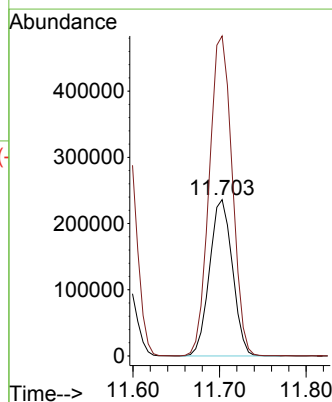
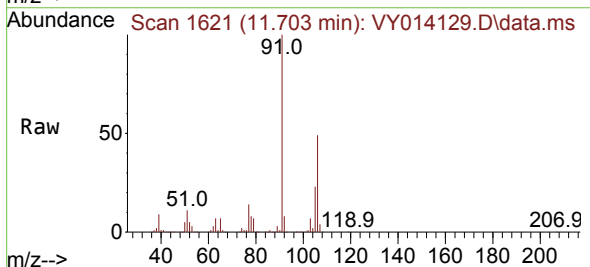
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

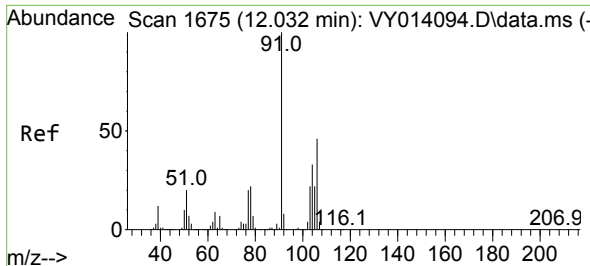
Tgt Ion: 91 Resp: 553935
Ion Ratio Lower Upper
91 100
106 31.1 24.6 36.8



#68
m/p-Xylenes
Concen: 102.289 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

Tgt Ion:106 Resp: 433193
Ion Ratio Lower Upper
106 100
91 205.5 166.1 249.1

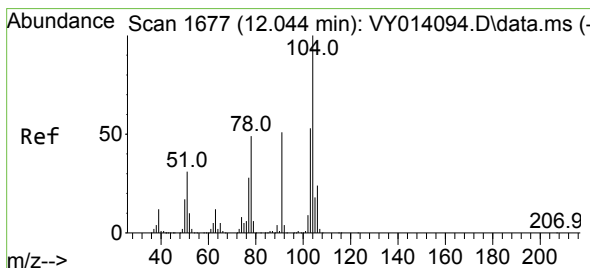
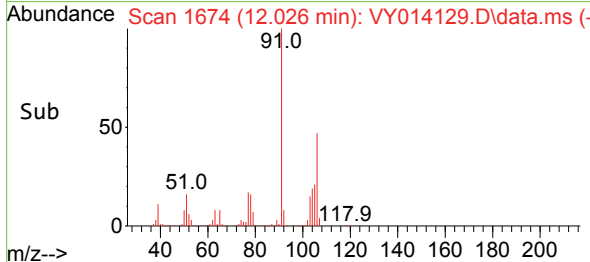
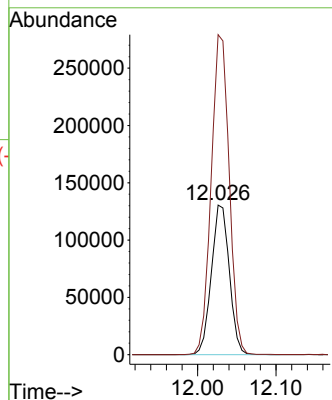
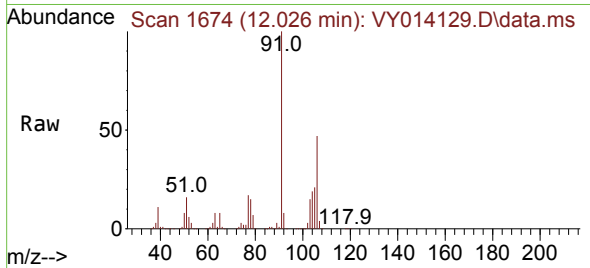




#69
o-Xylene
Concen: 51.851 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

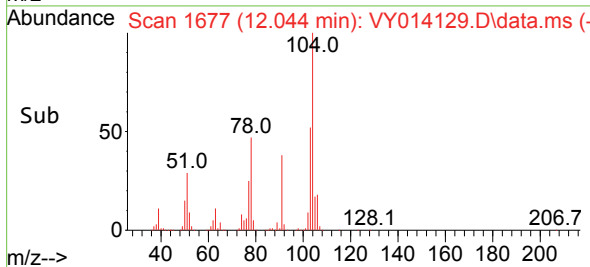
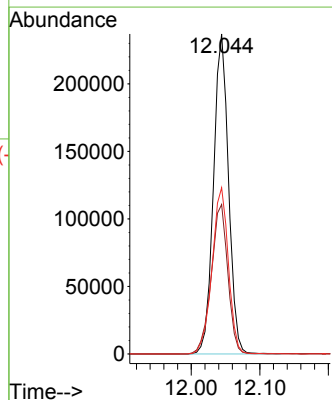
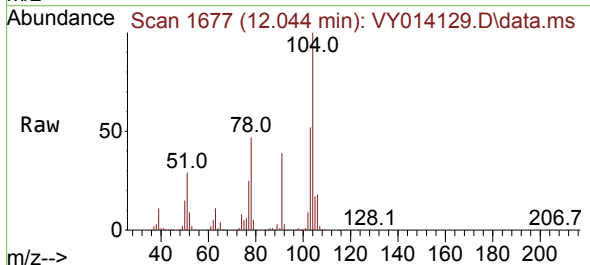
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

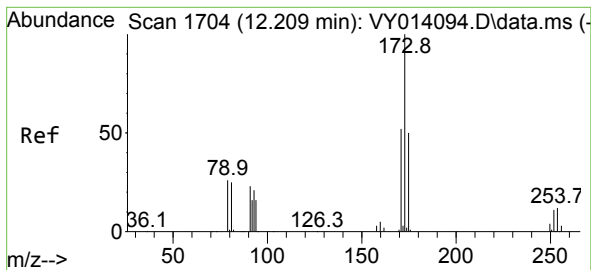
Tgt Ion:106 Resp: 207609
Ion Ratio Lower Upper
106 100
91 215.2 108.1 324.3



#70
Styrene
Concen: 52.912 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

Tgt Ion:104 Resp: 361582
Ion Ratio Lower Upper
104 100
78 51.5 41.5 62.3
103 56.4 44.6 67.0





#71

Bromoform

Concen: 54.605 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014129.D

Acq: 12 Jun 2023 18:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

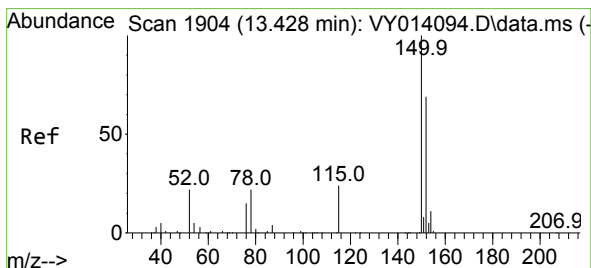
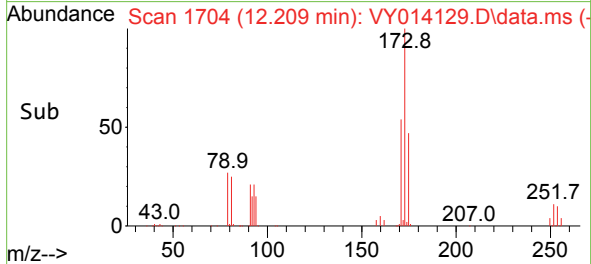
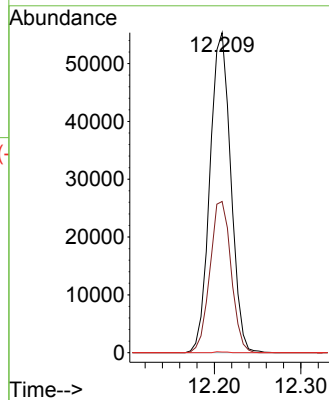
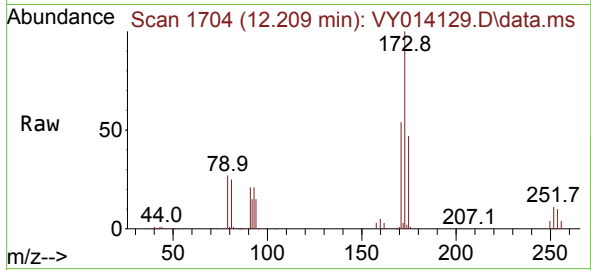
Tgt Ion:173 Resp: 92521

