

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063023\
 Data File : VY014529.D
 Acq On : 30 Jun 2023 20:37
 Operator : KP/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jun 30 23:22:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	419049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	636857	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	598551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	315262	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	215311	51.650	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.300%	
35) Dibromofluoromethane	7.716	113	203703	51.941	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.880%	
50) Toluene-d8	10.179	98	792136	51.095	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.180%	
62) 4-Bromofluorobenzene	12.477	95	280678	52.138	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.280%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	148230	49.322	ug/l	96
3) Chloromethane	2.113	50	229533	47.295	ug/l	97
4) Vinyl Chloride	2.247	62	269089	48.103	ug/l	97
5) Bromomethane	2.637	94	208334	48.028	ug/l	98
6) Chloroethane	2.784	64	176793	49.083	ug/l	97
7) Trichlorofluoromethane	3.119	101	322273	47.435	ug/l	99
8) Diethyl Ether	3.527	74	131679	51.187	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.899	101	191127	47.108	ug/l	97
10) Methyl Iodide	4.082	142	234757	50.705	ug/l	92
11) Tert butyl alcohol	4.954	59	178262	246.534	ug/l #	82
12) 1,1-Dichloroethene	3.869	96	195265	49.680	ug/l	88
13) Acrolein	3.723	56	135881	245.743	ug/l	100
14) Allyl chloride	4.472	41	301138	50.832	ug/l	87
15) Acrylonitrile	5.161	53	387327	262.277	ug/l	98
16) Acetone	3.948	43	298855	229.566	ug/l	89
17) Carbon Disulfide	4.192	76	596597	49.809	ug/l	99
18) Methyl Acetate	4.472	43	310659	52.422	ug/l #	90
19) Methyl tert-butyl Ether	5.222	73	605076	53.564	ug/l	99
20) Methylene Chloride	4.710	84	248825	53.277	ug/l	86
21) trans-1,2-Dichloroethene	5.216	96	225550	50.697	ug/l	94
22) Diisopropyl ether	6.118	45	648122	53.094	ug/l #	87
23) Vinyl Acetate	6.057	43	1889167	267.492	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	390678	50.980	ug/l	98
25) 2-Butanone	6.984	43	485217	251.721	ug/l	91
26) 2,2-Dichloropropane	6.978	77	302422	46.300	ug/l	94
27) cis-1,2-Dichloroethene	6.984	96	262850	52.082	ug/l	89
28) Bromochloromethane	7.332	49	167562	52.073	ug/l #	83
29) Tetrahydrofuran	7.344	42	331444	266.576	ug/l #	85
30) Chloroform	7.502	83	405150	50.682	ug/l	97
31) Cyclohexane	7.783	56	312202	47.737	ug/l	92
32) 1,1,1-Trichloroethane	7.704	97	338926	49.601	ug/l	97
36) 1,1-Dichloropropene	7.917	75	298135	49.641	ug/l	98
37) Ethyl Acetate	7.076	43	208943	50.729	ug/l #	91
38) Carbon Tetrachloride	7.899	117	301938	48.159	ug/l	99
39) Methylcyclohexane	9.185	83	355834	49.568	ug/l	94
40) Benzene	8.161	78	907893	49.939	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	292838	145.532	ug/l #	17
42) 1,2-Dichloroethane	8.234	62	267234	50.010	ug/l	93
43) Isopropyl Acetate	8.270	43	361563	51.800	ug/l #	92
44) Trichloroethene	8.941	130	250032	49.332	ug/l	96
45) 1,2-Dichloropropane	9.215	63	234681	50.319	ug/l	96
46) Dibromomethane	9.307	93	143520	50.548	ug/l	94
47) Bromodichloromethane	9.496	83	313670	50.140	ug/l	99
48) Methyl methacrylate	9.289	41	168227	52.999	ug/l #	78
49) 1,4-Dioxane	9.295	88	54578	1076.484	ug/l #	64
51) 4-Methyl-2-Pentanone	10.069	43	1069502	258.812	ug/l	88
52) Toluene	10.240	92	574294	50.199	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	343305	51.317	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	378279	50.680	ug/l #	85
55) 1,1,2-Trichloroethane	10.642	97	211379	51.164	ug/l	98
56) Ethyl methacrylate	10.508	69	305483	54.357	ug/l #	78
57) 1,3-Dichloropropane	10.788	76	346627	51.493	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	740336	271.924	ug/l	96
59) 2-Hexanone	10.831	43	777353	260.416	ug/l	85
60) Dibromochloromethane	10.983	129	247092	51.042	ug/l	100
61) 1,2-Dibromoethane	11.087	107	206553	51.211	ug/l	99
64) Tetrachloroethene	10.715	164	266115	49.735	ug/l	95
65) Chlorobenzene	11.514	112	626406	49.108	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	241708	49.856	ug/l	99
67) Ethyl Benzene	11.593	91	1095385	50.357	ug/l	97
68) m/p-Xylenes	11.697	106	866113	100.379	ug/l	94
69) o-Xylene	12.026	106	415268	50.743	ug/l	95
70) Styrene	12.044	104	720209	51.151	ug/l	96
71) Bromoform	12.203	173	186590	50.660	ug/l	99
73) Isopropylbenzene	12.325	105	1066308	51.644	ug/l	99
74) N-amyl acetate	12.142	43	320368	51.410	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	270823	51.113	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	345910	93.502	ug/l #	100
77) Bromobenzene	12.605	156	290786	51.563	ug/l	95
78) n-propylbenzene	12.666	91	1285402	51.036	ug/l	98
79) 2-Chlorotoluene	12.751	91	741122	51.131	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	902204	51.615	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.373	75	95412	50.199	ug/l #	85
82) 4-Chlorotoluene	12.855	91	764499	50.345	ug/l	98
83) tert-Butylbenzene	13.074	119	789131	51.370	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	902492	51.742	ug/l	97
85) sec-Butylbenzene	13.251	105	1156657	51.025	ug/l	100
86) p-Isopropyltoluene	13.367	119	983549	51.557	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	544717	49.402	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	544513	49.276	ug/l	99
89) n-Butylbenzene	13.696	91	893102	50.658	ug/l	97
90) Hexachloroethane	13.958	117	186858	49.449	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	507459	50.809	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	49150	50.667	ug/l	84
93) 1,2,4-Trichlorobenzene	15.001	180	330698	51.263	ug/l	99
94) Hexachlorobutadiene	15.111	225	191818	48.380	ug/l	97
95) Naphthalene	15.233	128	734586	53.522	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	301601	51.312	ug/l	99

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ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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QLast Update : Fri Jun 30 19:02:11 2023
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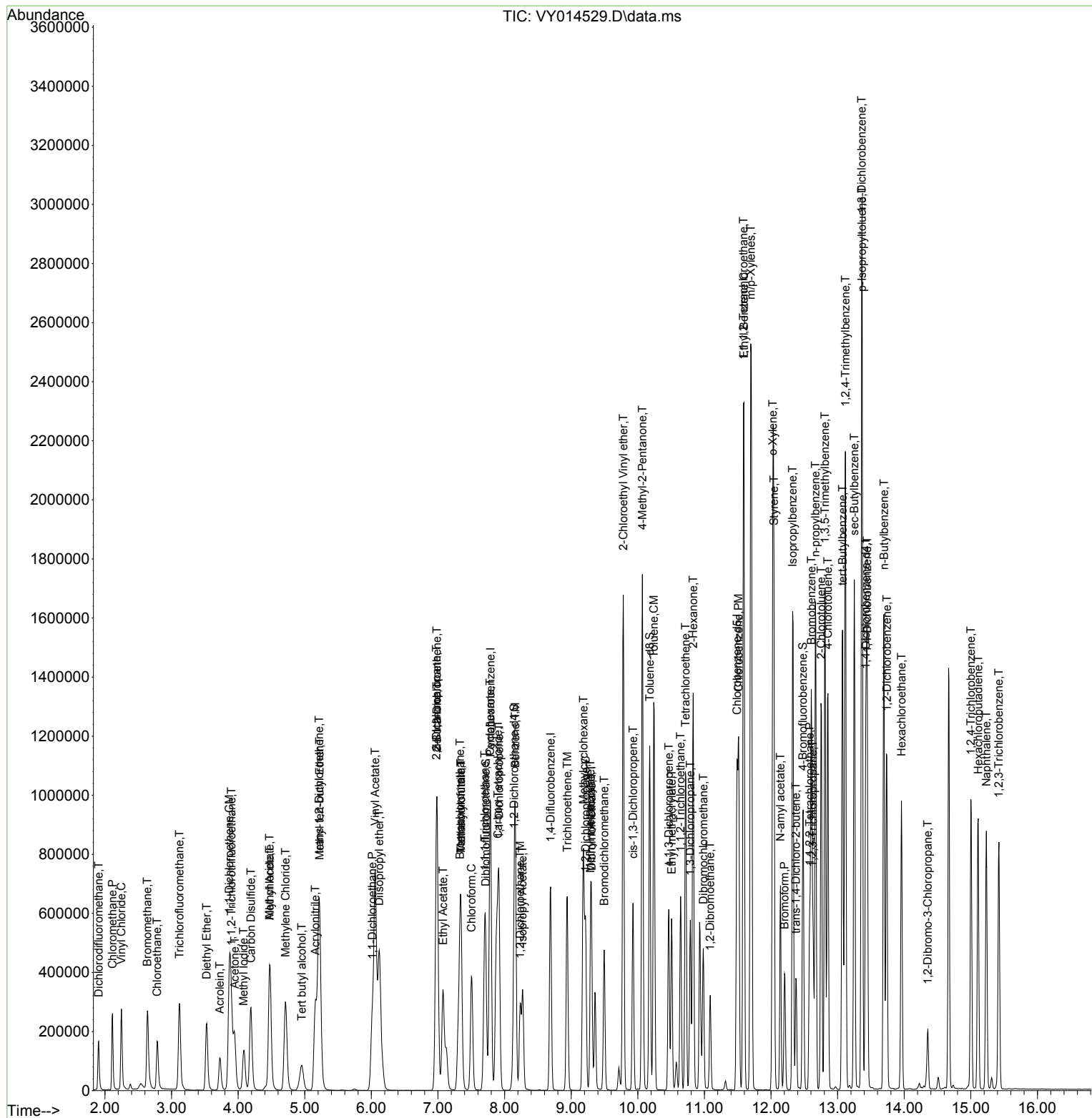
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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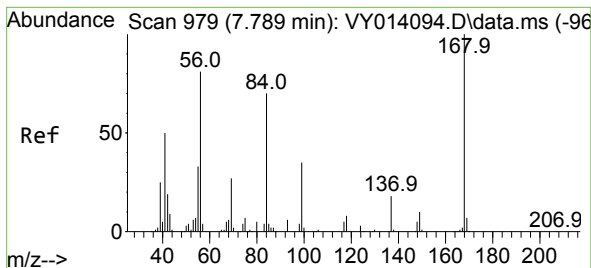
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY014529.D

Acq: 30 Jun 2023 20:37

Instrument :

MSVOA_Y

ClientSampleId :

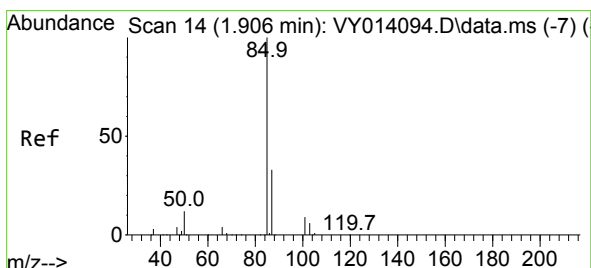
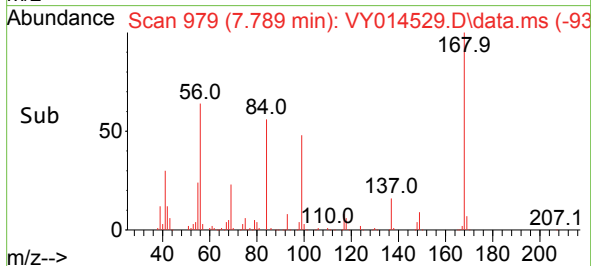
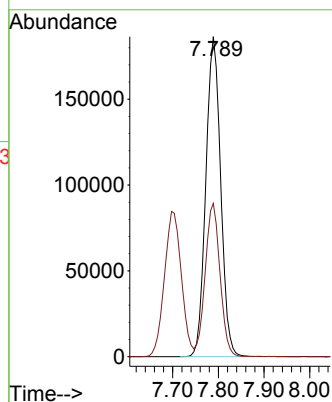
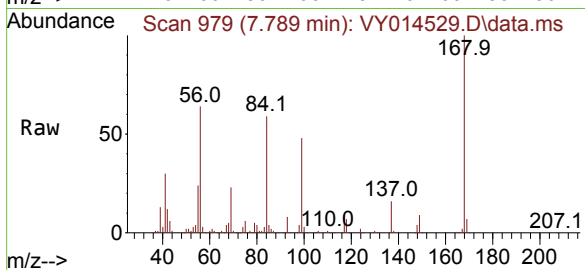
VSTDCCC050EC

Tgt Ion:168 Resp: 419049

Ion Ratio Lower Upper

168 100

99 47.9 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 49.322 ug/l

RT: 1.906 min Scan# 14

Delta R.T. -0.000 min

Lab File: VY014529.D

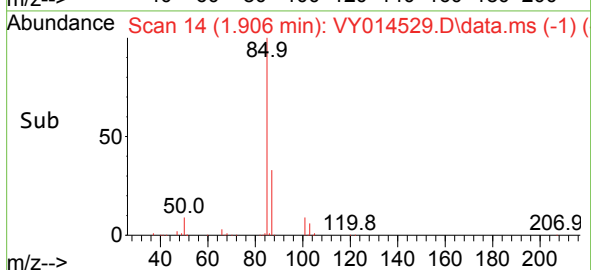
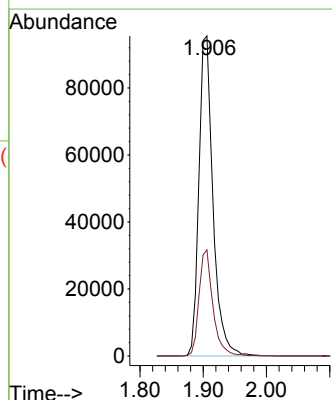
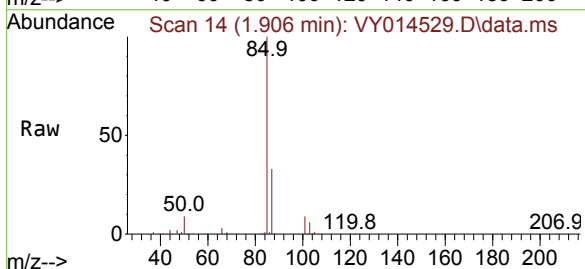
Acq: 30 Jun 2023 20:37

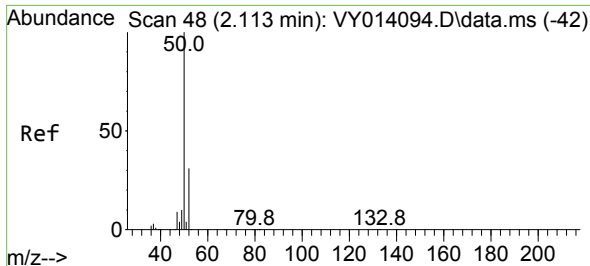
Tgt Ion: 85 Resp: 148230

Ion Ratio Lower Upper

85 100

87 33.1 15.6 46.8

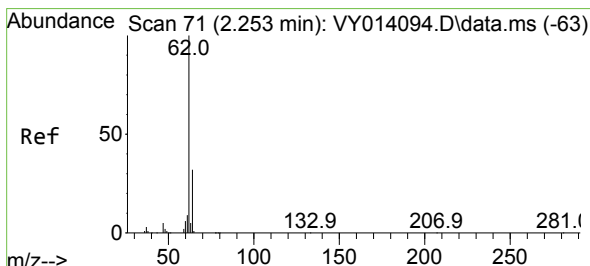
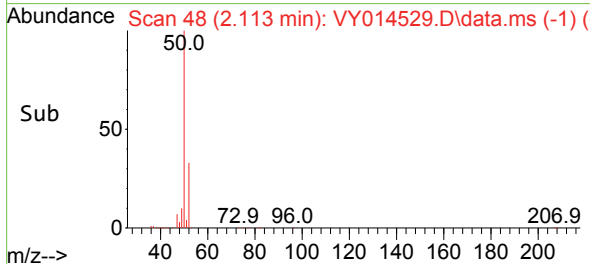
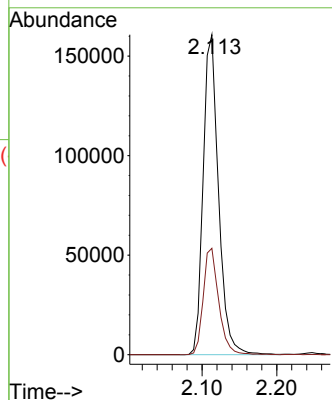
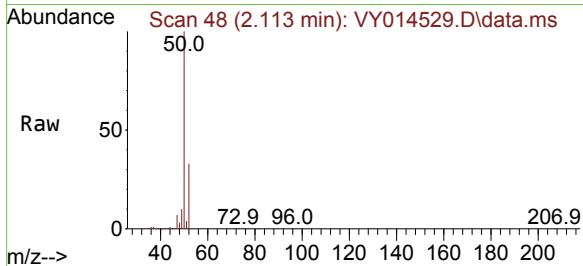




#3
Chloromethane
Concen: 47.295 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

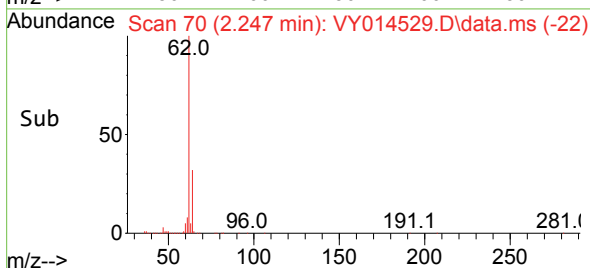
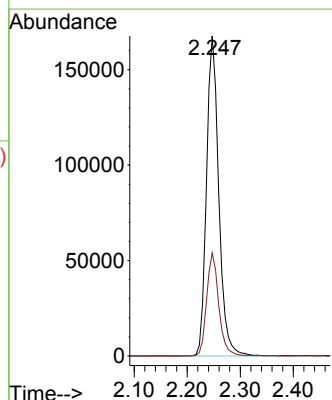
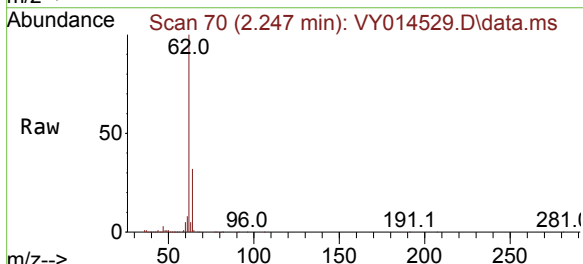
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

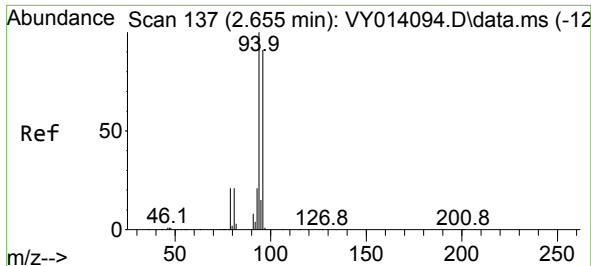
Tgt Ion: 50 Resp: 229533
Ion Ratio Lower Upper
50 100
52 33.2 25.4 38.2



#4
Vinyl Chloride
Concen: 48.103 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