Ion Ratio Lower Upper

173 100

175 48.0 24.6 73.8

254 0.2 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014129.D

Acq: 12 Jun 2023 18:39

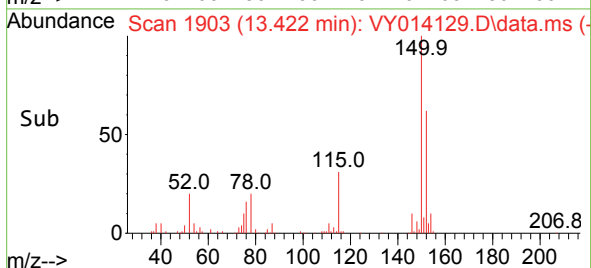
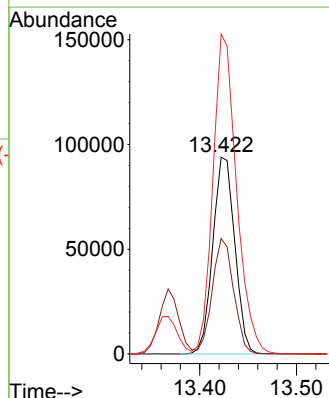
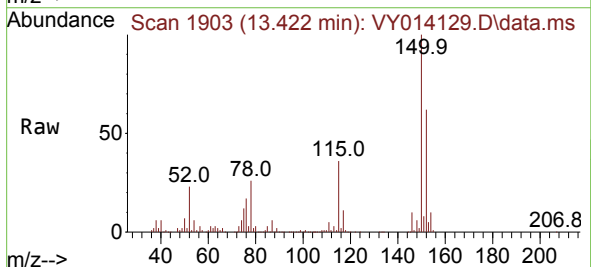
Tgt Ion:152 Resp: 148356

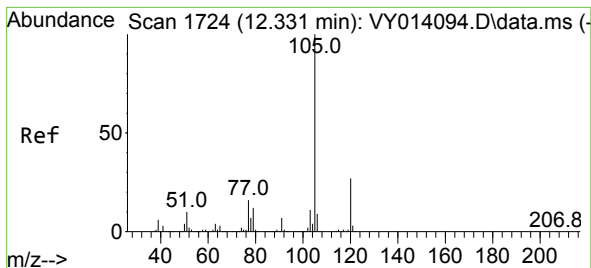
Ion Ratio Lower Upper

152 100

115 56.7 28.8 86.5

150 174.8 0.0 348.8





#73

Isopropylbenzene

Concen: 48.099 ug/l

RT: 12.331 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014129.D

Acq: 12 Jun 2023 18:39

Instrument :

MSVOA_Y

ClientSampleId :

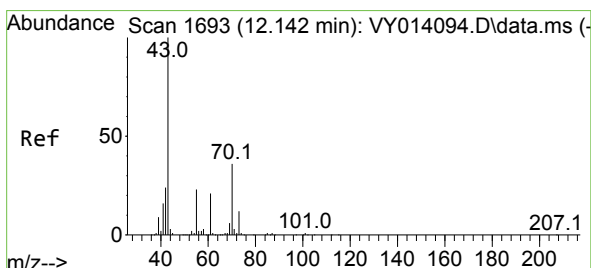
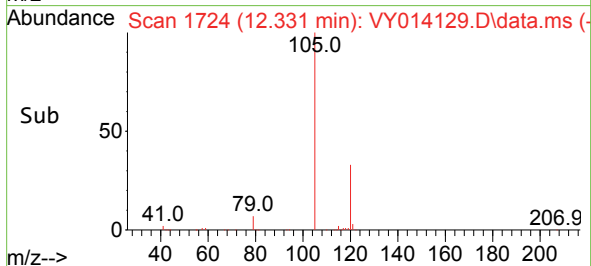
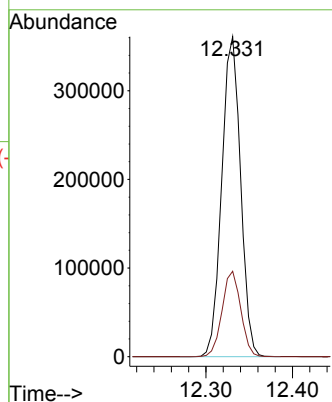
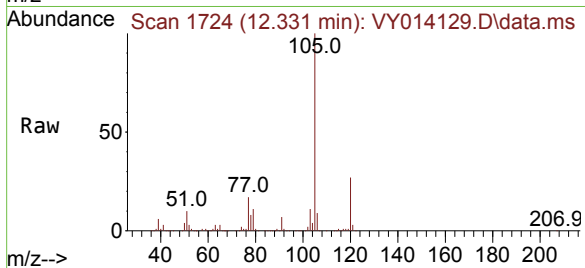
VSTDC0050EC

Tgt Ion:105 Resp: 544360

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.9



#74

N-ethyl acetate

Concen: 49.875 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014129.D

Acq: 12 Jun 2023 18:39

Tgt Ion: 43 Resp: 178875

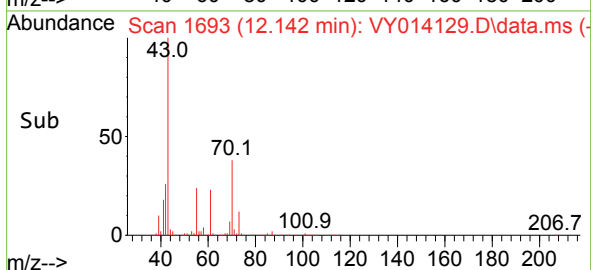
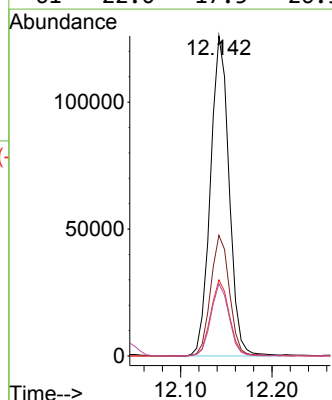
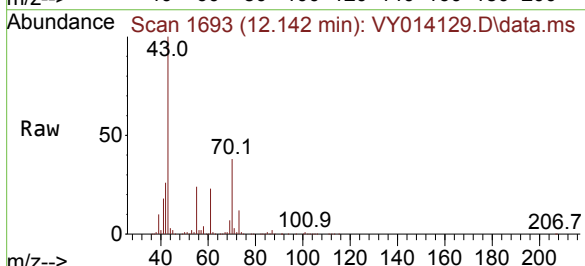
Ion Ratio Lower Upper

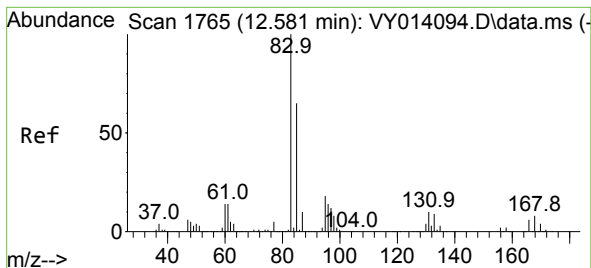
43 100

70 37.8 29.7 44.5

55 23.8 18.3 27.5

61 22.0 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 50.687 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY014129.D