Tgt Ion: 62 Resp: 269089
Ion Ratio Lower Upper
62 100
64 32.2 24.3 36.5

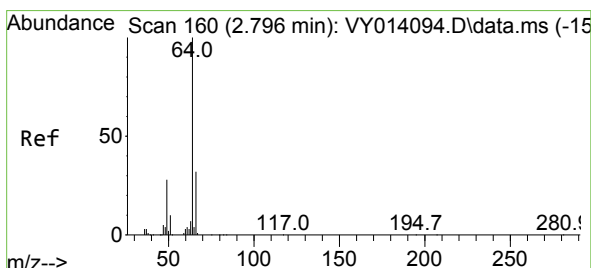
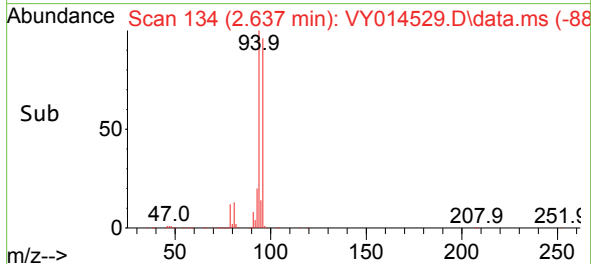
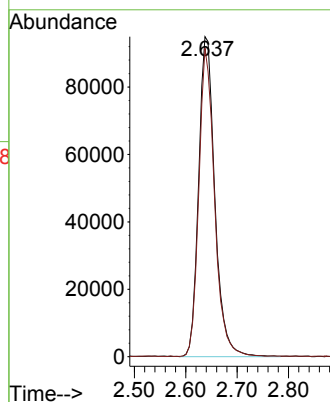
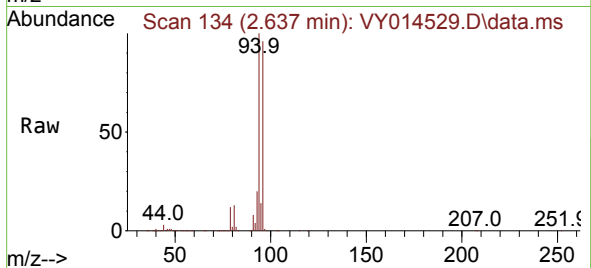




#5
Bromomethane
Concen: 48.028 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

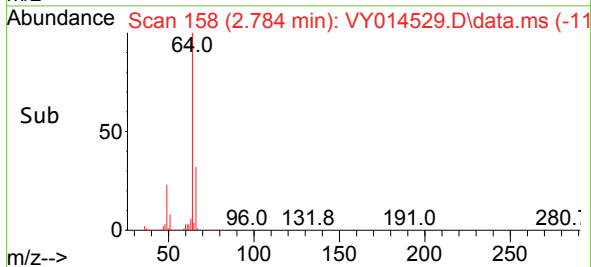
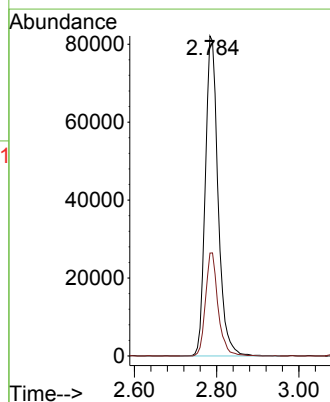
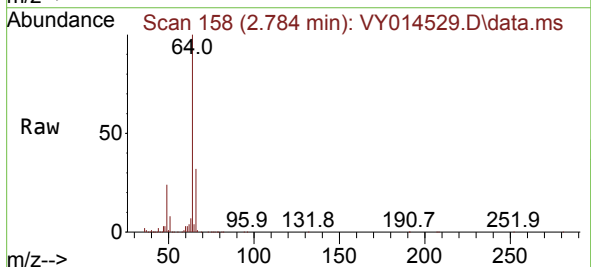
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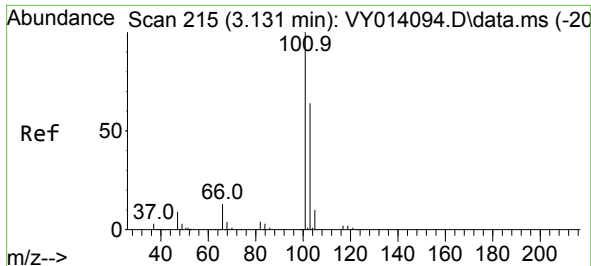
Tgt Ion: 94 Resp: 208334
Ion Ratio Lower Upper
94 100
96 96.3 75.8 113.6



#6
Chloroethane
Concen: 49.083 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.012 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

Tgt Ion: 64 Resp: 176793
Ion Ratio Lower Upper
64 100
66 32.2 24.4 36.6

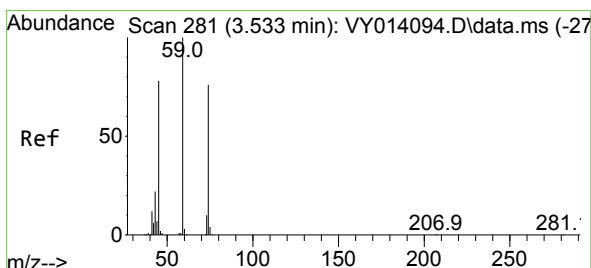
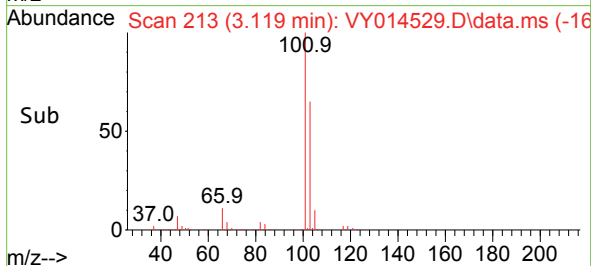
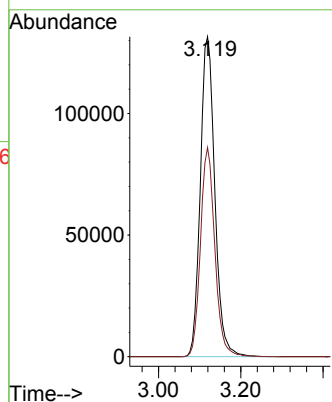
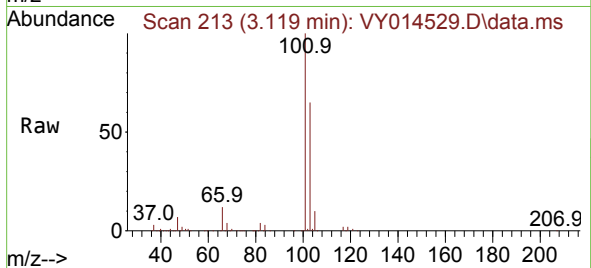




#7
 Trichlorofluoromethane
 Concen: 47.435 ug/l
 RT: 3.119 min Scan# 215
 Delta R.T. -0.012 min
 Lab File: VY014529.D
 Acq: 30 Jun 2023 20:37

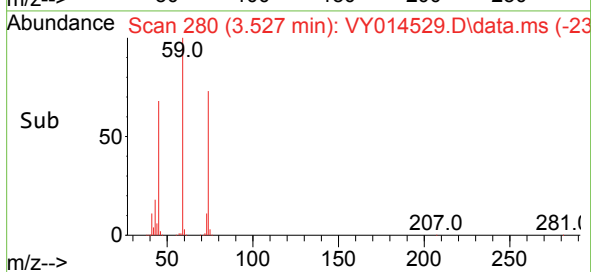
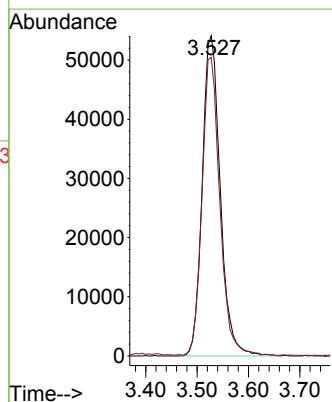
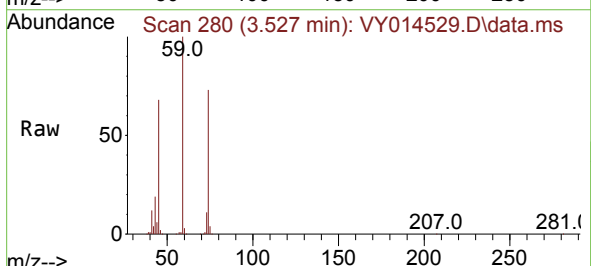
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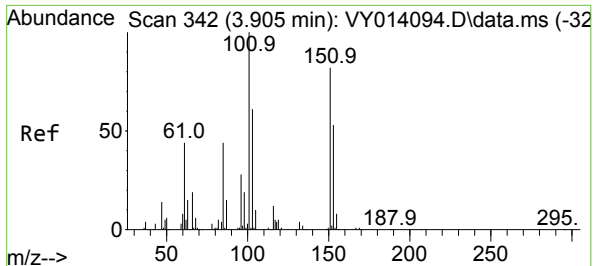
Tgt Ion:101 Resp: 322273
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.4 77.0



#8
 Diethyl Ether
 Concen: 51.187 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.006 min
 Lab File: VY014529.D
 Acq: 30 Jun 2023 20:37

Tgt Ion: 74 Resp: 131679
 Ion Ratio Lower Upper
 74 100
 45 92.3 51.5 154.5

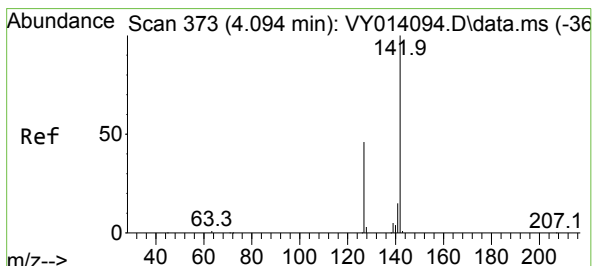
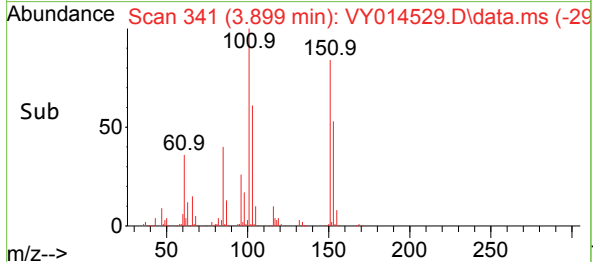
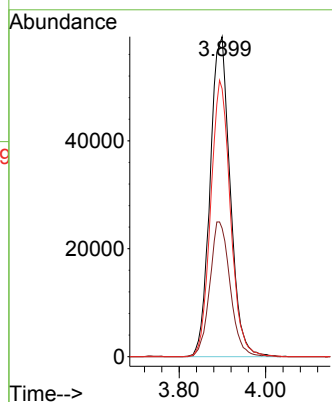
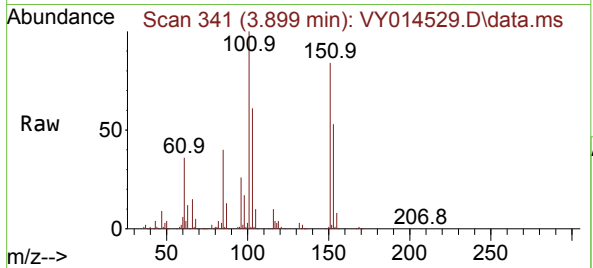




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.108 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

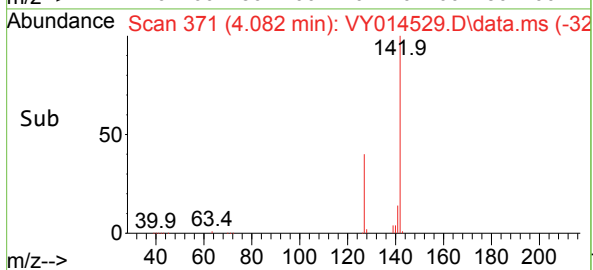
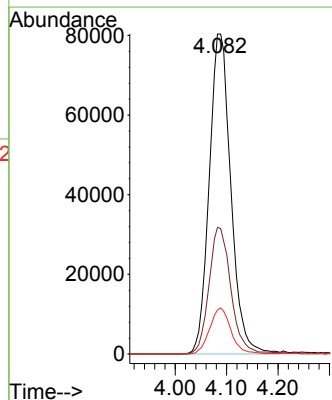
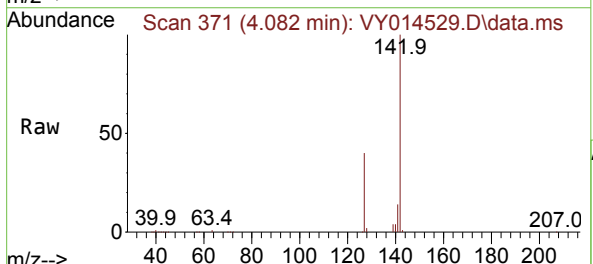
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

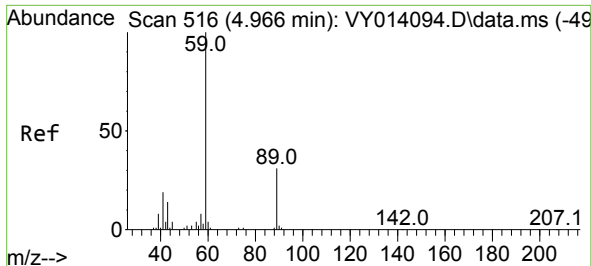
Tgt Ion:101 Resp: 191127
Ion Ratio Lower Upper
101 100
85 42.7 36.6 55.0
151 85.0 67.0 100.6



#10
Methyl Iodide
Concen: 50.705 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.012 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

Tgt Ion:142 Resp: 234757
Ion Ratio Lower Upper
142 100
127 40.4 37.6 56.4
141 14.1 11.8 17.8

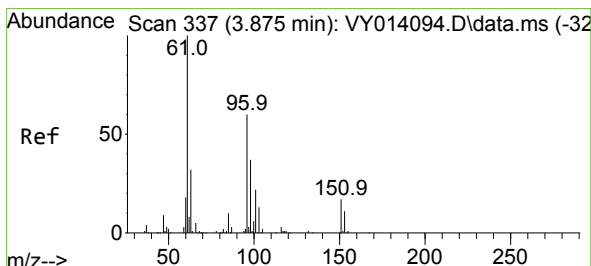
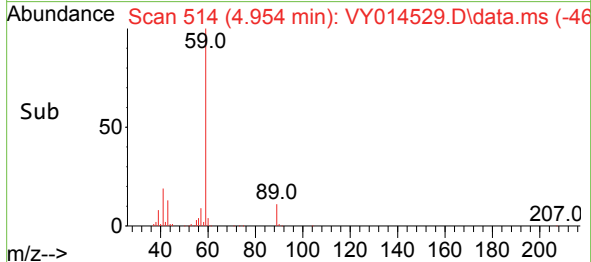
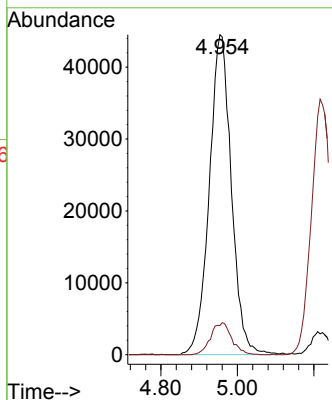
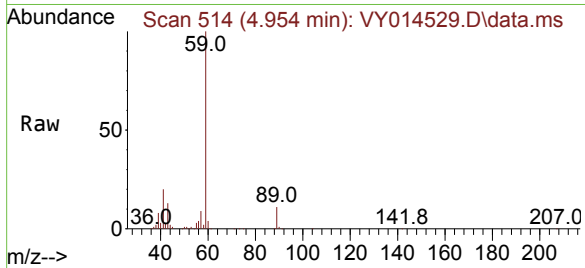




#11
Tert butyl alcohol
Concen: 246.534 ug/l
RT: 4.954 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

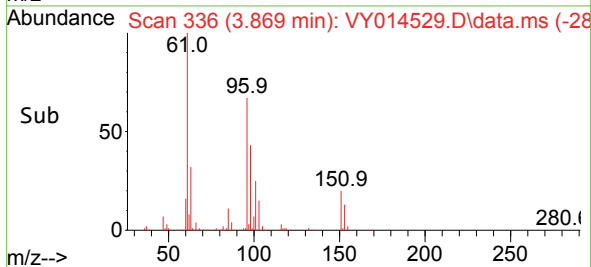
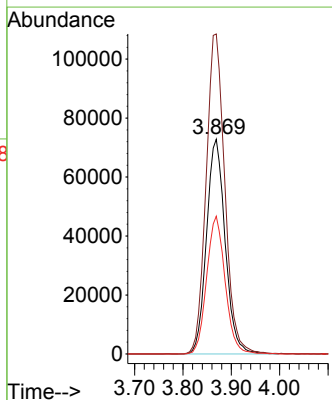
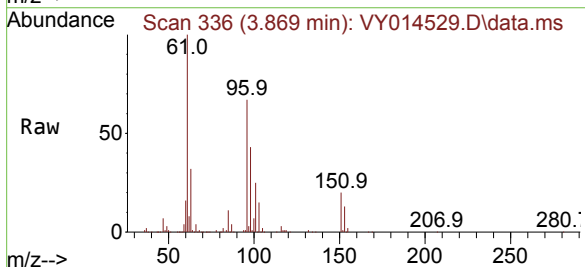
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

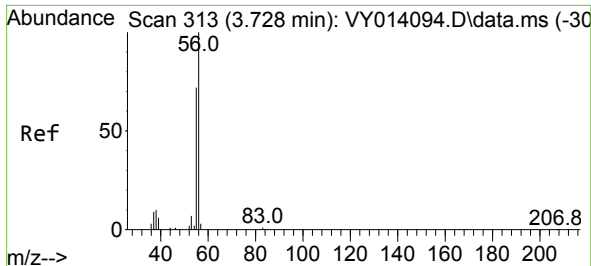
Tgt Ion: 59 Resp: 178262
Ion Ratio Lower Upper
59 100
57 9.5 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 49.680 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

Tgt Ion: 96 Resp: 195265
Ion Ratio Lower Upper
96 100
61 149.1 136.4 204.6
98 64.2 49.4 74.2

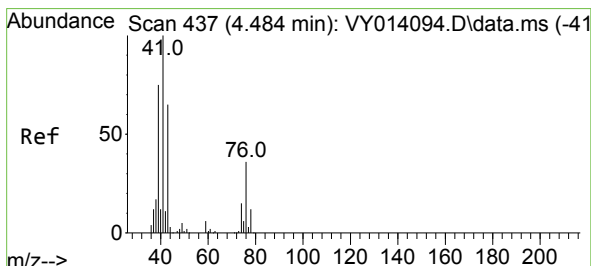
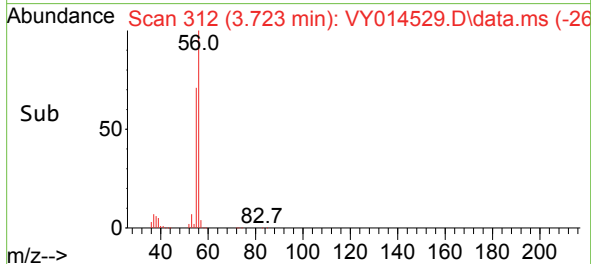
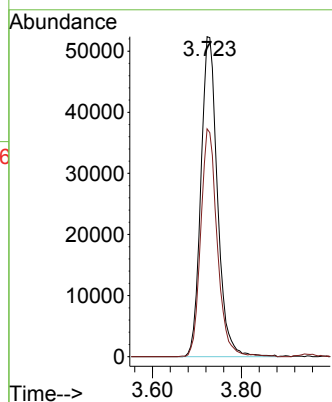
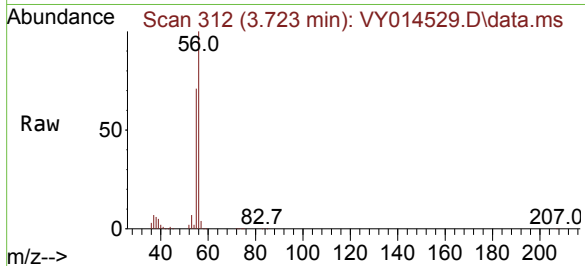




#13
Acrolein
Concen: 245.743 ug/l
RT: 3.723 min Scan# 311
Delta R.T. -0.005 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