Acq: 12 Jun 2023 18:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

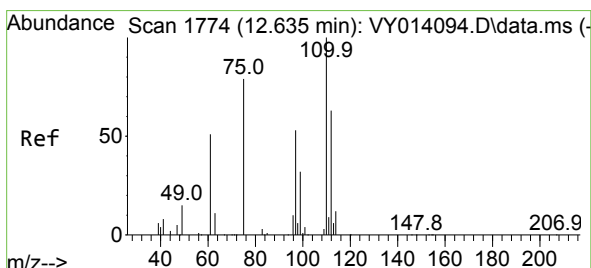
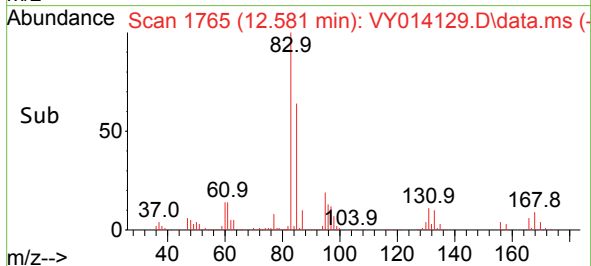
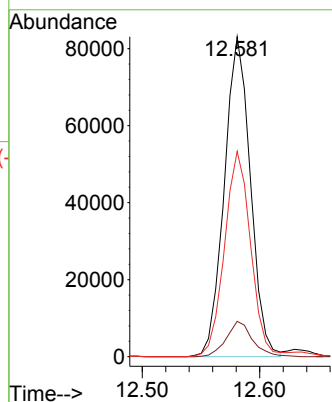
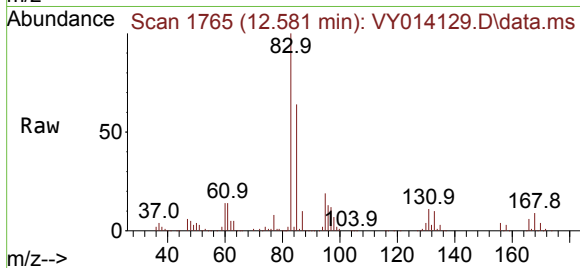
Tgt Ion: 83 Resp: 128181

Ion Ratio Lower Upper

83 100

131 11.1 5.4 16.2

85 64.3 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 86.622 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.005 min

Lab File: VY014129.D

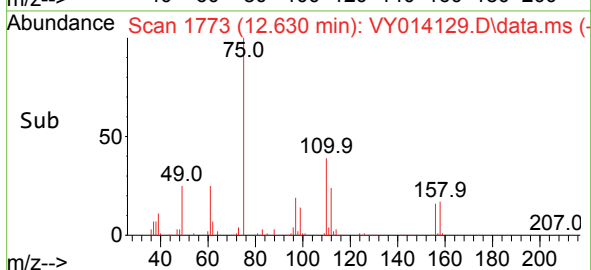
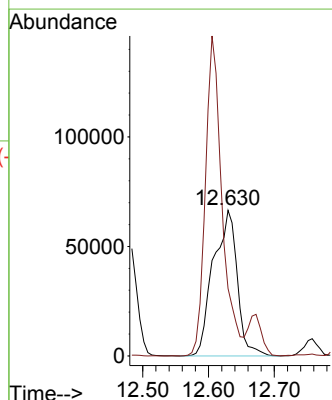
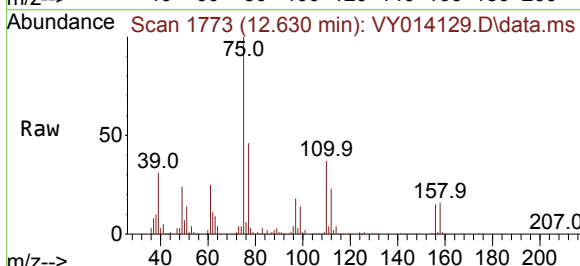
Acq: 12 Jun 2023 18:39

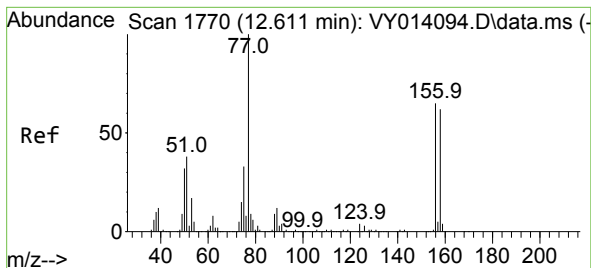
Tgt Ion: 75 Resp: 168600

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.815 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY014129.D

Acq: 12 Jun 2023 18:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

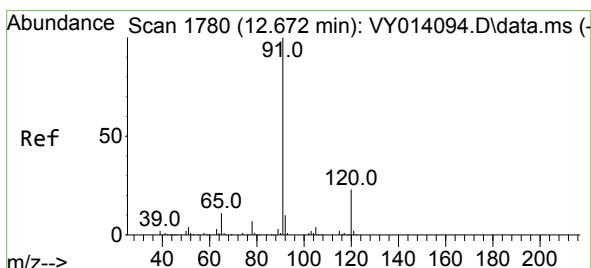
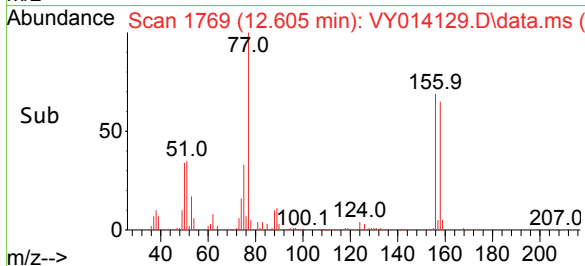
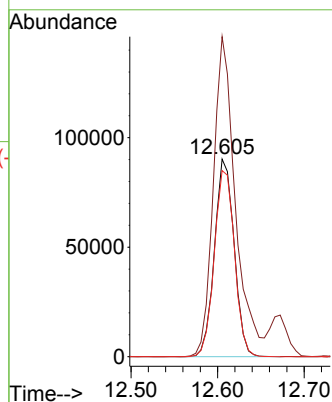
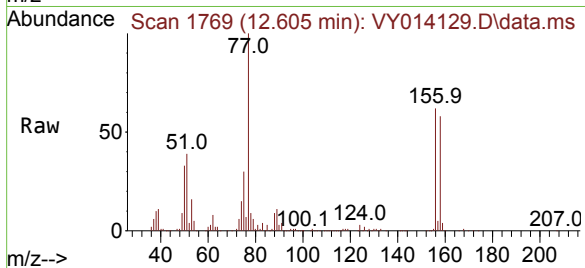
Tgt Ion:156 Resp: 142231

Ion Ratio Lower Upper

156 100

77 181.9 92.8 278.6

158 97.1 48.4 145.3



#78

n-propylbenzene

Concen: 48.744 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY014129.D

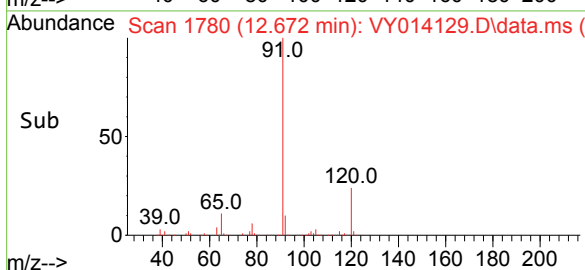
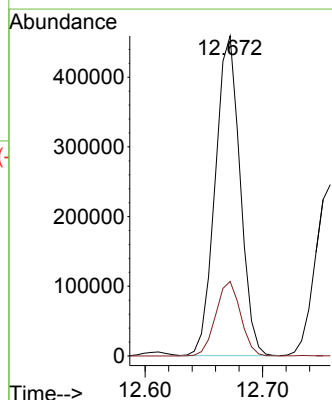
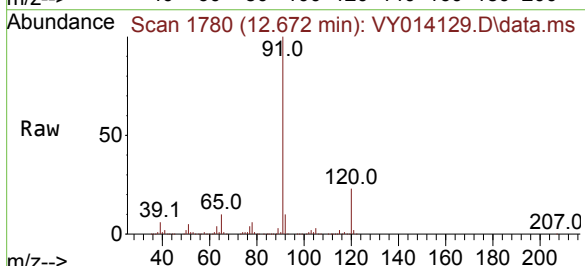
Acq: 12 Jun 2023 18:39

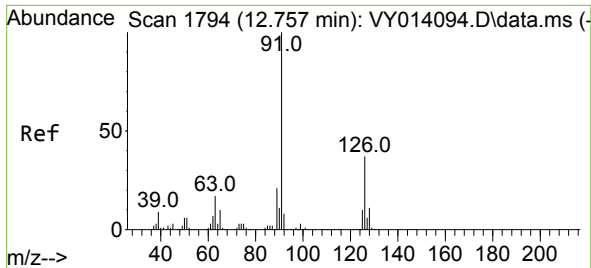
Tgt Ion: 91 Resp: 673804

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4

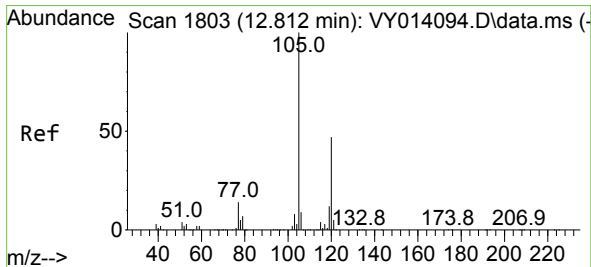
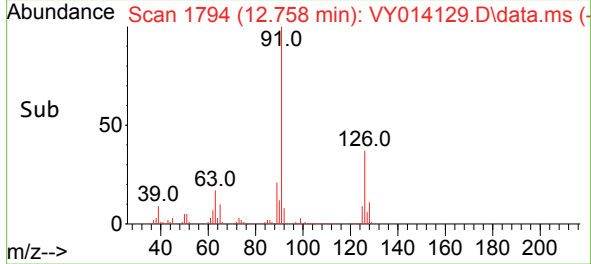
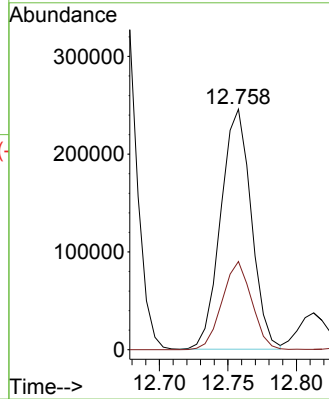
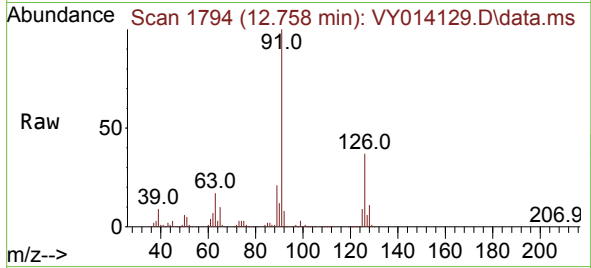




#79
2-Chlorotoluene
Concen: 48.033 ug/l
RT: 12.758 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

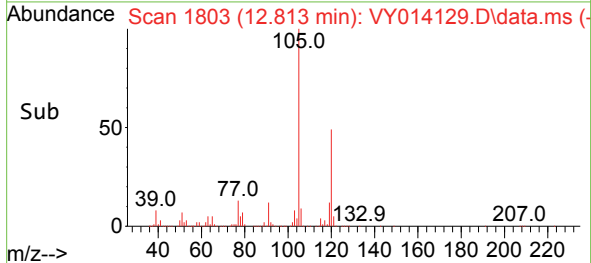
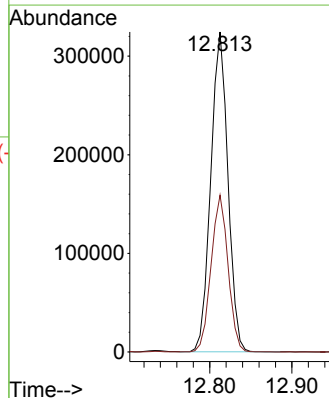
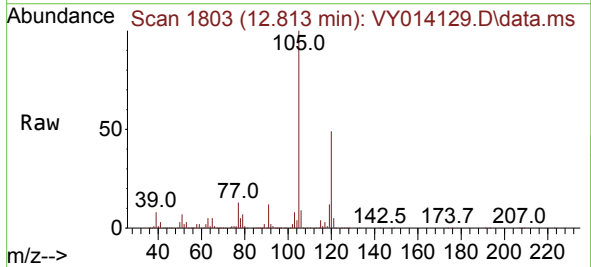
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

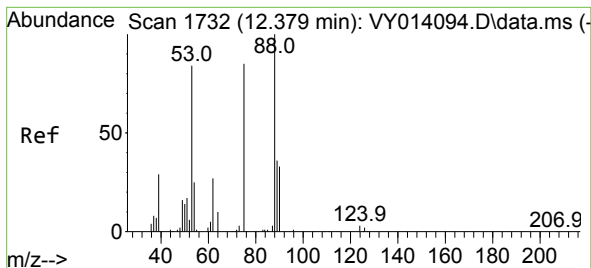
Tgt Ion: 91 Resp: 382052
Ion Ratio Lower Upper
91 100
126 35.5 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 48.529 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

Tgt Ion: 105 Resp: 470279
Ion Ratio Lower Upper
105 100
120 48.7 23.9 71.7

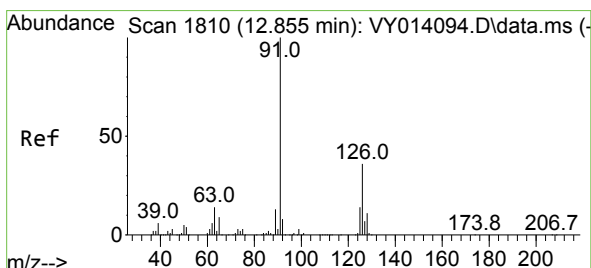
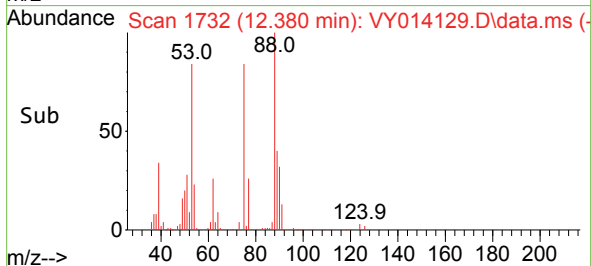
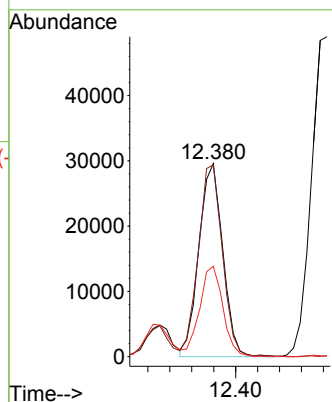
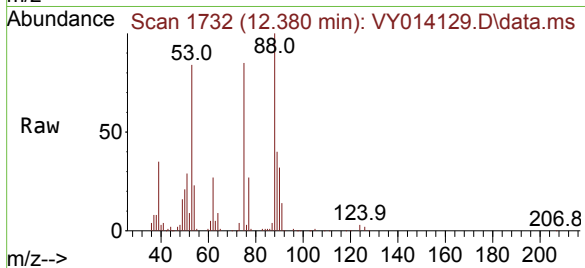




#81
trans-1,4-Dichloro-2-butene
Concen: 49.739 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