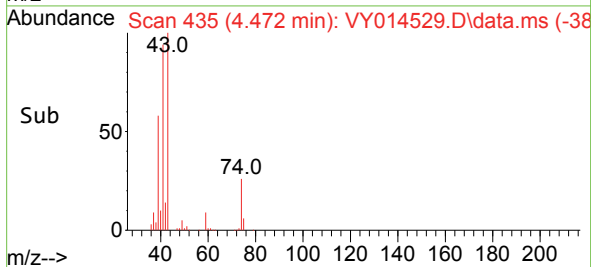
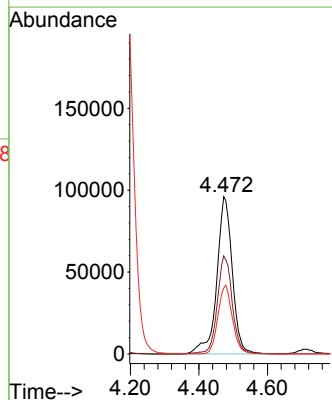
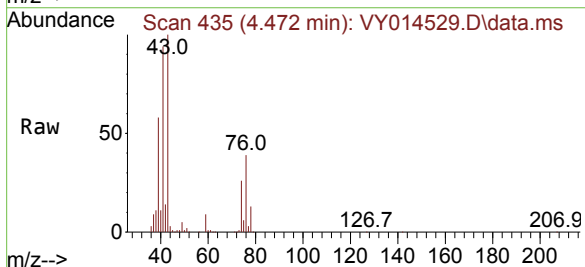
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

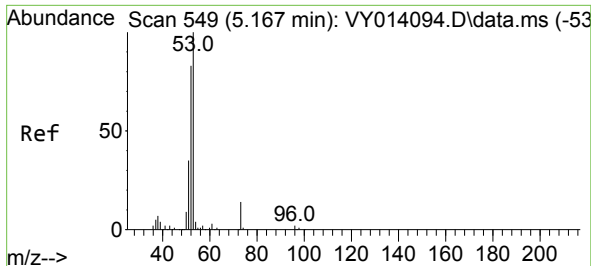
Tgt Ion: 56 Resp: 135881
Ion Ratio Lower Upper
56 100
55 71.1 57.0 85.4



#14
Allyl chloride
Concen: 50.832 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.012 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

Tgt Ion: 41 Resp: 301138
Ion Ratio Lower Upper
41 100
39 60.3 58.0 87.0
76 40.5 27.4 41.2

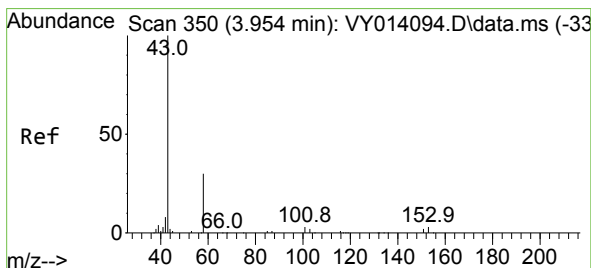
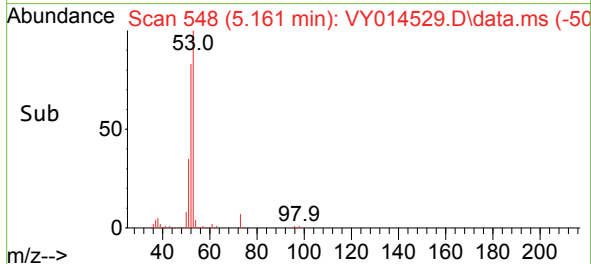
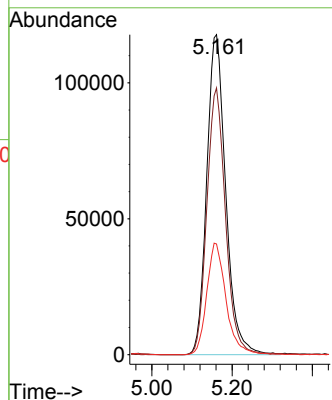
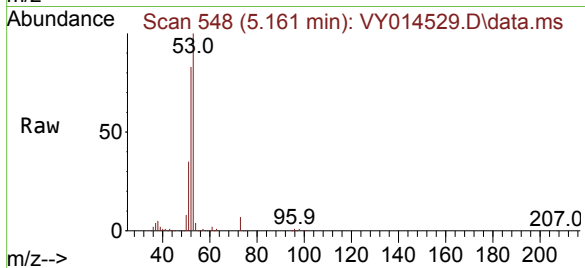




#15
Acrylonitrile
Concen: 262.277 ug/l
RT: 5.161 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

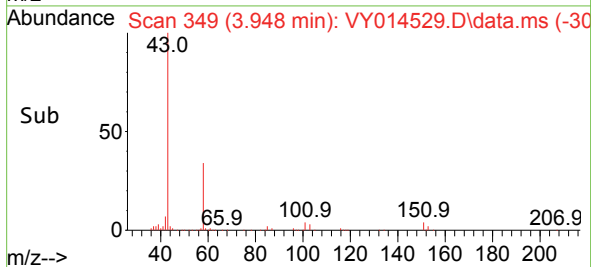
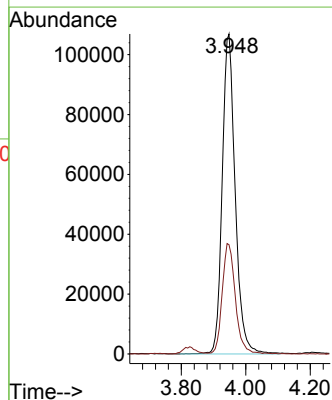
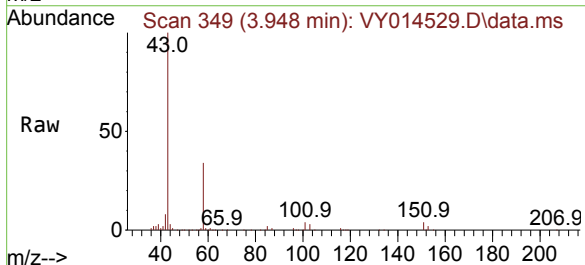
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

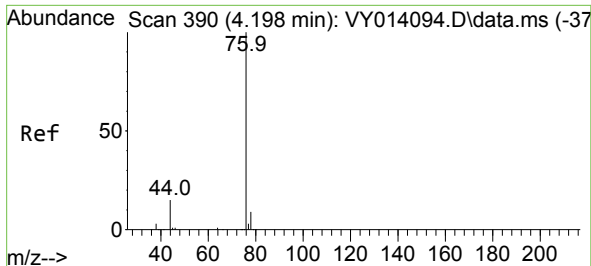
Tgt Ion: 53 Resp: 387327
Ion Ratio Lower Upper
53 100
52 81.7 66.9 100.3
51 35.5 29.8 44.6



#16
Acetone
Concen: 229.566 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

Tgt Ion: 43 Resp: 298855
Ion Ratio Lower Upper
43 100
58 34.1 22.7 34.1





#17

Carbon Disulfide

Concen: 49.809 ug/l

RT: 4.192 min Scan# 3

Delta R.T. -0.006 min

Lab File: VY014529.D

Acq: 30 Jun 2023 20:37

Instrument :

MSVOA_Y

ClientSampleId :

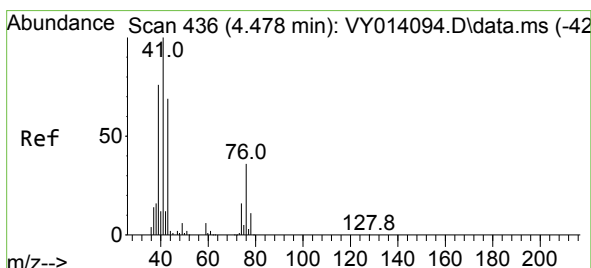
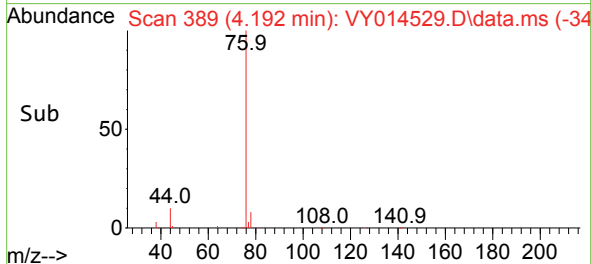
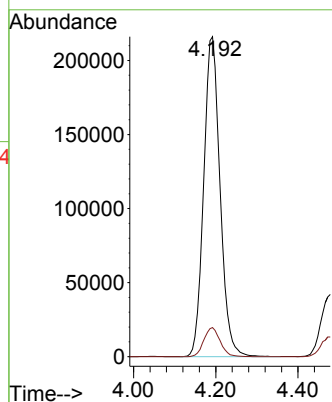
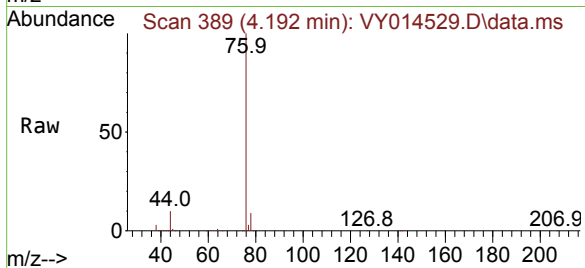
VSTDCCC050EC

Tgt Ion: 76 Resp: 596597

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.4



#18

Methyl Acetate

Concen: 52.422 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY014529.D

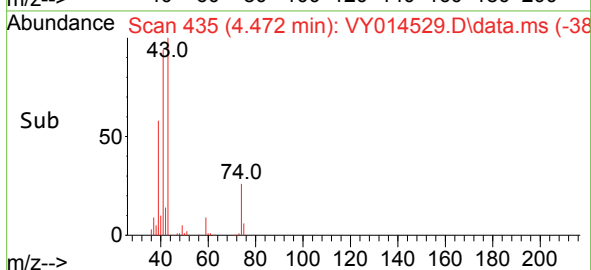
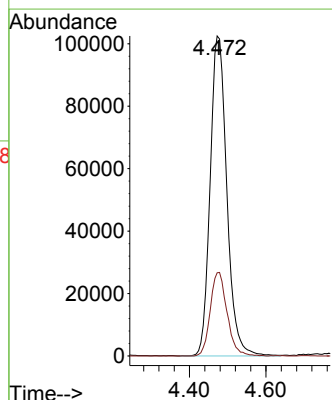
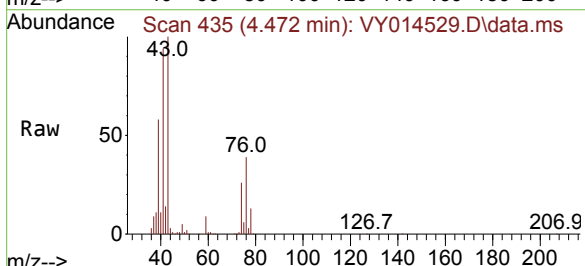
Acq: 30 Jun 2023 20:37

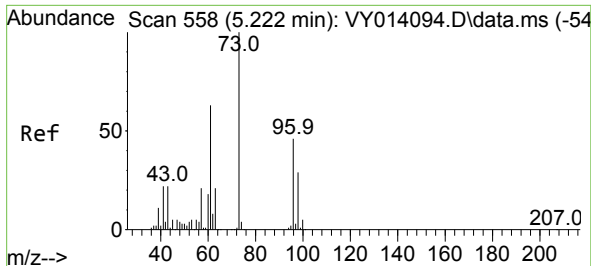
Tgt Ion: 43 Resp: 310659

Ion Ratio Lower Upper

43 100

74 26.3 17.4 26.0#

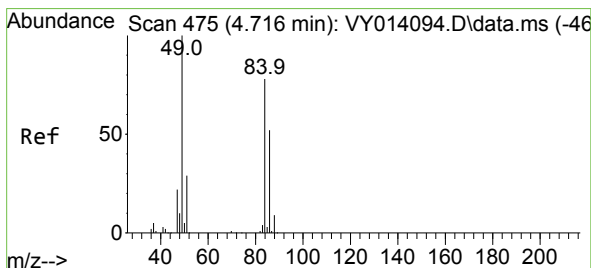
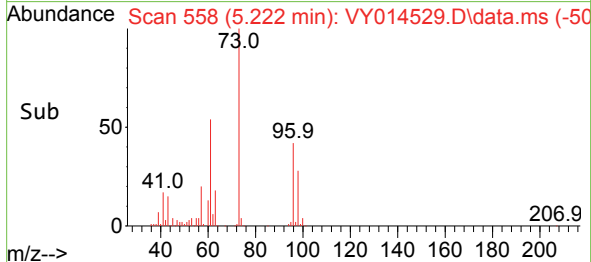
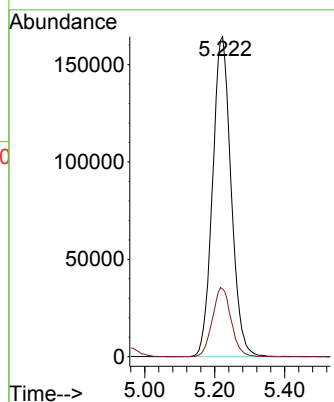
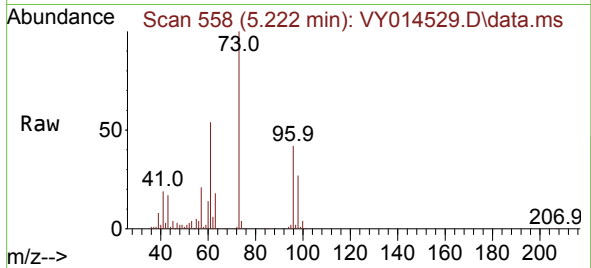




#19
Methyl tert-butyl Ether
Concen: 53.564 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

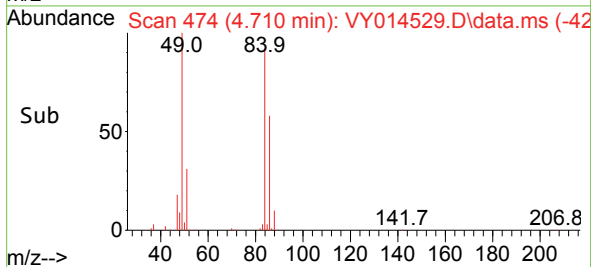
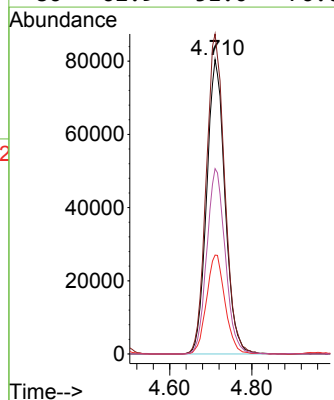
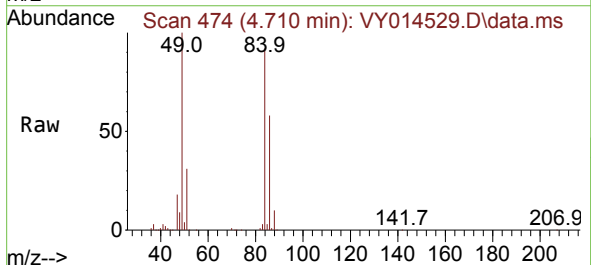
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

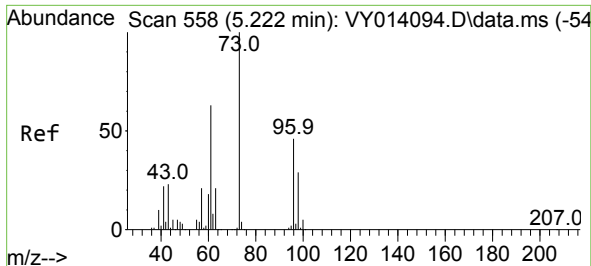
Tgt Ion: 73 Resp: 605076
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9



#20
Methylene Chloride
Concen: 53.277 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

Tgt Ion: 84 Resp: 248825
Ion Ratio Lower Upper
84 100
49 108.7 106.9 160.3
51 33.6 33.2 49.8
86 62.9 51.0 76.6

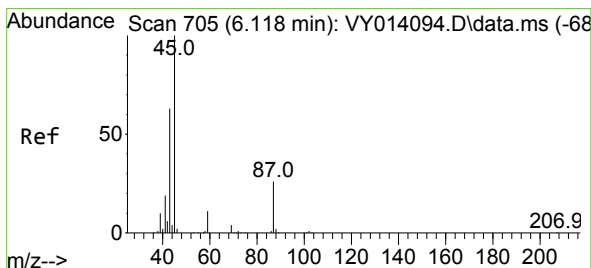
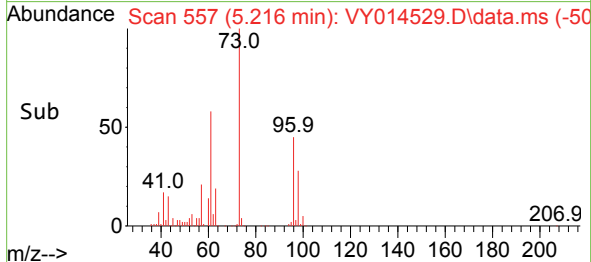
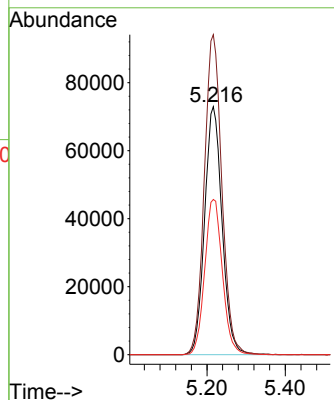
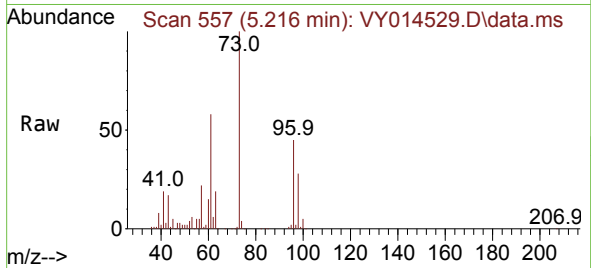




#21
trans-1,2-Dichloroethene
Concen: 50.697 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

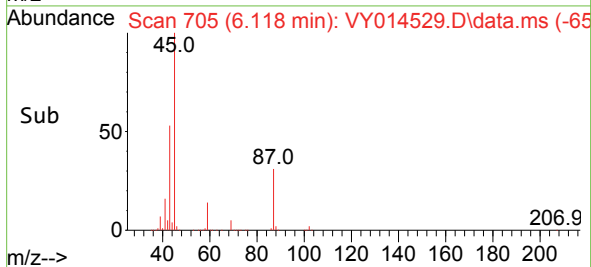
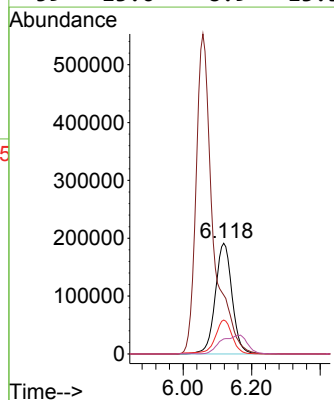
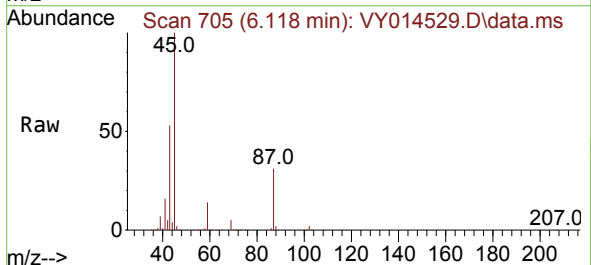
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

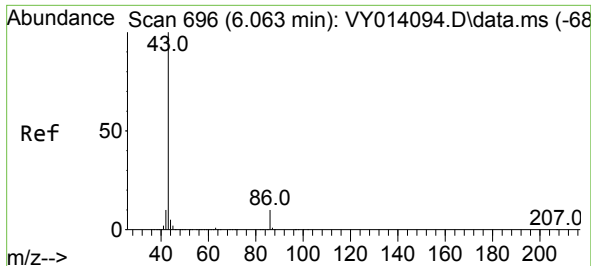
Tgt Ion: 96 Resp: 225550
Ion Ratio Lower Upper
96 100
61 129.0 110.2 165.4
98 62.6 51.8 77.6



#22
Diisopropyl ether
Concen: 53.094 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

Tgt Ion: 45 Resp: 648122
Ion Ratio Lower Upper
45 100
43 53.1 52.2 78.4
87 30.7 21.0 31.6
59 13.6 8.9 13.3#

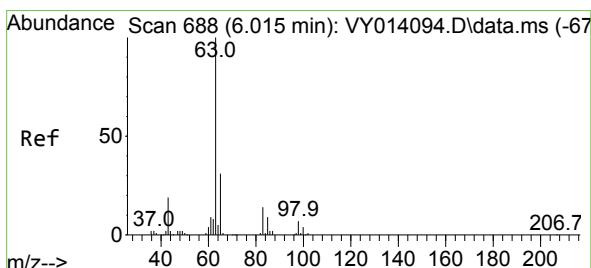
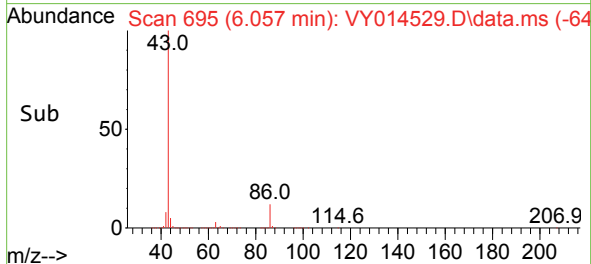
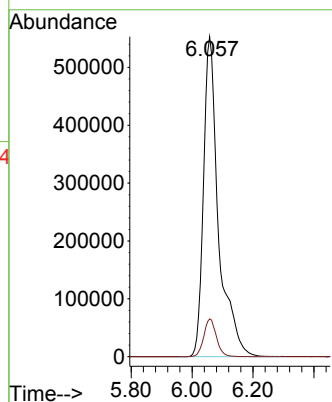
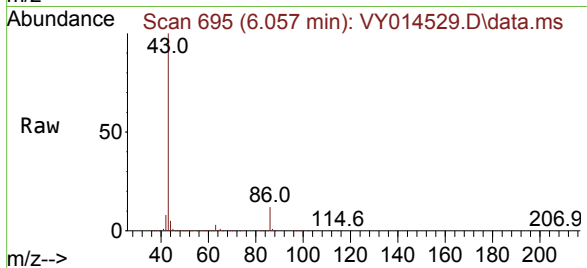




#23
 Vinyl Acetate
 Concen: 267.492 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.006 min
 Lab File: VY014529.D
 Acq: 30 Jun 2023 20:37

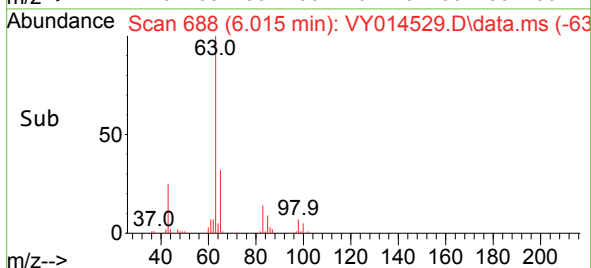
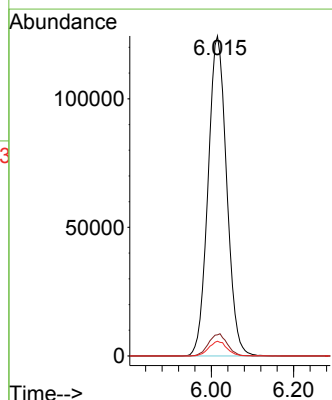
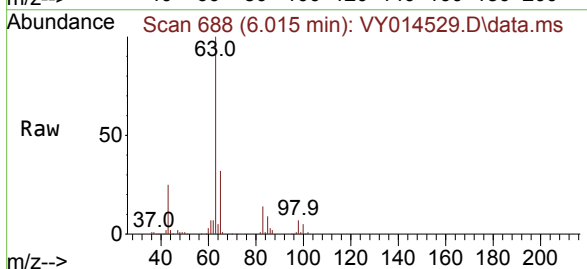
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

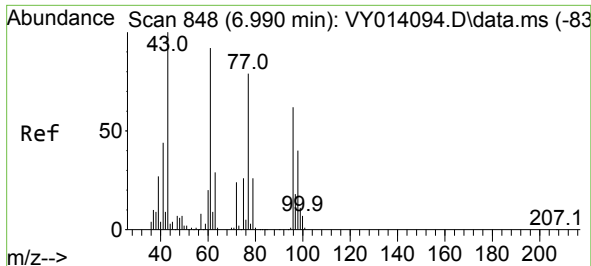
Tgt Ion: 43 Resp: 1889167
 Ion Ratio Lower Upper
 43 100
 86 11.8 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 50.980 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY014529.D
 Acq: 30 Jun 2023 20:37

Tgt Ion: 63 Resp: 390678
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.1 9.4
 100 4.6 1.8 5.5

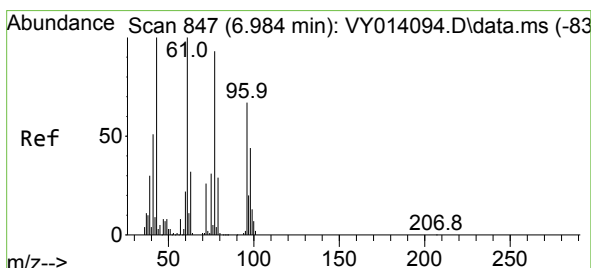
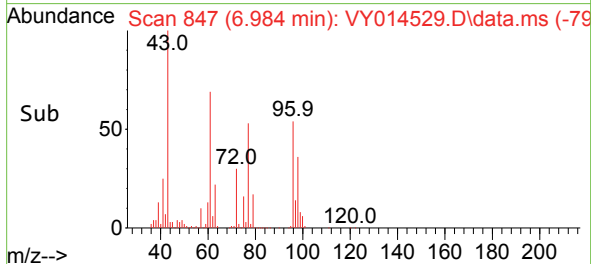
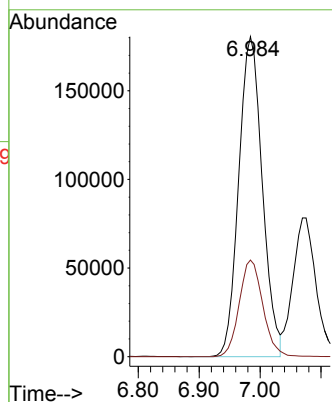
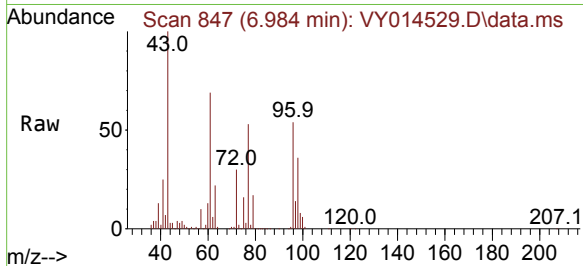




#25
2-Butanone
Concen: 251.721 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

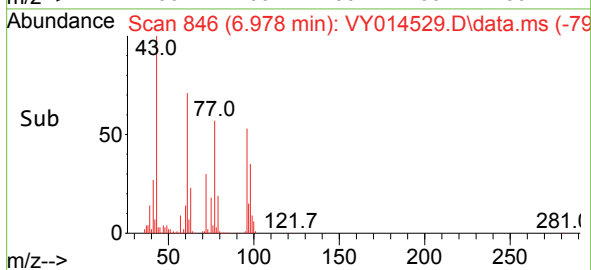
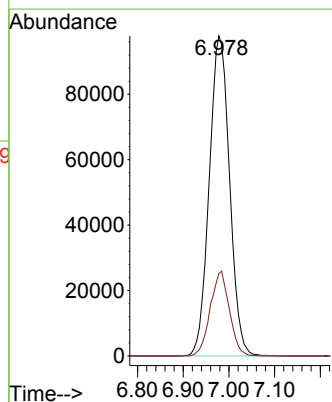
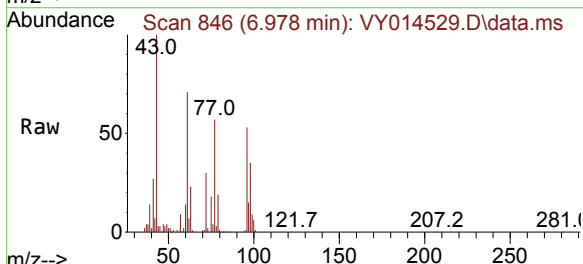
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

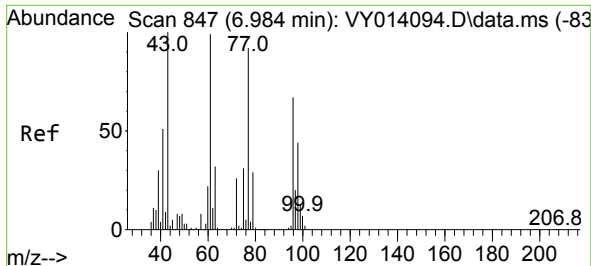
Tgt Ion: 43 Resp: 485217
Ion Ratio Lower Upper
43 100
72 30.2 20.5 30.7



#26
2,2-Dichloropropane
Concen: 46.300 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

Tgt Ion: 77 Resp: 302422
Ion Ratio Lower Upper
77 100
97 24.9 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 52.082 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY014529.D

Acq: 30 Jun 2023 20:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

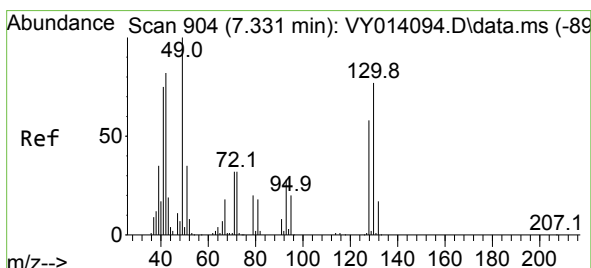
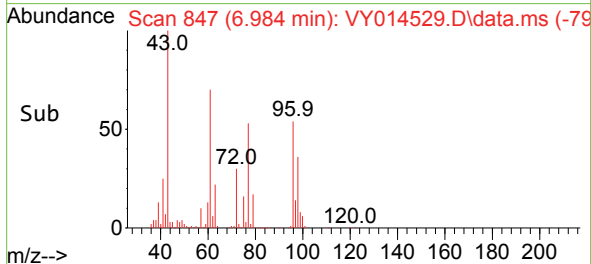
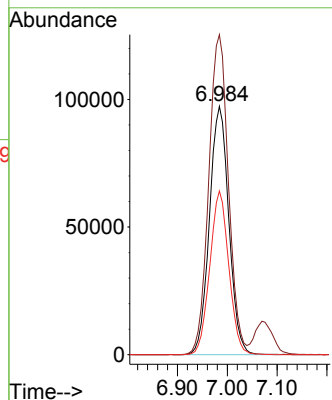
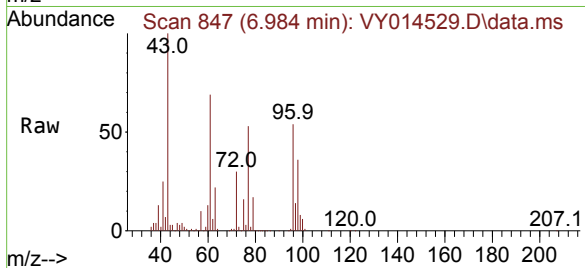
Tgt Ion: 96 Resp: 262850

Ion Ratio Lower Upper

96 100

61 130.8 0.0 301.4

98 64.5 0.0 130.4



#28

Bromochloromethane

Concen: 52.073 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.001 min

Lab File: VY014529.D

Acq: 30 Jun 2023 20:37

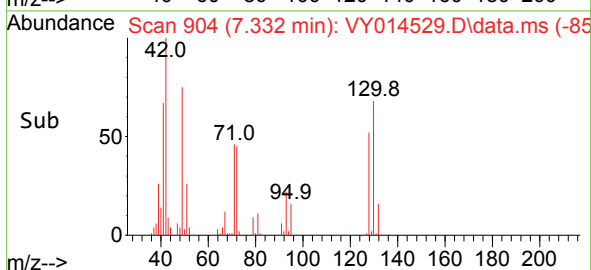
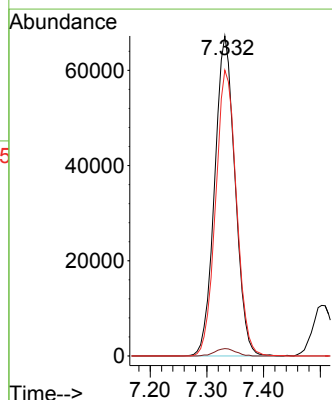
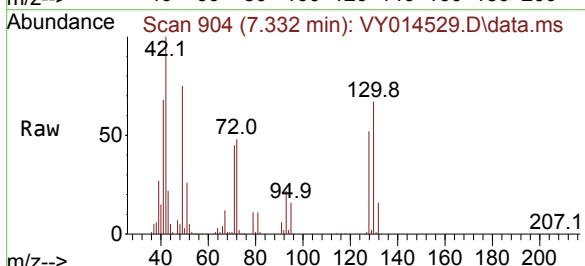
Tgt Ion: 49 Resp: 167562

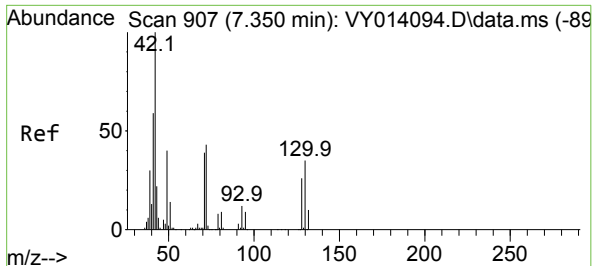
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 91.1 60.7 91.1





#29

Tetrahydrofuran

Concen: 266.576 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY014529.D

Acq: 30 Jun 2023 20:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

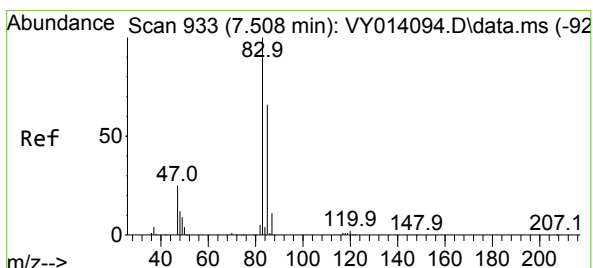
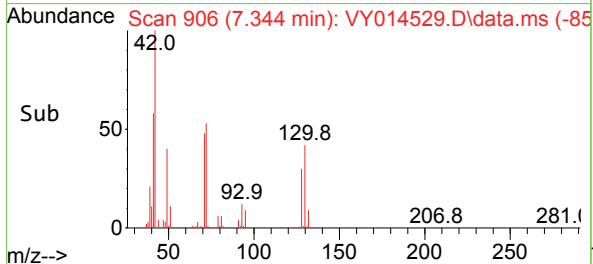
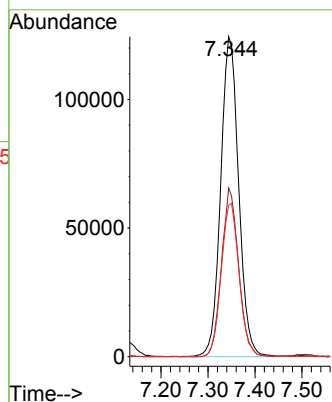
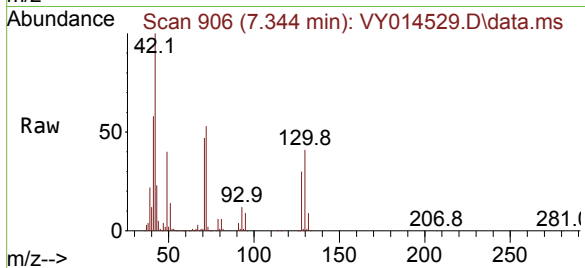
Tgt Ion: 42 Resp: 331444

Ion Ratio Lower Upper

42 100

72 50.2 32.8 49.2#

71 47.6 31.0 46.4#



#30

Chloroform

Concen: 50.682 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY014529.D

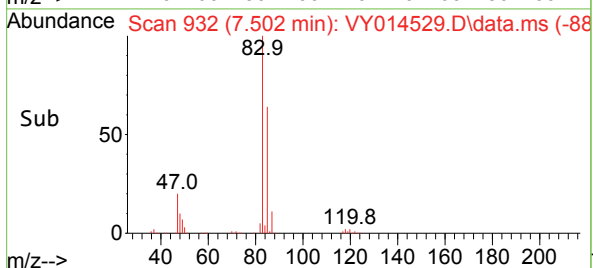
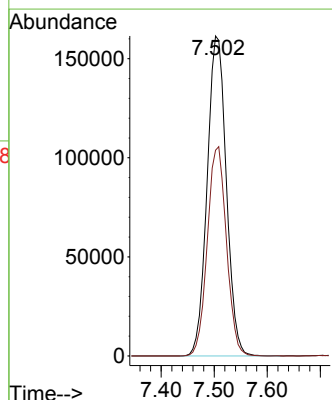
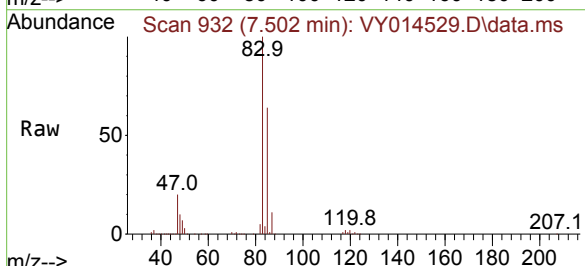
Acq: 30 Jun 2023 20:37

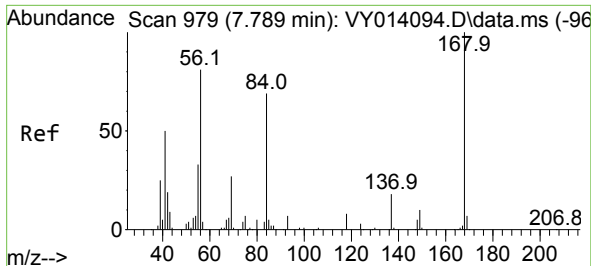
Tgt Ion: 83 Resp: 405150

Ion Ratio Lower Upper

83 100

85 64.3 49.7 74.5

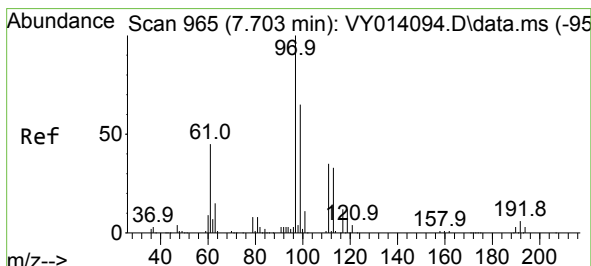
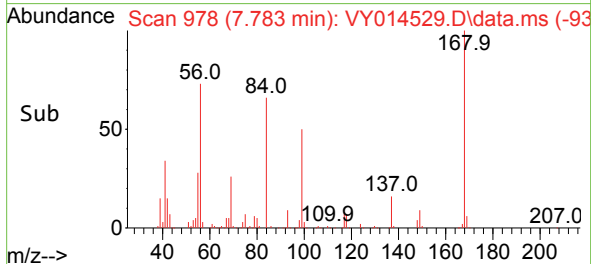
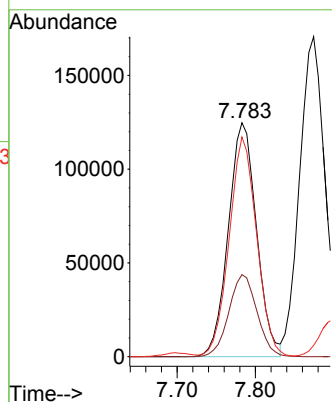
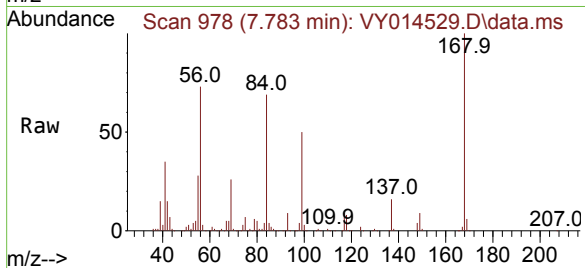