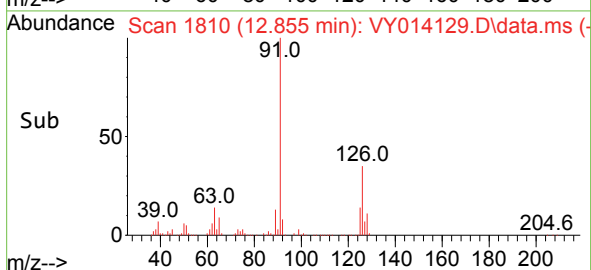
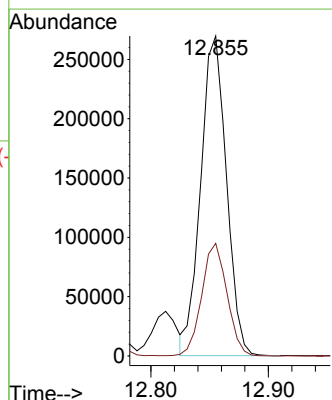
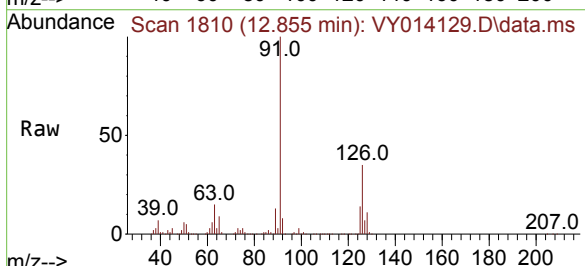
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

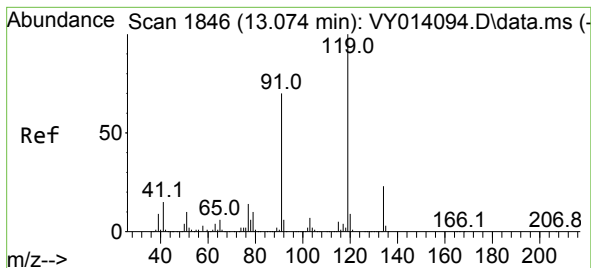
Tgt Ion: 75 Resp: 44787
Ion Ratio Lower Upper
75 100
53 100.2 77.8 116.8
89 46.0 37.4 56.0



#82
4-Chlorotoluene
Concen: 48.663 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

Tgt Ion: 91 Resp: 410174
Ion Ratio Lower Upper
91 100
126 34.7 17.2 51.6





#83

tert-Butylbenzene

Concen: 49.218 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY014129.D

Acq: 12 Jun 2023 18:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

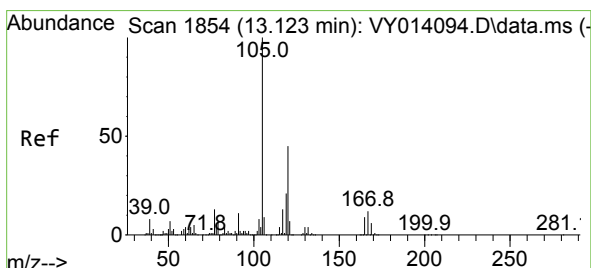
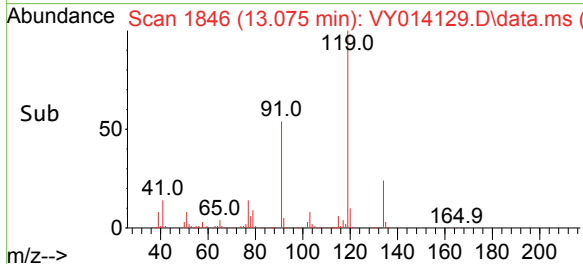
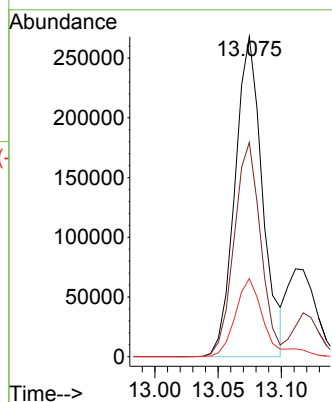
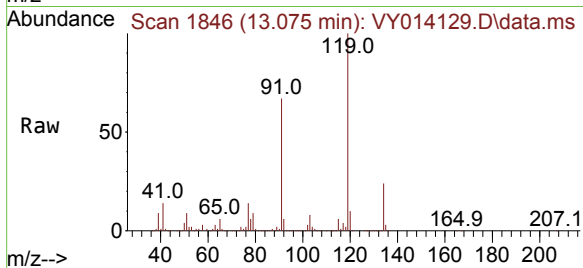
Tgt Ion:119 Resp: 405315

Ion Ratio Lower Upper

119 100

91 64.8 32.9 98.6

134 25.7 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 49.317 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY014129.D

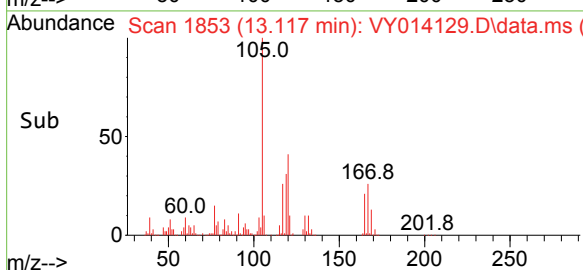
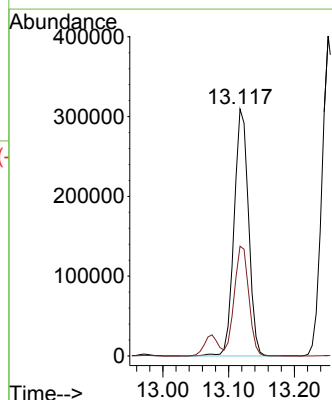
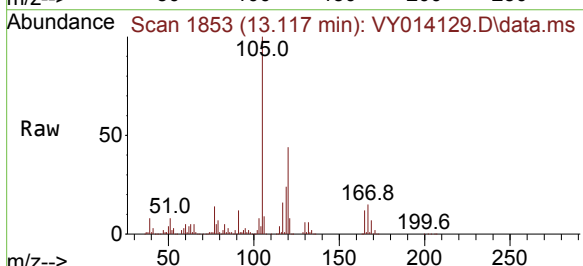
Acq: 12 Jun 2023 18:39

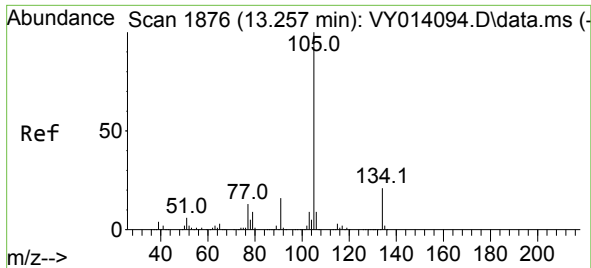
Tgt Ion:105 Resp: 473078

Ion Ratio Lower Upper

105 100

120 44.6 22.2 66.6

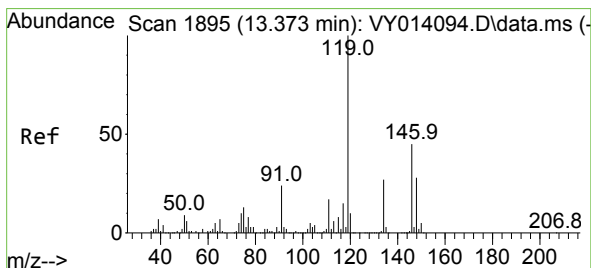
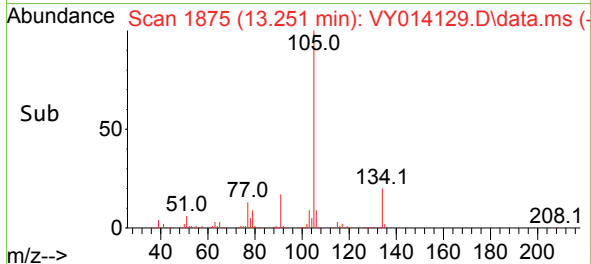
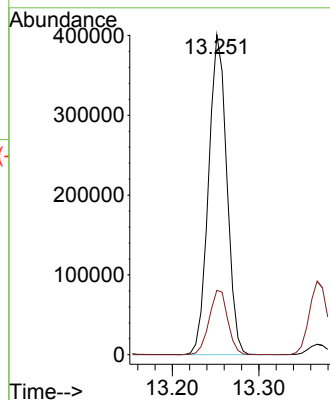
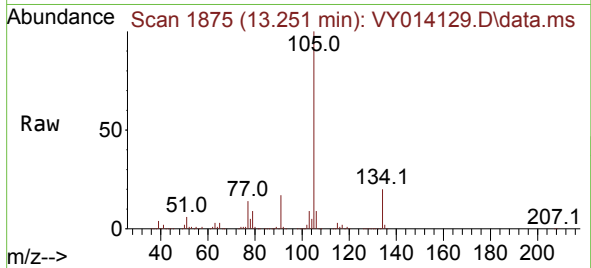