#31
Cyclohexane
Concen: 47.737 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

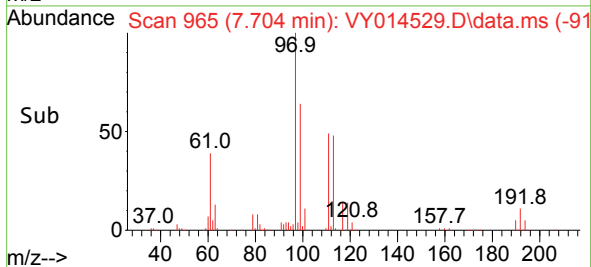
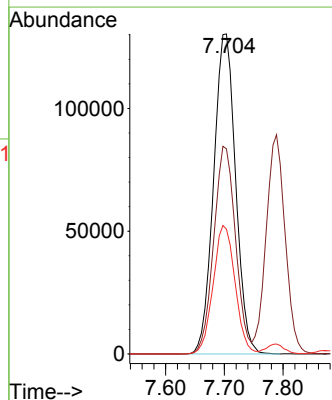
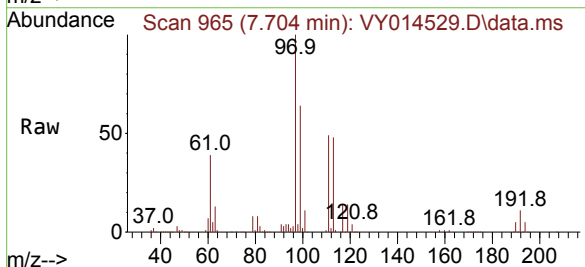
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

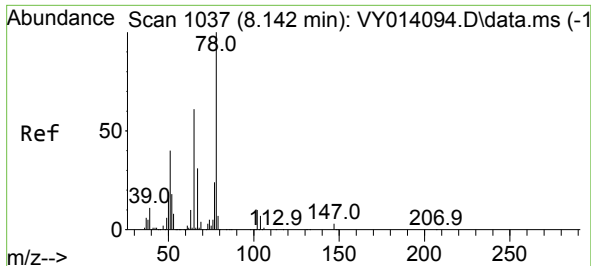
Tgt Ion: 56 Resp: 312202
Ion Ratio Lower Upper
56 100
69 35.1 27.8 41.6
84 92.5 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 49.601 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

Tgt Ion: 97 Resp: 338926
Ion Ratio Lower Upper
97 100
99 64.5 50.8 76.2
61 40.1 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 51.650 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY014529.D

Acq: 30 Jun 2023 20:37

Instrument :

MSVOA_Y

ClientSampleId :

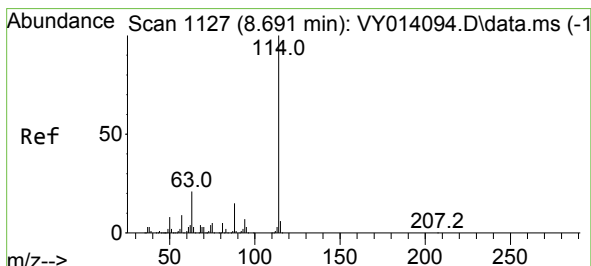
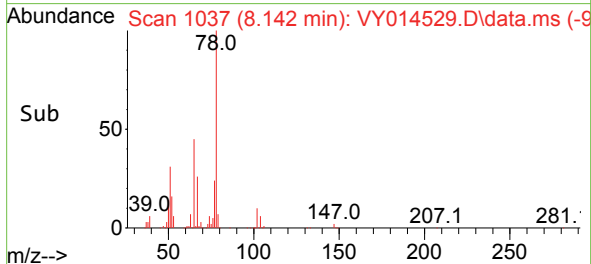
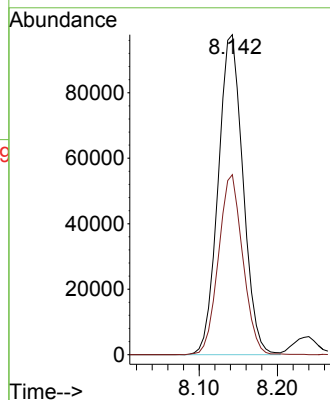
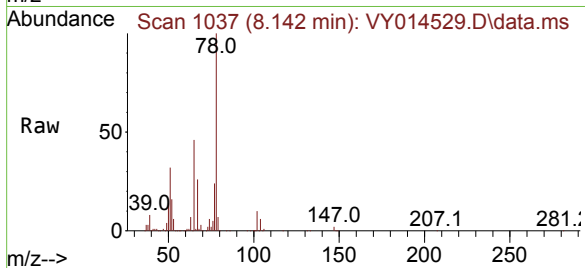
VSTDCCC050EC

Tgt Ion: 65 Resp: 215311

Ion Ratio Lower Upper

65 100

67 55.1 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: VY014529.D

Acq: 30 Jun 2023 20:37

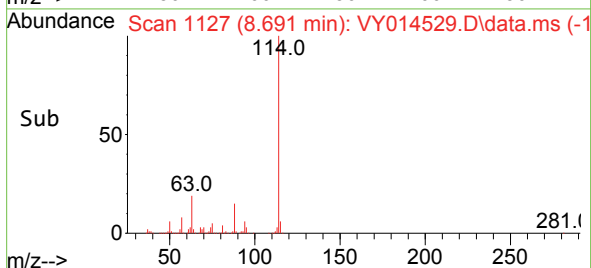
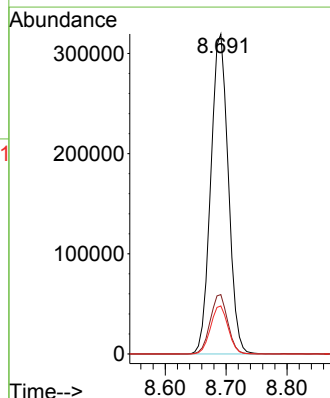
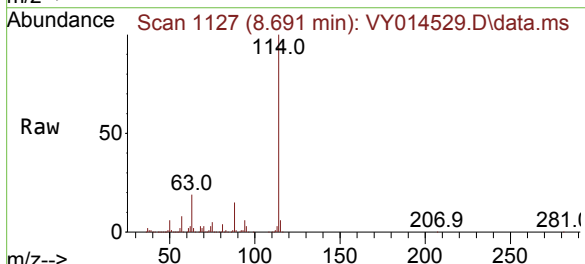
Tgt Ion: 114 Resp: 636857

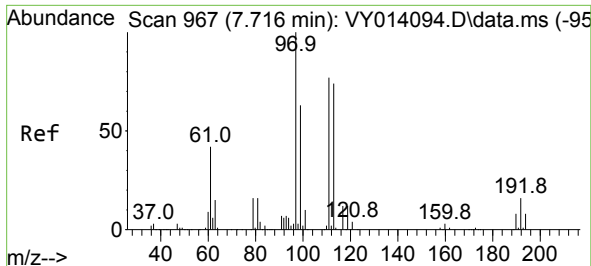
Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.4

88 15.0 0.0 30.6

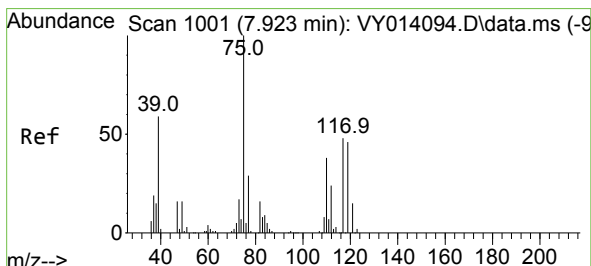
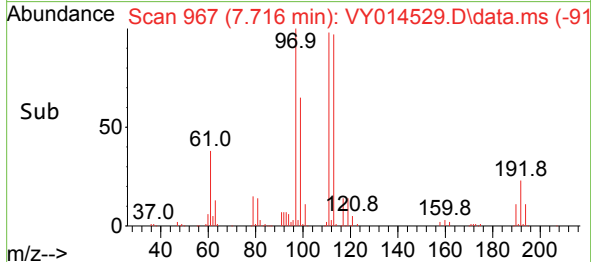
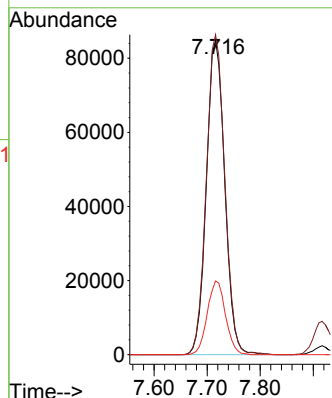
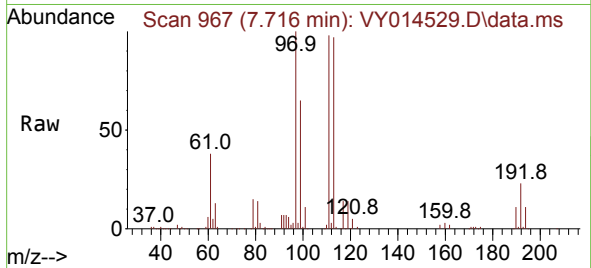




#35
Dibromofluoromethane
Concen: 51.941 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

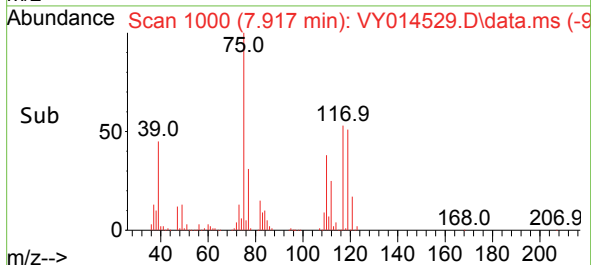
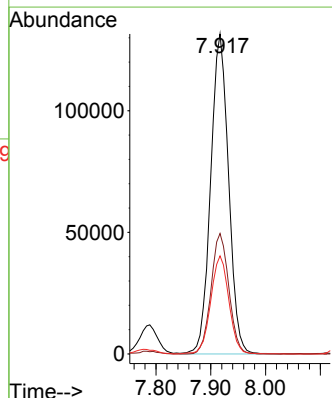
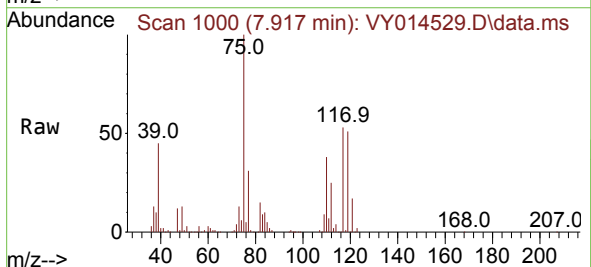
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

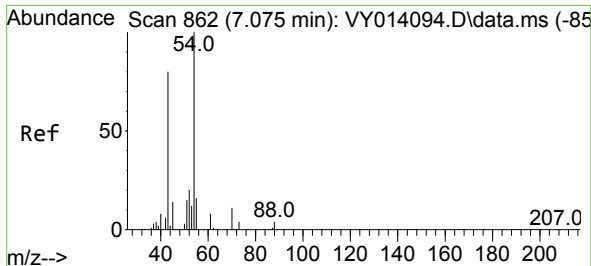
Tgt Ion:113 Resp: 203703
Ion Ratio Lower Upper
113 100
111 102.7 81.3 121.9
192 23.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 49.641 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

Tgt Ion: 75 Resp: 298135
Ion Ratio Lower Upper
75 100
110 37.4 17.8 53.5
77 31.1 24.4 36.6

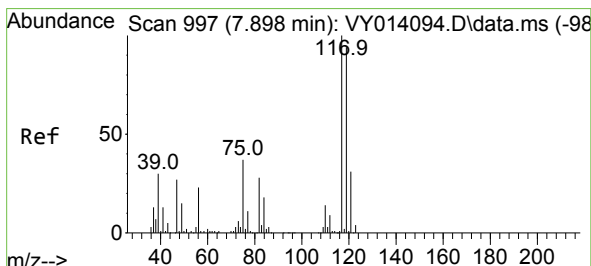
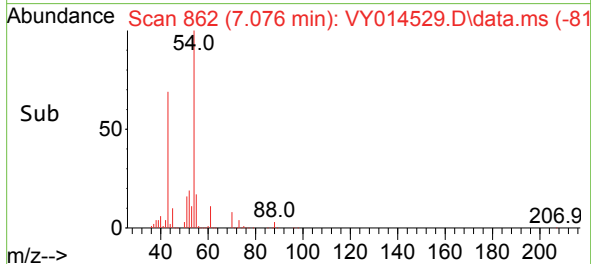
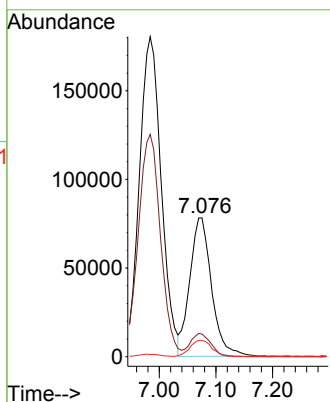
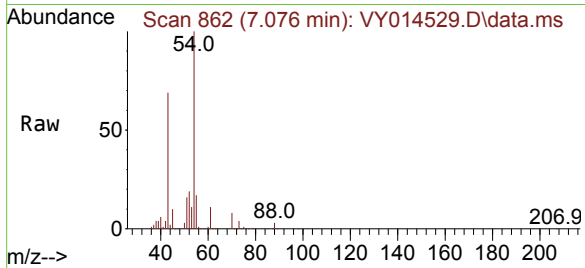




#37
Ethyl Acetate
Concen: 50.729 ug/l
RT: 7.076 min Scan# 862
Delta R.T. 0.001 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

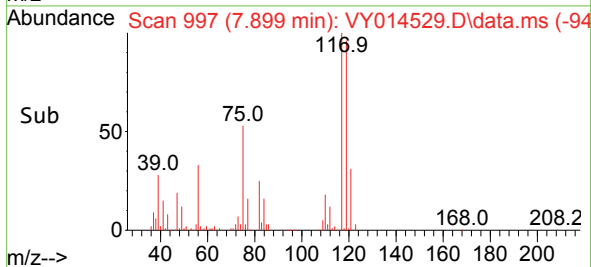
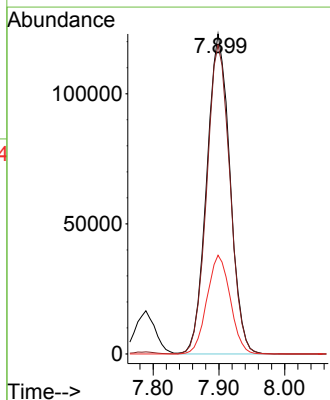
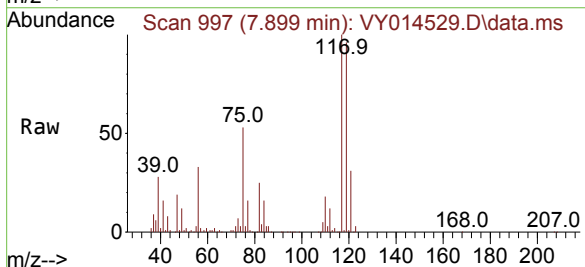
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

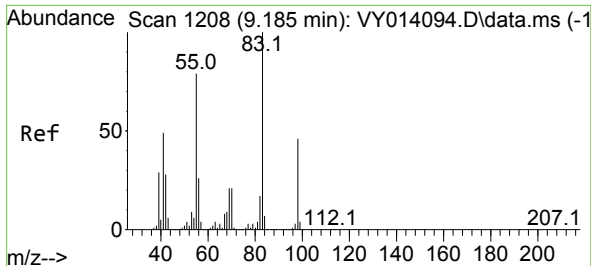
Tgt Ion: 43 Resp: 208943
Ion Ratio Lower Upper
43 100
61 16.3 10.1 15.1#
70 11.9 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 48.159 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.001 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

Tgt Ion: 117 Resp: 301938
Ion Ratio Lower Upper
117 100
119 96.4 76.4 114.6
121 30.9 25.8 38.6





#39

Methylcyclohexane

Concen: 49.568 ug/l

RT: 9.185 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY014529.D

Acq: 30 Jun 2023 20:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

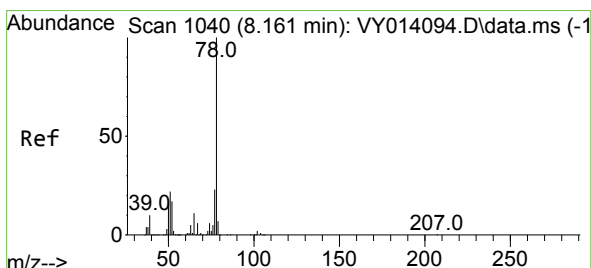
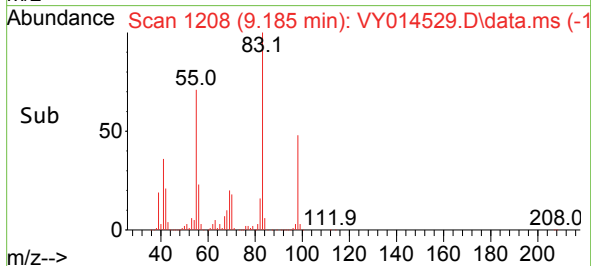
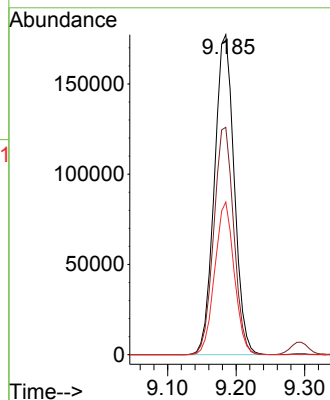
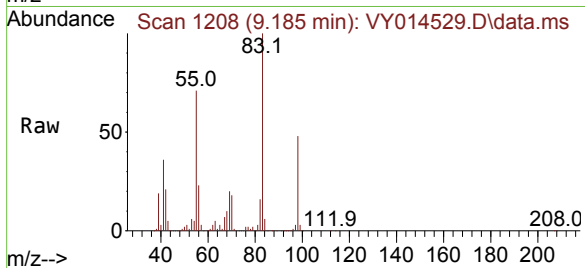
Tgt Ion: 83 Resp: 355834

Ion Ratio Lower Upper

83 100

55 71.1 63.0 94.4

98 47.7 37.4 56.2



#40

Benzene

Concen: 49.939 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY014529.D

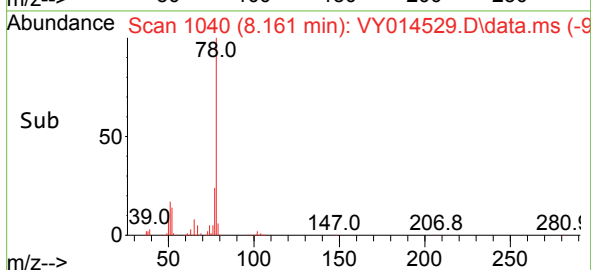
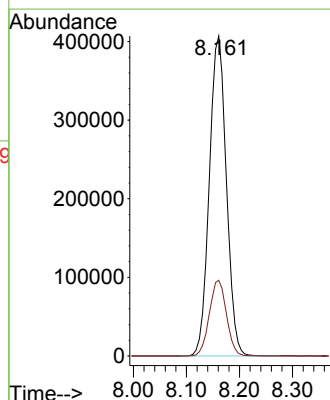
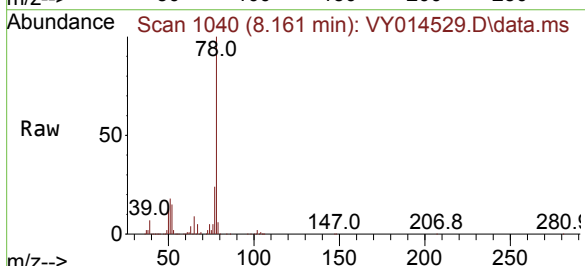
Acq: 30 Jun 2023 20:37

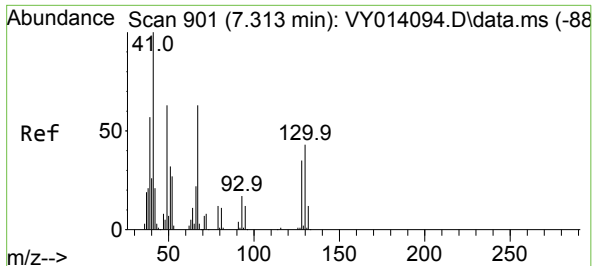
Tgt Ion: 78 Resp: 907893

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.6

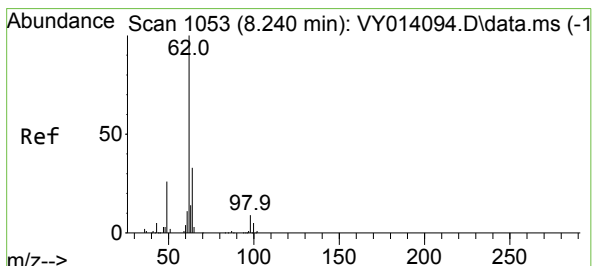
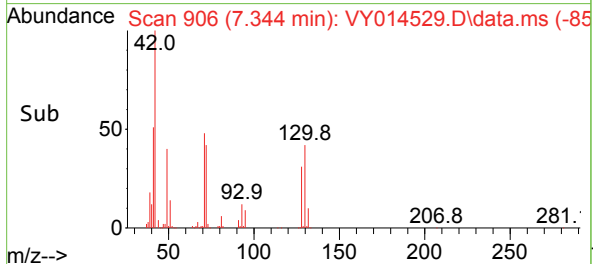
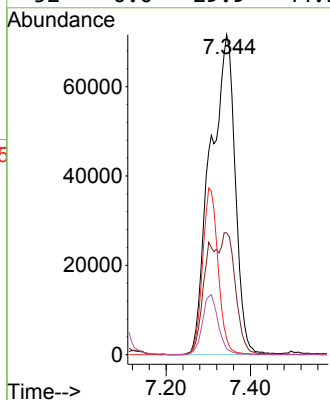
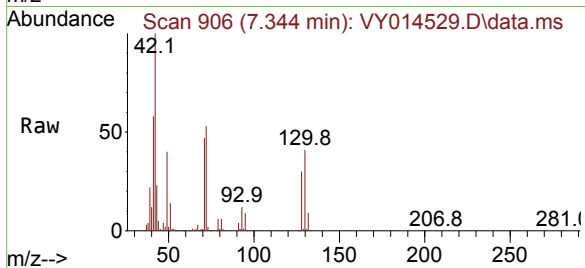




#41
Methacrylonitrile
Concen: 145.532 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.031 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

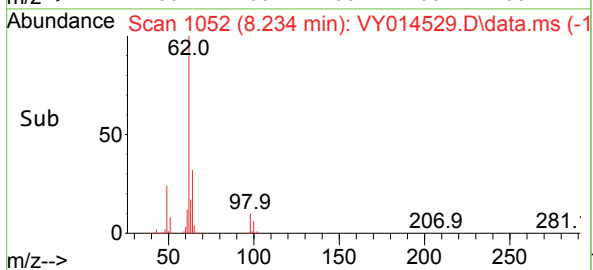
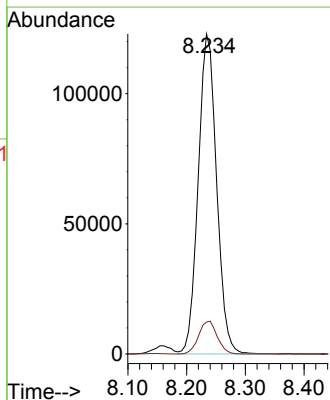
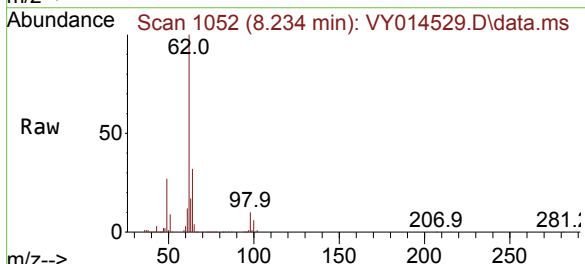
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

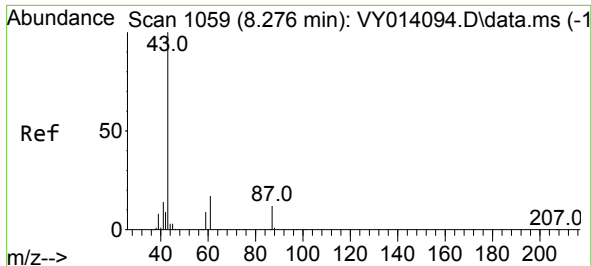
Tgt Ion: 41 Resp: 292838
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 50.010 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

Tgt Ion: 62 Resp: 267234
Ion Ratio Lower Upper
62 100
98 10.4 0.0 15.8

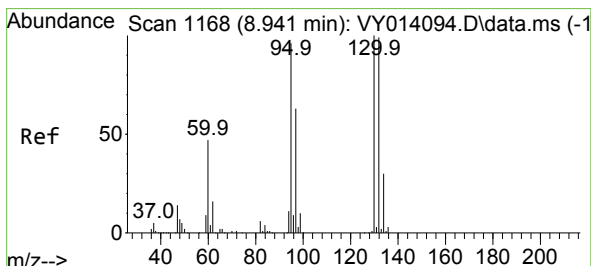
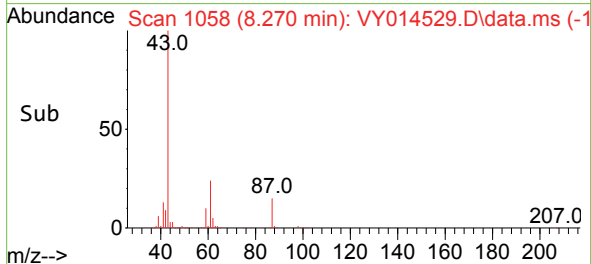
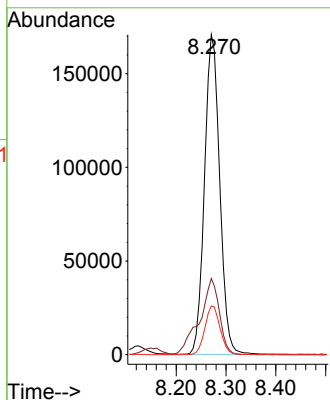
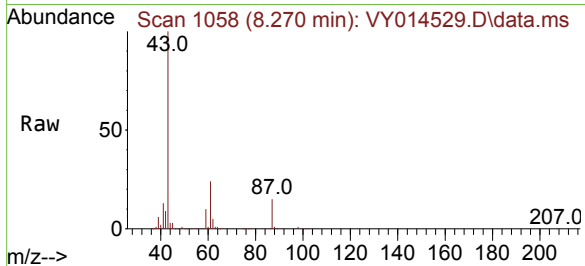




#43
Isopropyl Acetate
Concen: 51.800 ug/l
RT: 8.270 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

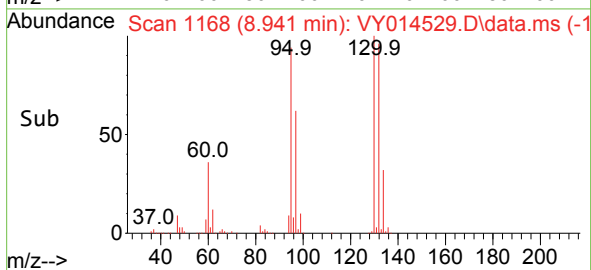
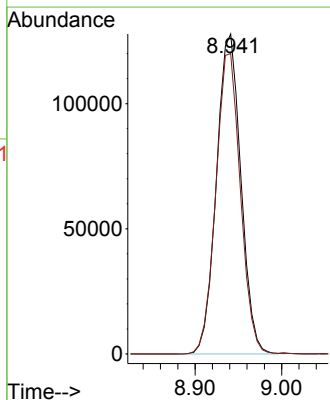
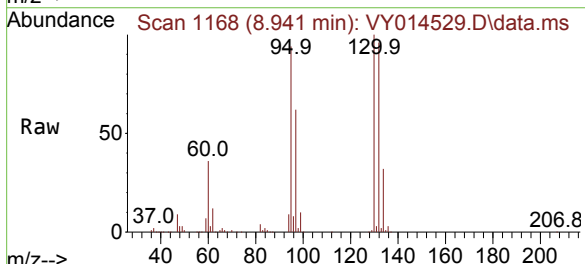
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

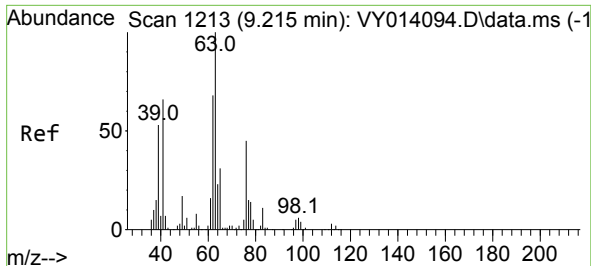
Tgt Ion: 43 Resp: 361563
Ion Ratio Lower Upper
43 100
61 31.0 21.1 31.7
87 15.2 9.8 14.8#



#44
Trichloroethene
Concen: 49.332 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

Tgt Ion:130 Resp: 250032
Ion Ratio Lower Upper
130 100
95 93.9 0.0 196.0





#45

1,2-Dichloropropane

Concen: 50.319 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY014529.D

Acq: 30 Jun 2023 20:37

Instrument :

MSVOA_Y

ClientSampleId :

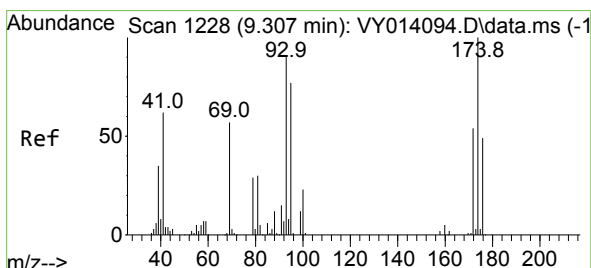
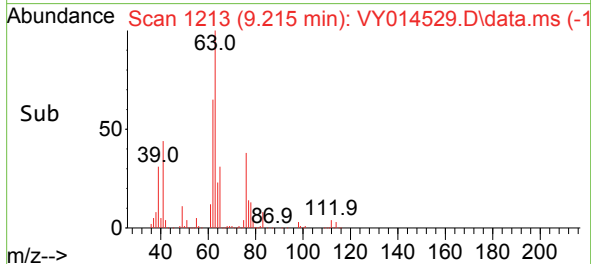
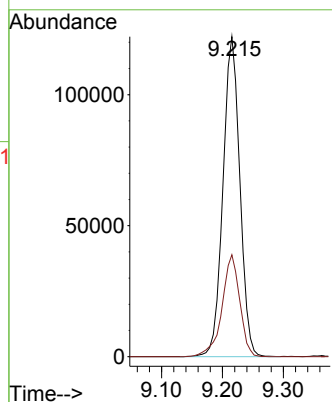
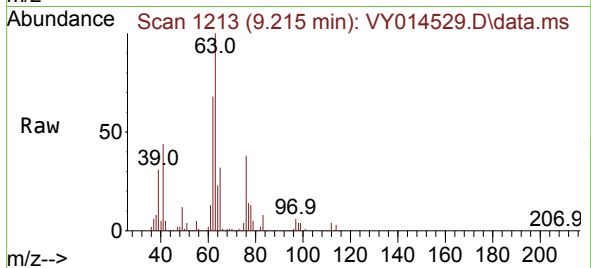
VSTDCCC050EC

Tgt Ion: 63 Resp: 234681

Ion Ratio Lower Upper

63 100

65 31.9 23.8 35.6



#46

Dibromomethane

Concen: 50.548 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY014529.D

Acq: 30 Jun 2023 20:37

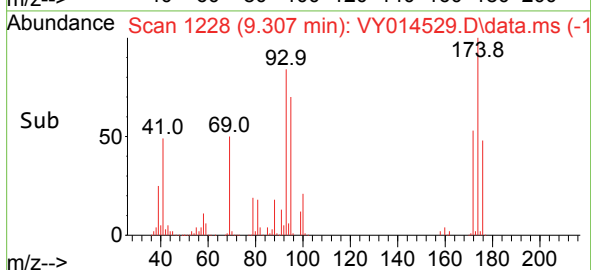
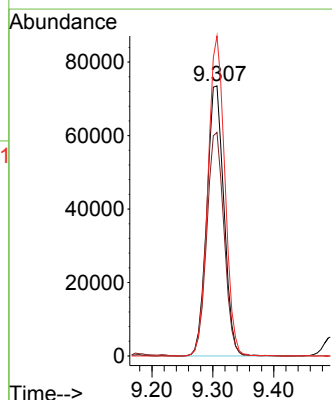
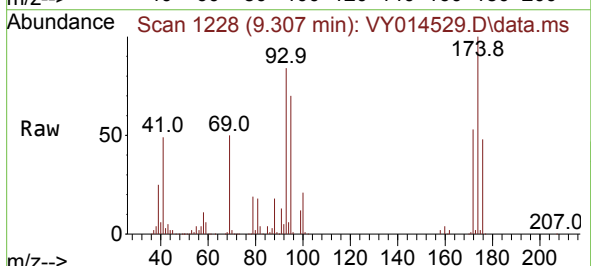
Tgt Ion: 93 Resp: 143520

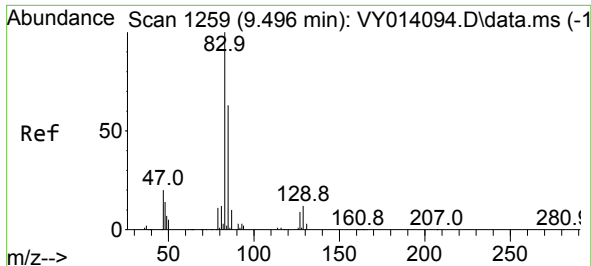
Ion Ratio Lower Upper

93 100

95 83.4 66.6 100.0

174 116.8 84.8 127.2

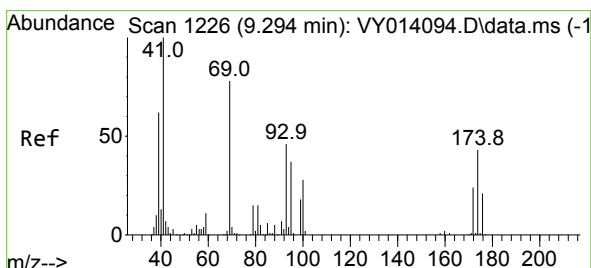
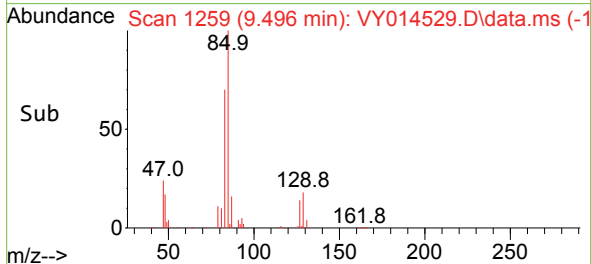
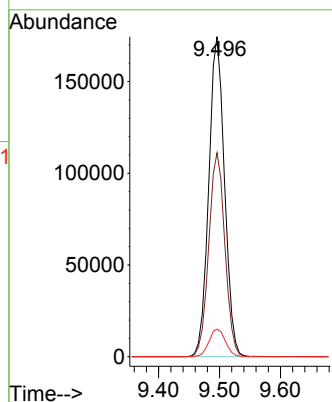
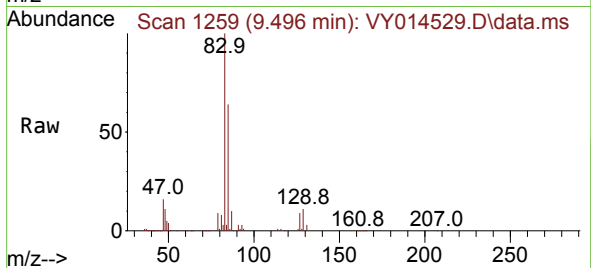




#47
Bromodichloromethane
Concen: 50.140 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

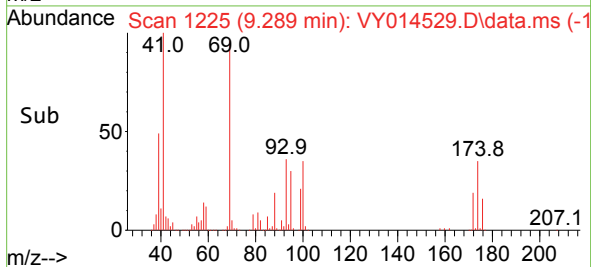
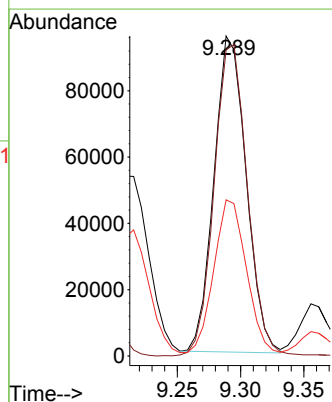
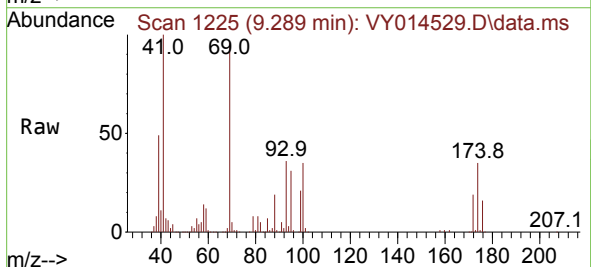
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

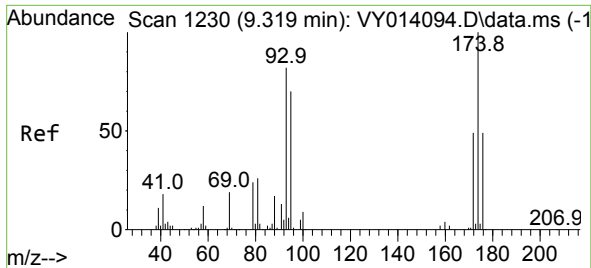
Tgt Ion: 83 Resp: 313670
Ion Ratio Lower Upper
83 100
85 63.7 50.1 75.1
127 8.6 7.1 10.7



#48
Methyl methacrylate
Concen: 52.999 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.005 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

Tgt Ion: 41 Resp: 168227
Ion Ratio Lower Upper
41 100
69 102.3 64.5 96.7#
39 48.9 50.8 76.2#

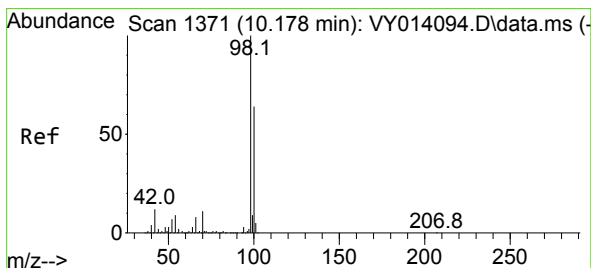
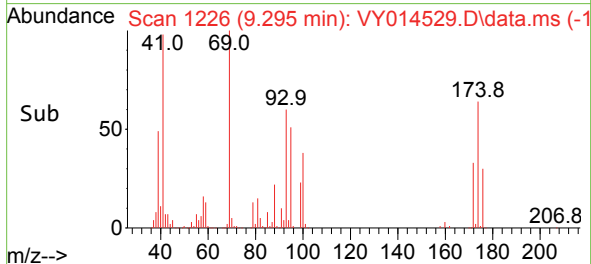
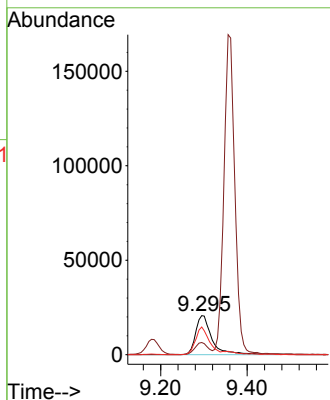
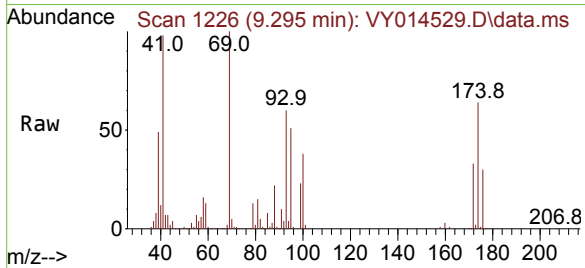