#85
 sec-Butylbenzene
 Concen: 48.974 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: VY014129.D
 Acq: 12 Jun 2023 18:39

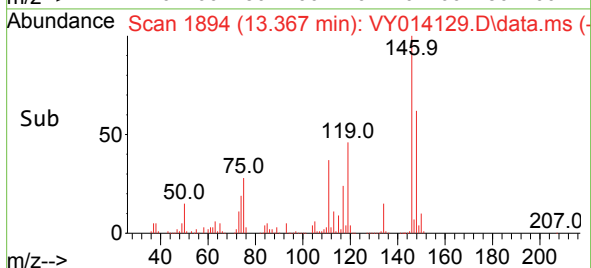
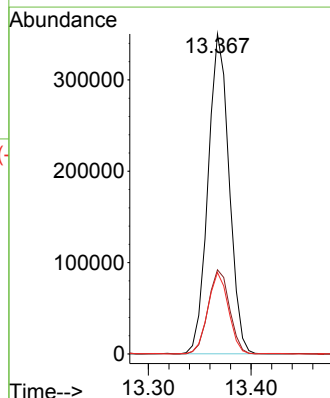
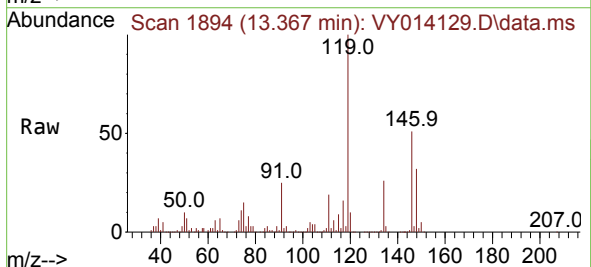
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

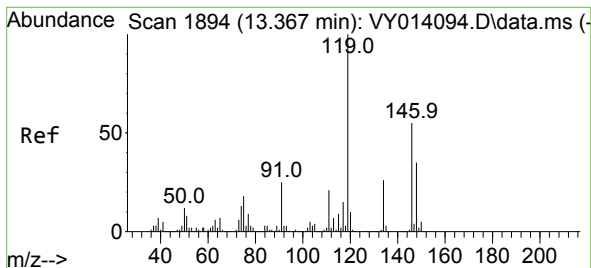
Tgt Ion:105 Resp: 586343
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 48.490 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: VY014129.D
 Acq: 12 Jun 2023 18:39

Tgt Ion:119 Resp: 496861
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.3 39.8
 91 24.9 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 48.521 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014129.D

Acq: 12 Jun 2023 18:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

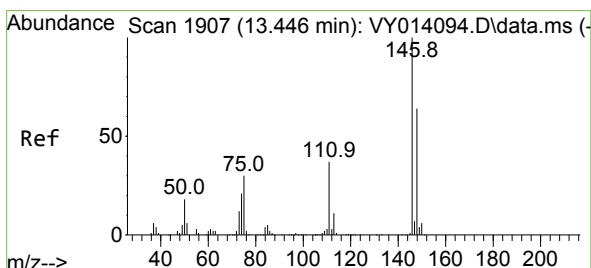
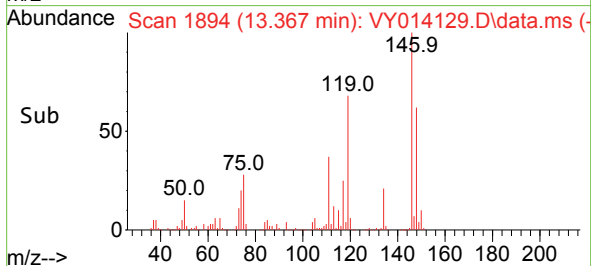
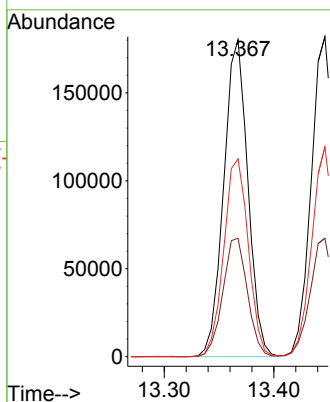
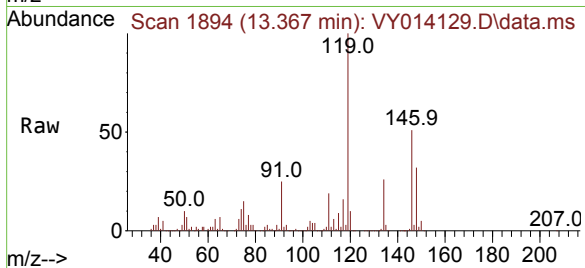
Tgt Ion:146 Resp: 275569

Ion Ratio Lower Upper

146 100

111 38.1 19.4 58.2

148 63.5 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 48.075 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.001 min

Lab File: VY014129.D

Acq: 12 Jun 2023 18:39

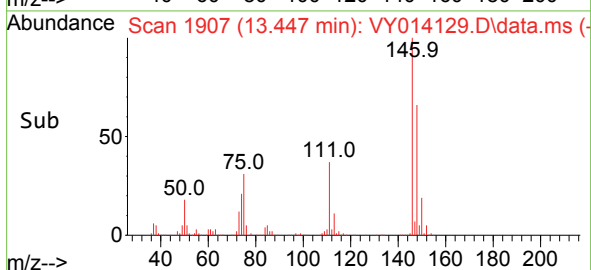
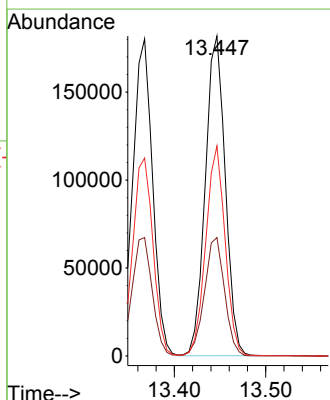
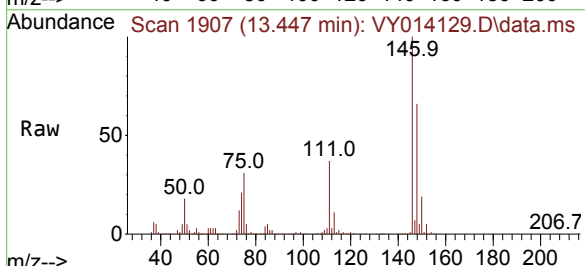
Tgt Ion:146 Resp: 275095

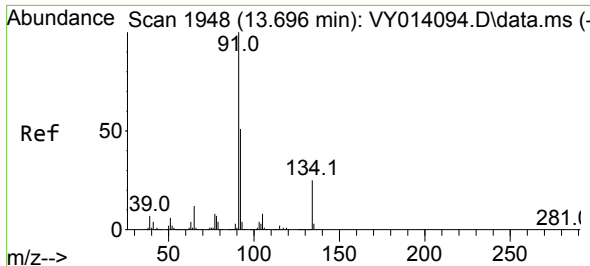
Ion Ratio Lower Upper

146 100

111 37.5 18.9 56.7

148 64.0 32.1 96.5

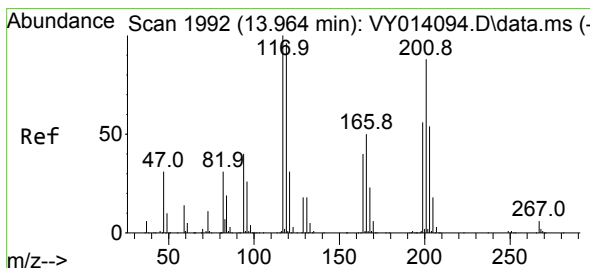
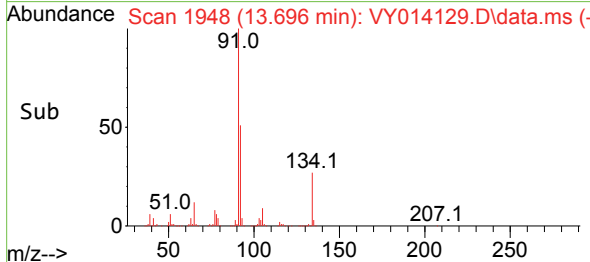
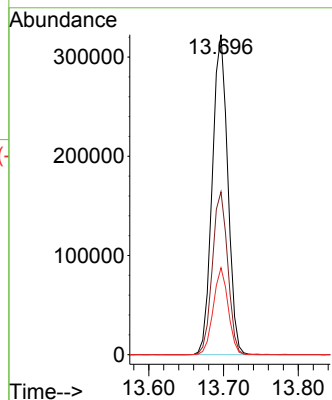
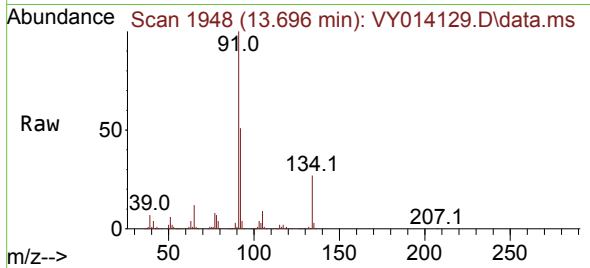




#89
n-Butylbenzene
Concen: 48.790 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

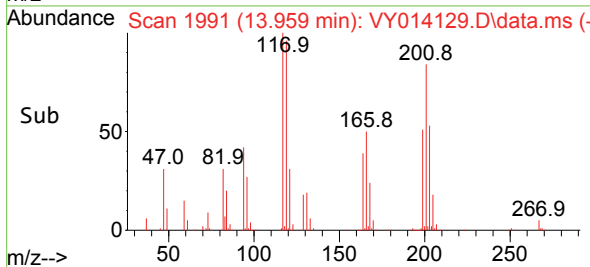
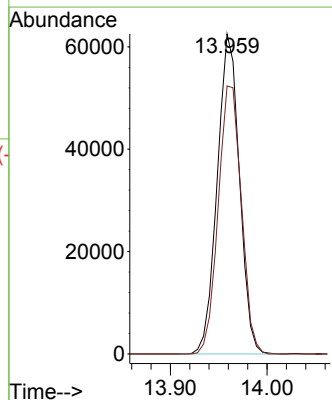
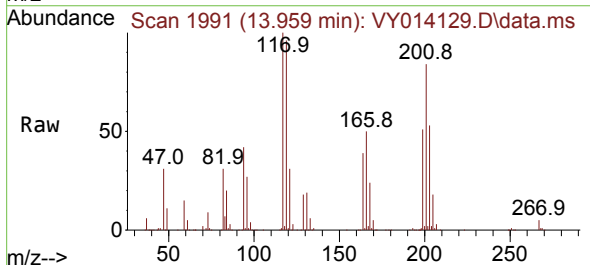
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

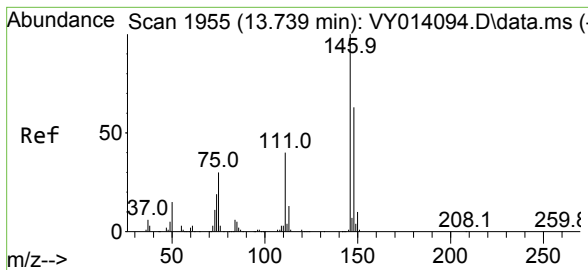
Tgt Ion: 91 Resp: 463690
Ion Ratio Lower Upper
91 100
92 50.7 25.4 76.0
134 26.2 12.6 37.6



#90
Hexachloroethane
Concen: 48.721 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.005 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

Tgt Ion: 117 Resp: 99478
Ion Ratio Lower Upper
117 100
201 87.4 41.6 124.8

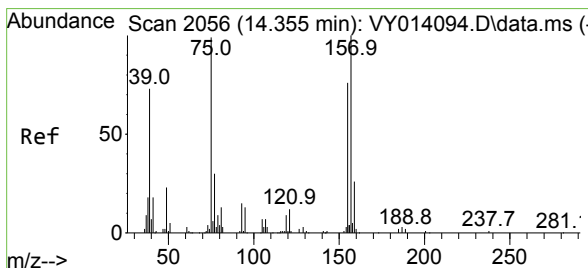
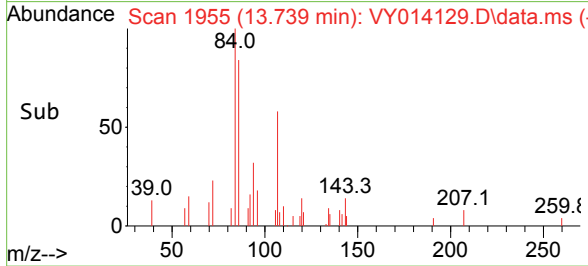
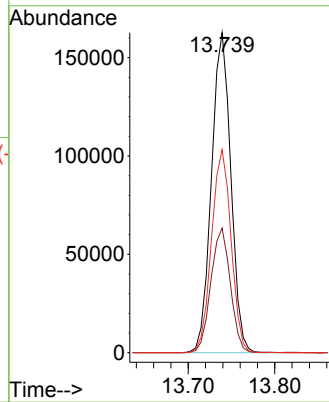
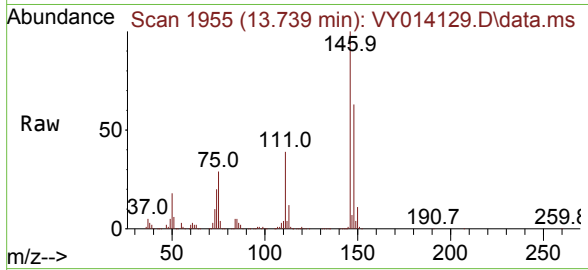




#91
 1,2-Dichlorobenzene
 Concen: 49.457 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY014129.D
 Acq: 12 Jun 2023 18:39

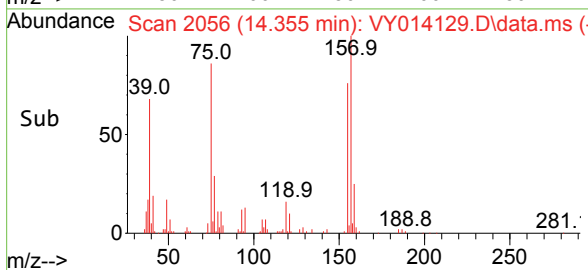
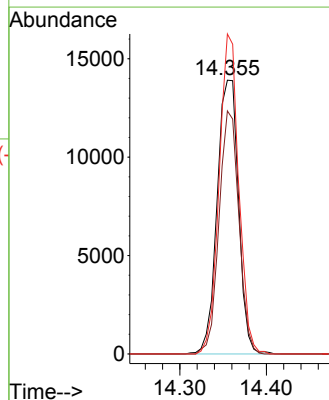
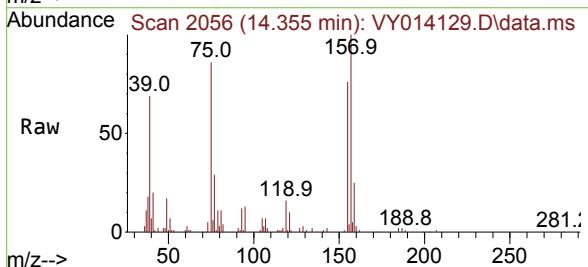
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