#49
1,4-Dioxane
Concen: 1076.484 ug/l
RT: 9.295 min Scan# 11
Delta R.T. -0.024 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

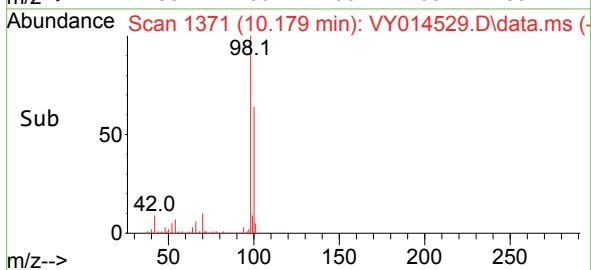
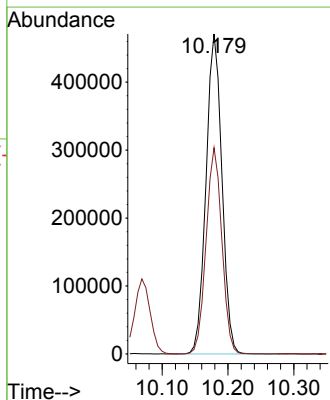
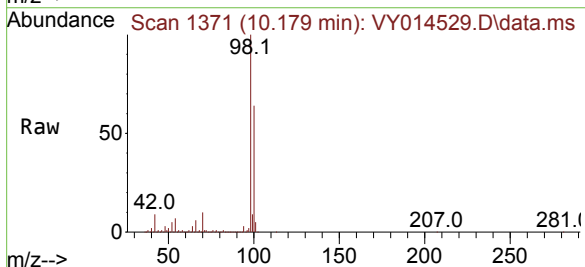
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

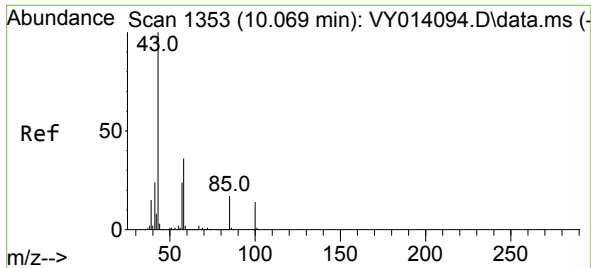
Tgt Ion: 88 Resp: 54578
Ion Ratio Lower Upper
88 100
43 24.3 0.0 0.0#
58 60.3 30.9 46.3#



#50
Toluene-d8
Concen: 51.095 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

Tgt Ion: 98 Resp: 792136
Ion Ratio Lower Upper
98 100
100 63.8 50.1 75.1

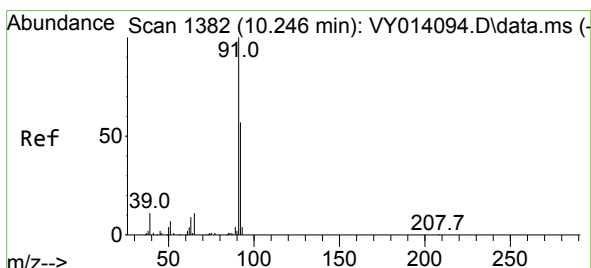
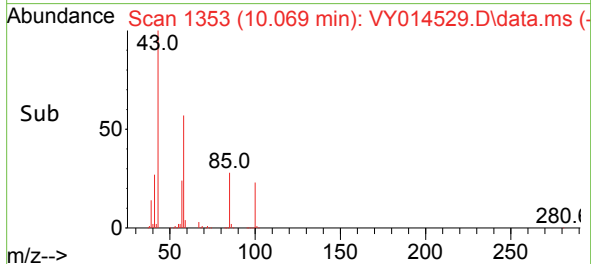
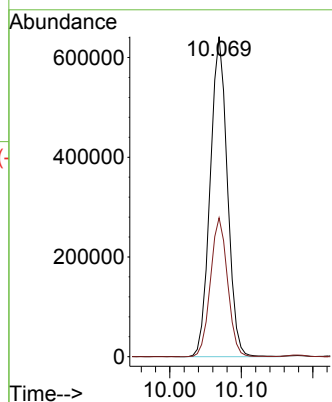
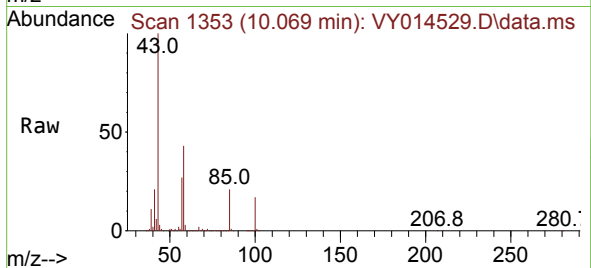




#51
4-Methyl-2-Pentanone
Concen: 258.812 ug/l
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

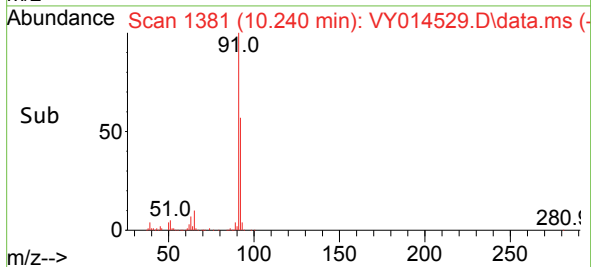
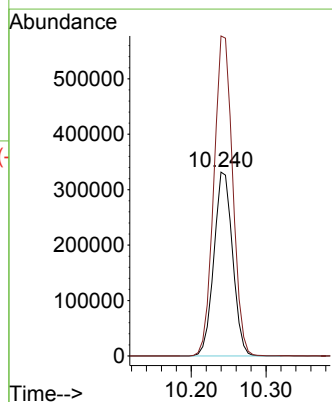
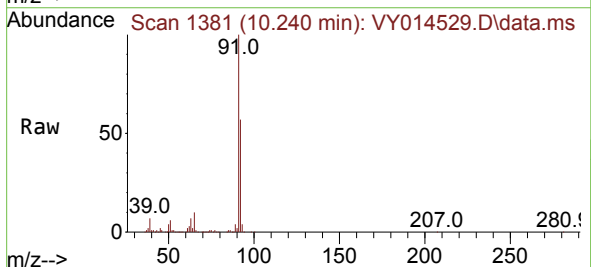
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

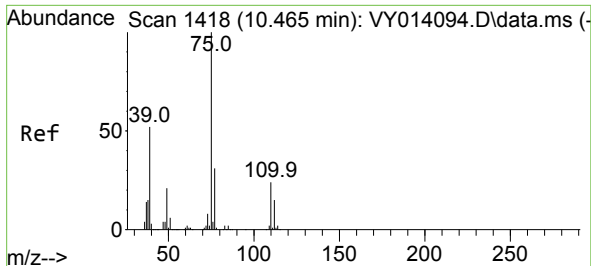
Tgt Ion: 43 Resp: 1069502
Ion Ratio Lower Upper
43 100
58 43.3 29.0 43.6



#52
Toluene
Concen: 50.199 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

Tgt Ion: 92 Resp: 574294
Ion Ratio Lower Upper
92 100
91 175.7 143.8 215.6

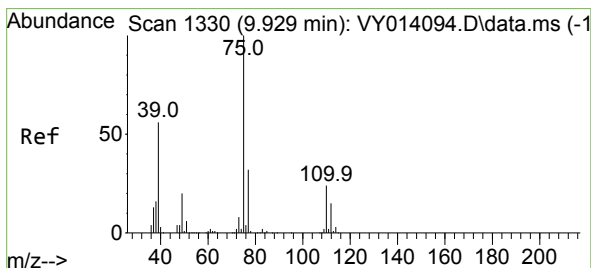
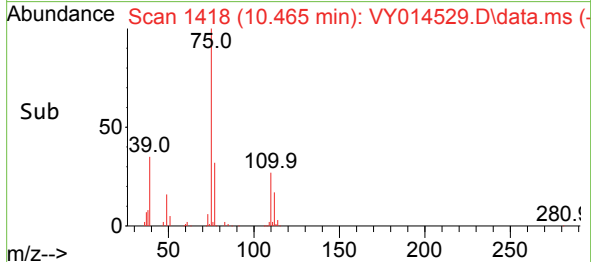
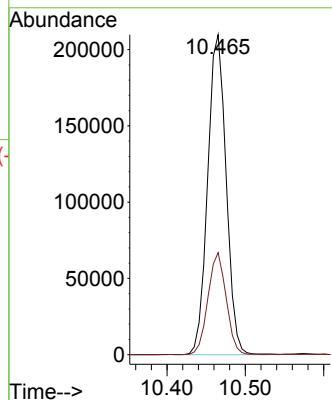
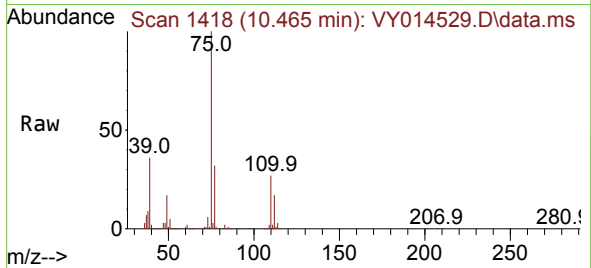




#53
t-1,3-Dichloropropene
Concen: 51.317 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

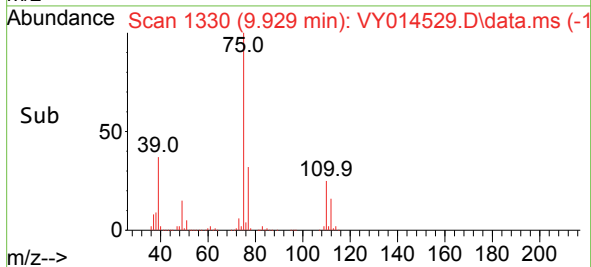
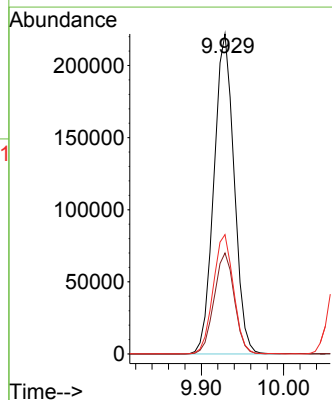
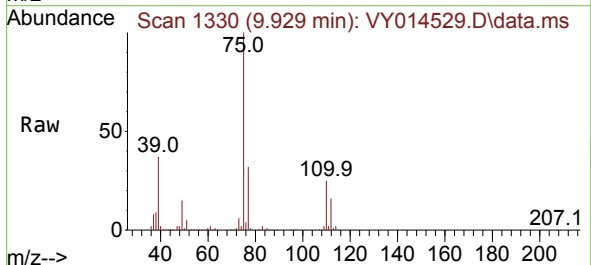
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

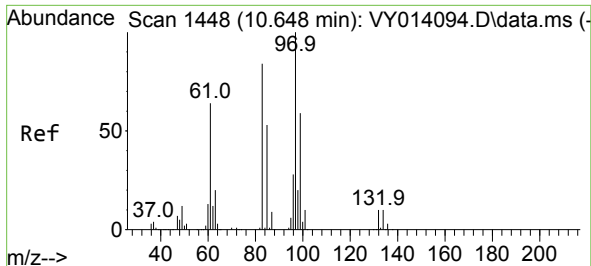
Tgt Ion: 75 Resp: 343305
Ion Ratio Lower Upper
75 100
77 31.9 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 50.680 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

Tgt Ion: 75 Resp: 378279
Ion Ratio Lower Upper
75 100
77 31.6 24.2 36.4
39 37.3 42.2 63.4#



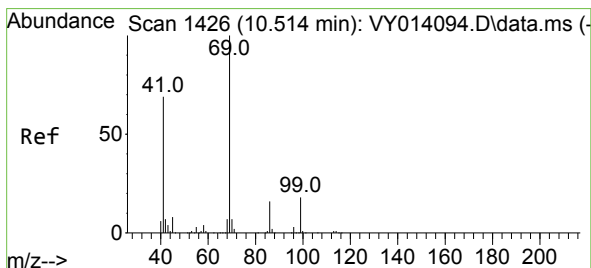
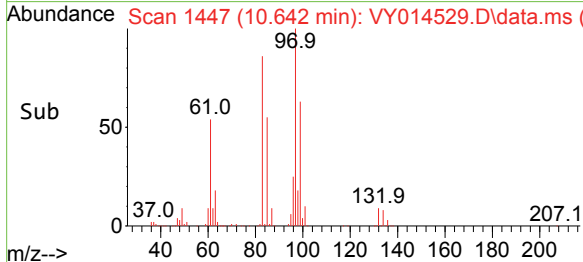
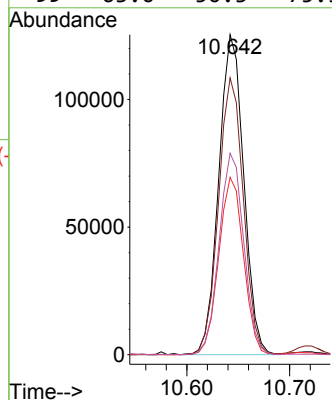
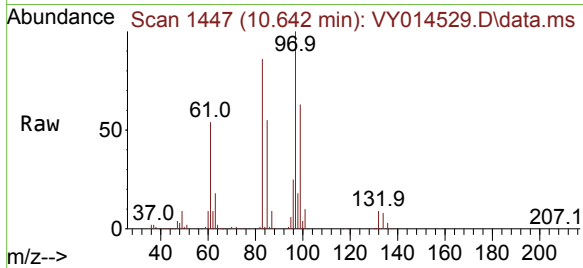


#55
1,1,2-Trichloroethane
Concen: 51.164 ug/l
RT: 10.642 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 211379

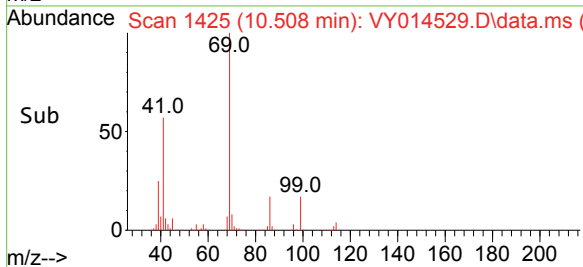
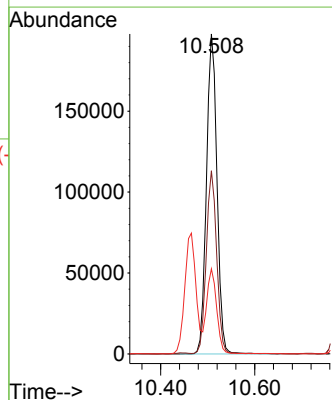
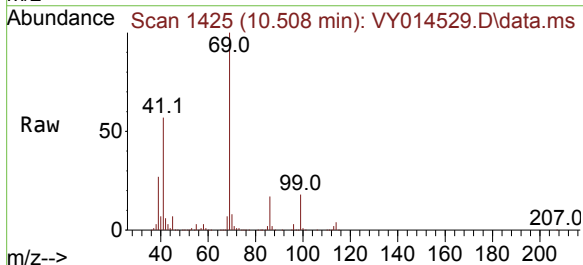
Ion	Ratio	Lower	Upper
97	100		
83	86.4	72.0	108.0
85	55.4	45.4	68.0
99	63.0	50.3	75.5

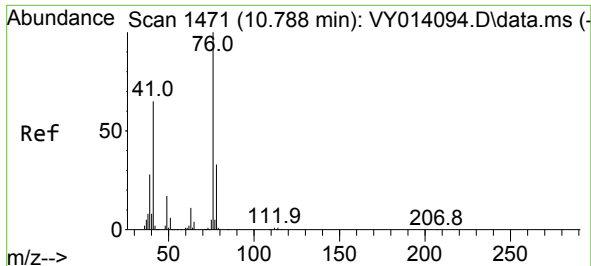


#56
Ethyl methacrylate
Concen: 54.357 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

Tgt Ion: 69 Resp: 305483

Ion	Ratio	Lower	Upper
69	100		
41	56.4	57.6	86.4#
39	24.8	34.1	51.1#





#57

1,3-Dichloropropane

Concen: 51.493 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014529.D

Acq: 30 Jun 2023 20:37

Instrument :

MSVOA_Y

ClientSampleId :

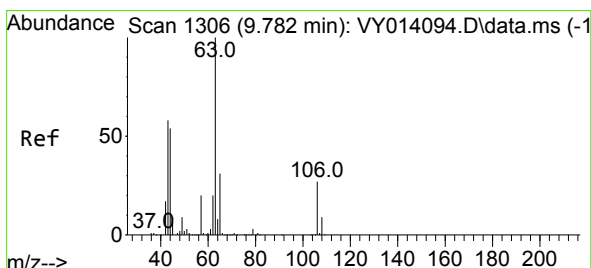
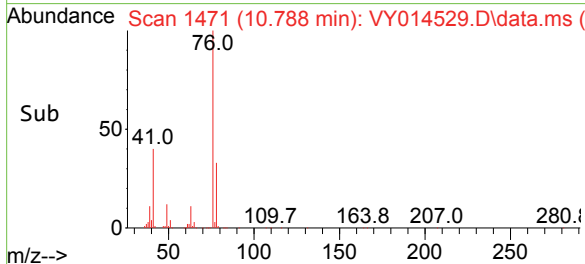
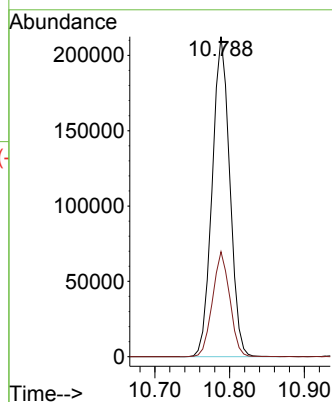
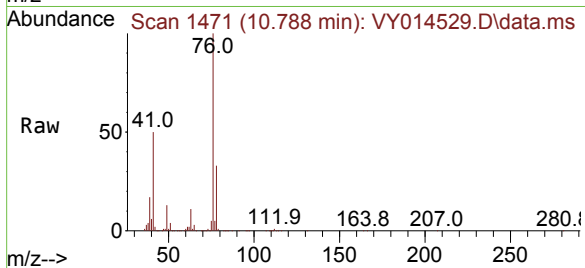
VSTDCCC050EC

Tgt Ion: 76 Resp: 346627

Ion Ratio Lower Upper

76 100

78 32.2 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 271.924 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY014529.D

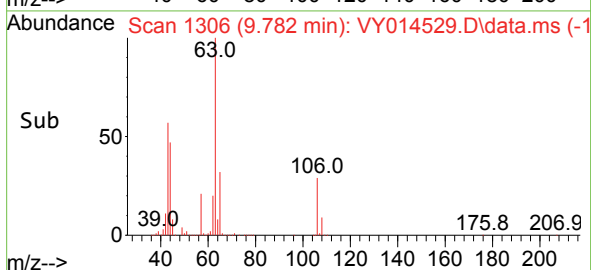
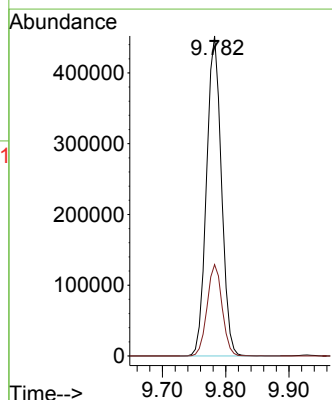
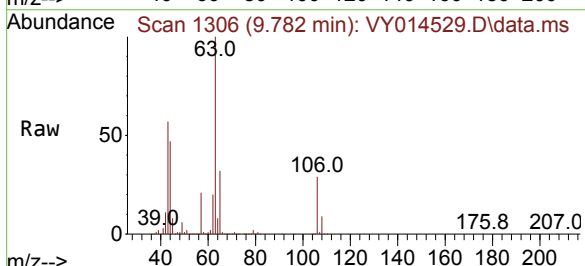
Acq: 30 Jun 2023 20:37