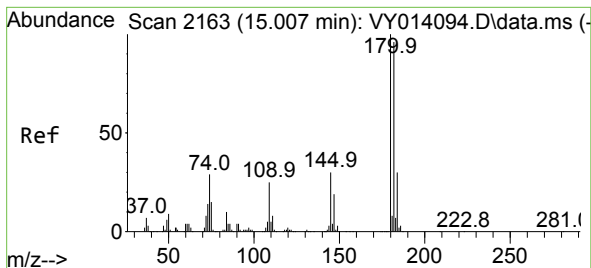
Tgt Ion:146 Resp: 252272
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.7 59.0
 148 64.0 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.566 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.000 min
 Lab File: VY014129.D
 Acq: 12 Jun 2023 18:39

Tgt Ion: 75 Resp: 23870
 Ion Ratio Lower Upper
 75 100
 155 82.3 41.5 124.6
 157 107.1 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 49.260 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014129.D

Acq: 12 Jun 2023 18:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

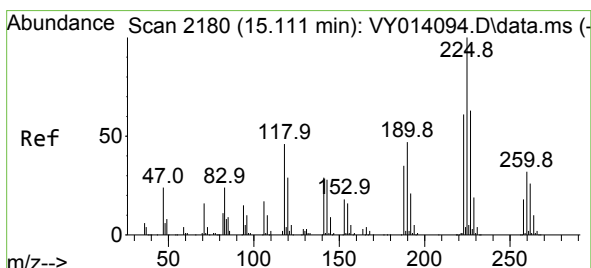
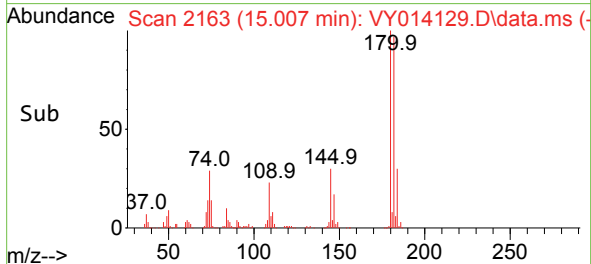
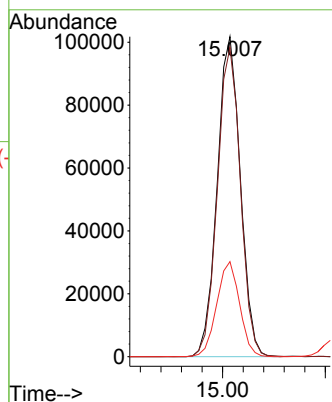
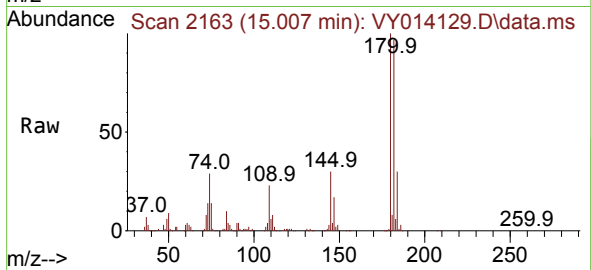
Tgt Ion:180 Resp: 159174

Ion Ratio Lower Upper

180 100

182 95.9 47.0 141.2

145 29.3 14.5 43.5



#94

Hexachlorobutadiene

Concen: 50.873 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014129.D

Acq: 12 Jun 2023 18:39

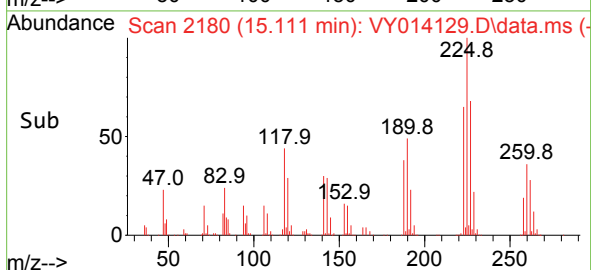
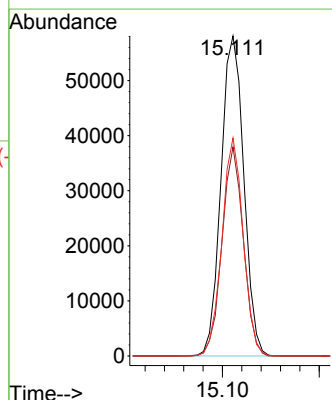
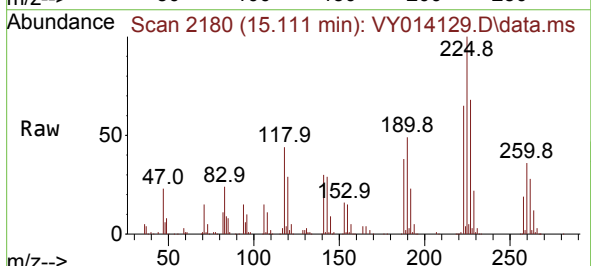
Tgt Ion:225 Resp: 94905

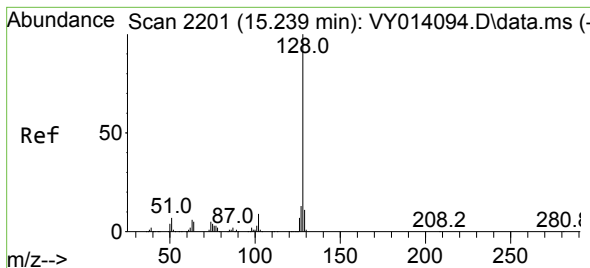
Ion Ratio Lower Upper

225 100

223 61.1 31.9 95.9

227 63.6 33.0 98.9





#95

Naphthalene

Concen: 50.708 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.006 min

Lab File: VY014129.D

Acq: 12 Jun 2023 18:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

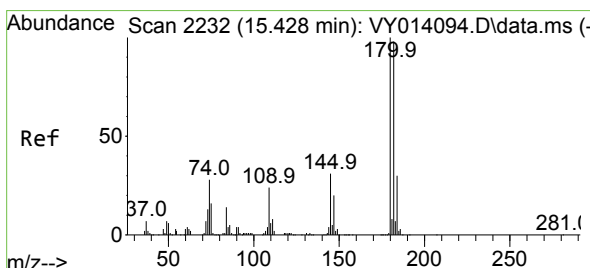
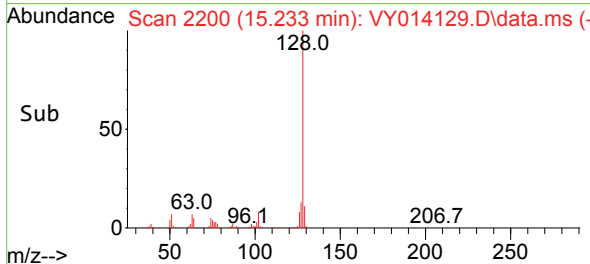
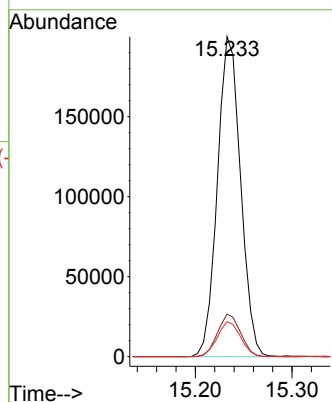
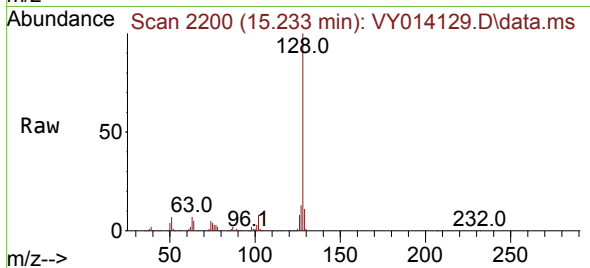
Tgt Ion:128 Resp: 332582

Ion Ratio Lower Upper

128 100

127 13.2 10.8 16.2

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 49.592 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY014129.D

Acq: 12 Jun 2023 18:39

Tgt Ion:180 Resp: 144802

Ion Ratio Lower Upper

180 100

182 94.3 47.3 141.8

145 30.7 15.4 46.2