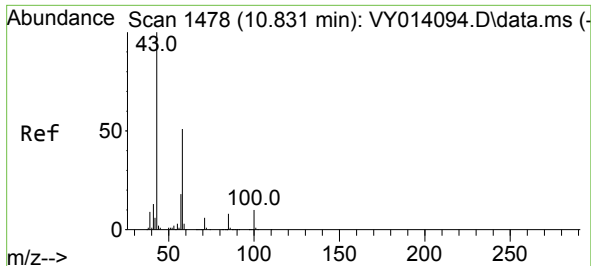
Tgt Ion: 63 Resp: 740336

Ion Ratio Lower Upper

63 100

106 28.8 21.2 31.8

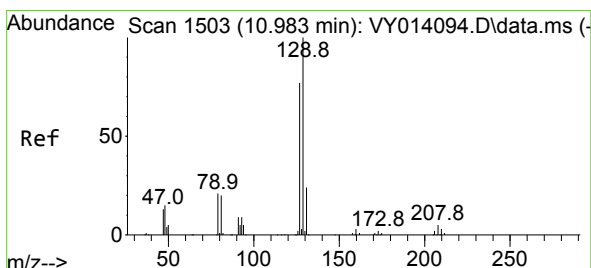
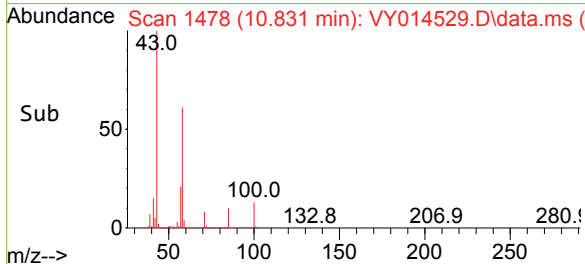
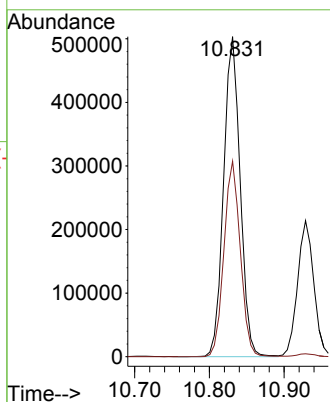
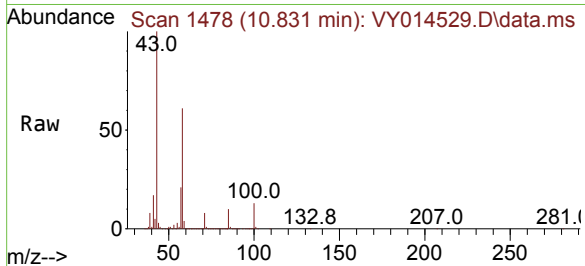




#59
2-Hexanone
Concen: 260.416 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

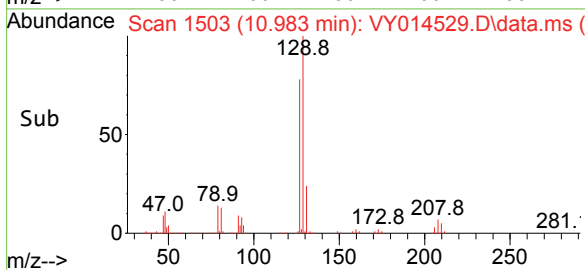
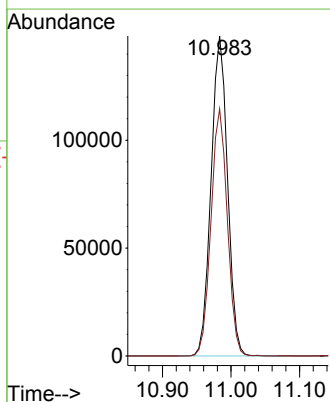
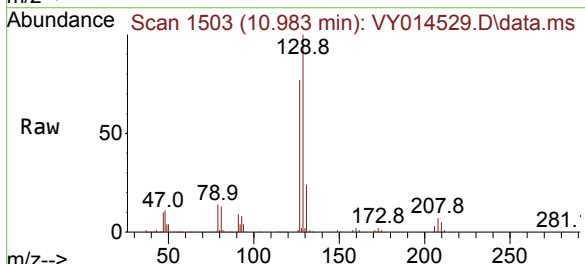
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

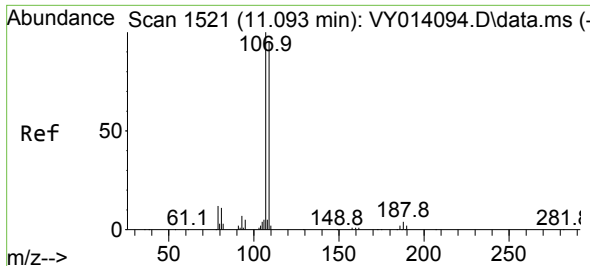
Tgt Ion: 43 Resp: 777353
Ion Ratio Lower Upper
43 100
58 60.3 25.1 75.3



#60
Dibromochloromethane
Concen: 51.042 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

Tgt Ion: 129 Resp: 247092
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.5

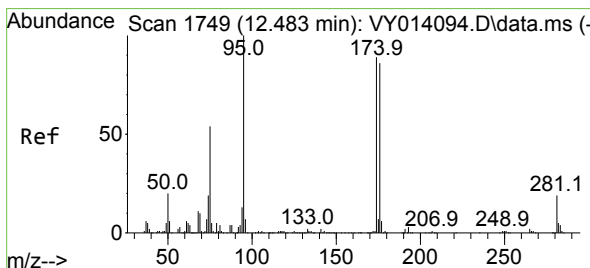
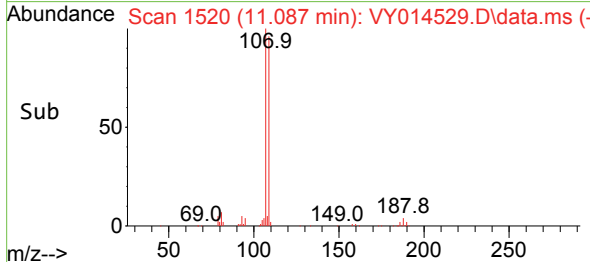
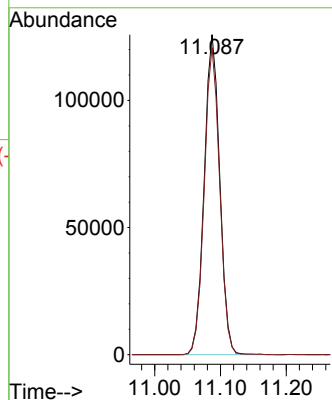
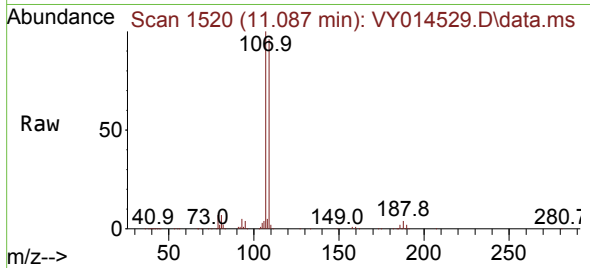




#61
1,2-Dibromoethane
Concen: 51.211 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

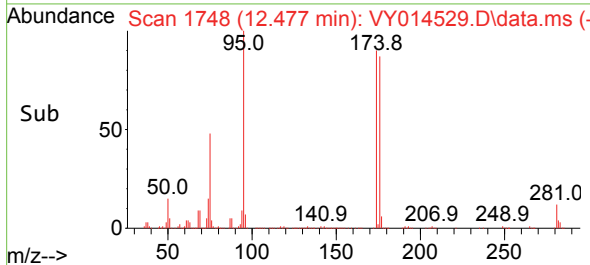
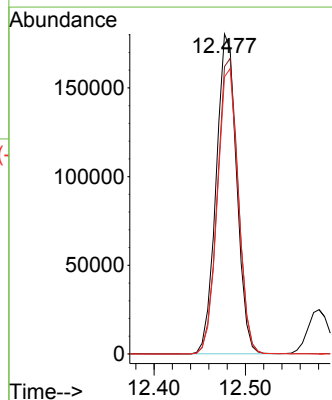
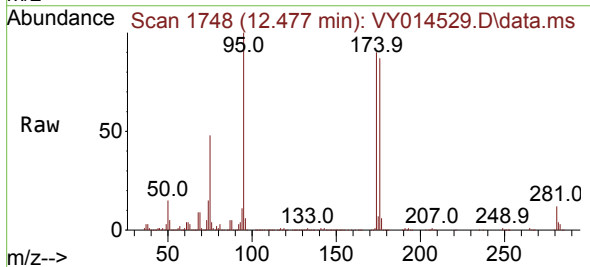
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

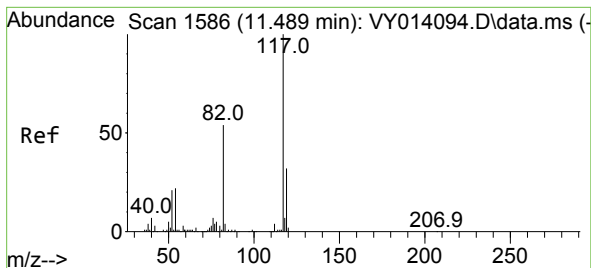
Tgt Ion:107 Resp: 206553
Ion Ratio Lower Upper
107 100
109 95.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.138 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

Tgt Ion: 95 Resp: 280678
Ion Ratio Lower Upper
95 100
174 94.1 0.0 178.2
176 91.2 0.0 173.8

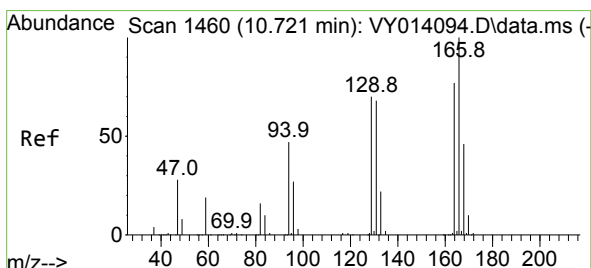
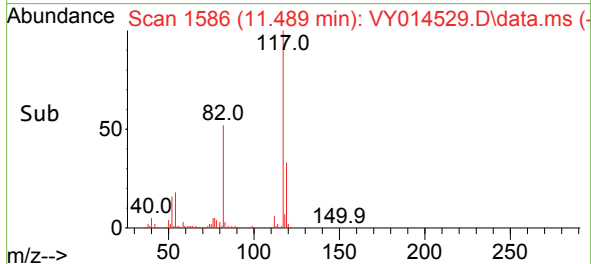
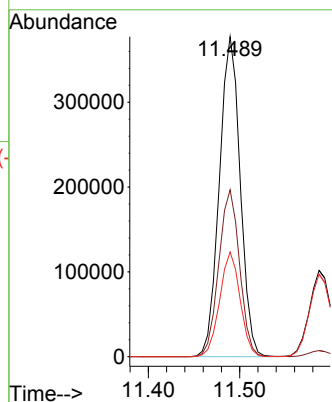
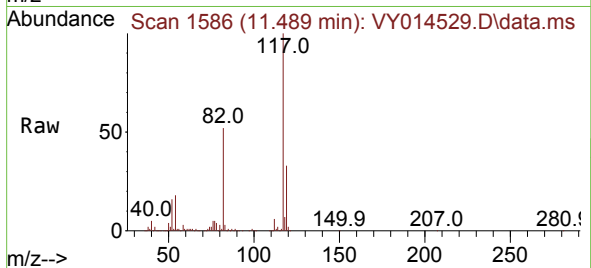




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

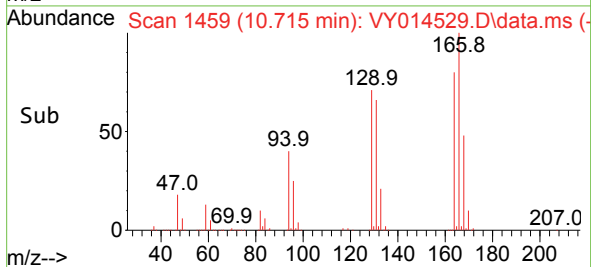
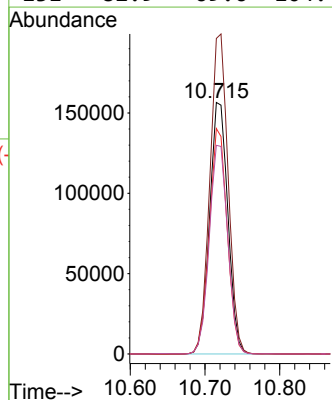
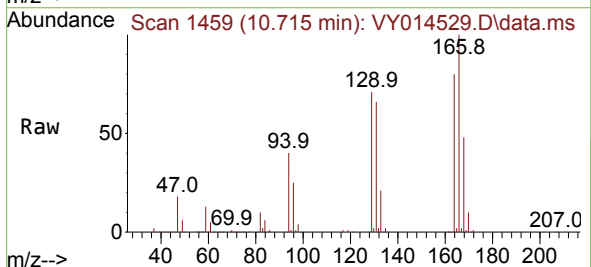
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

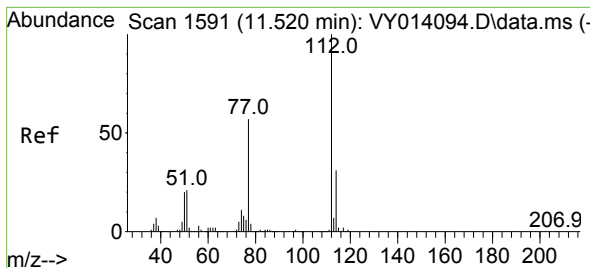
Tgt Ion:117 Resp: 598551
Ion Ratio Lower Upper
117 100
82 52.1 43.4 65.0
119 32.7 26.3 39.5



#64
Tetrachloroethene
Concen: 49.735 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

Tgt Ion:164 Resp: 266115
Ion Ratio Lower Upper
164 100
166 125.4 103.0 154.6
129 89.6 77.2 115.8
131 82.9 69.6 104.4

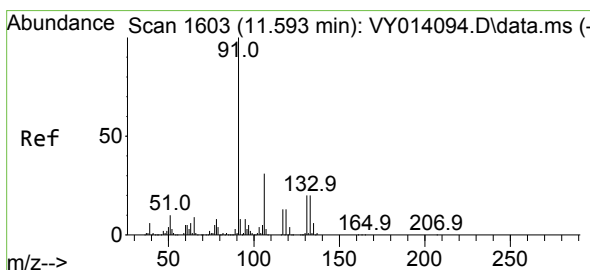
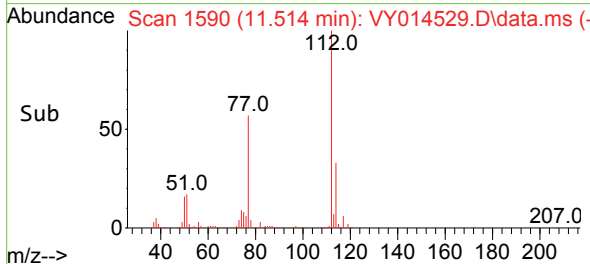
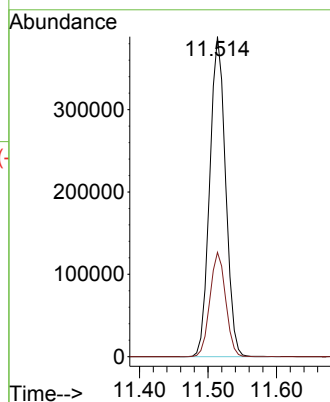
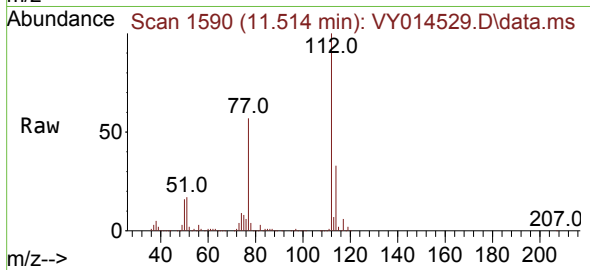




#65
Chlorobenzene
Concen: 49.108 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

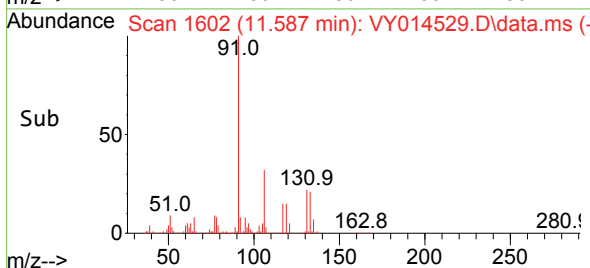
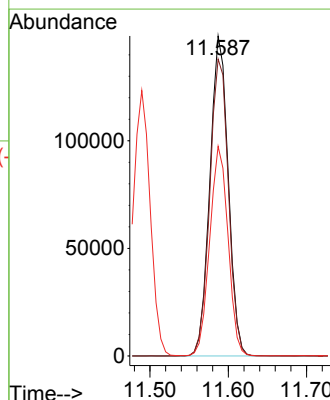
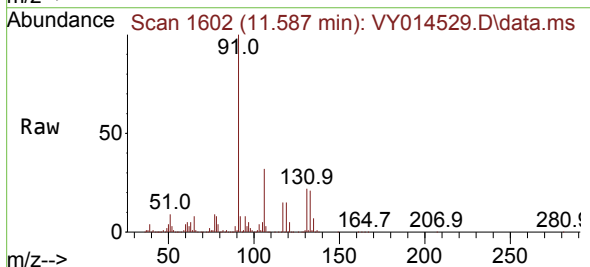
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

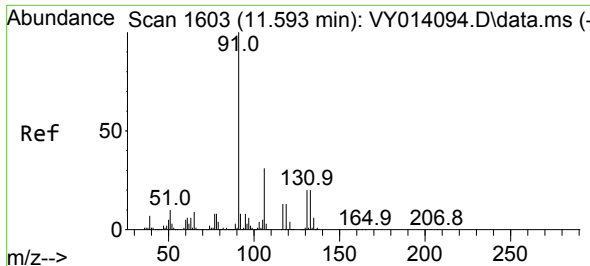
Tgt Ion:112 Resp: 626406
Ion Ratio Lower Upper
112 100
114 32.6 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 49.856 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

Tgt Ion:131 Resp: 241708
Ion Ratio Lower Upper
131 100
133 94.7 47.5 142.6
119 65.5 31.6 94.7

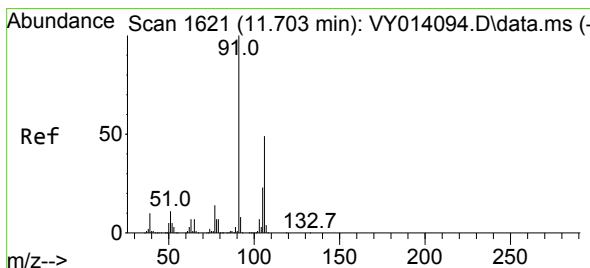
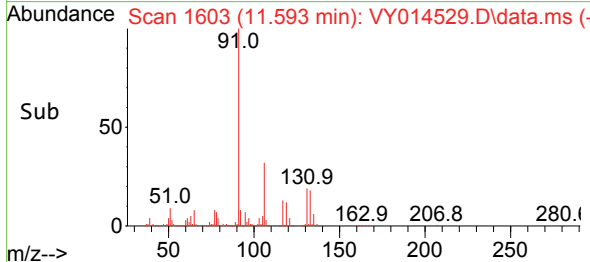
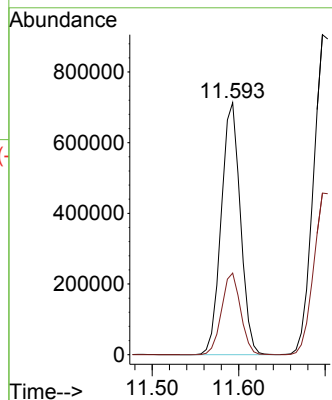
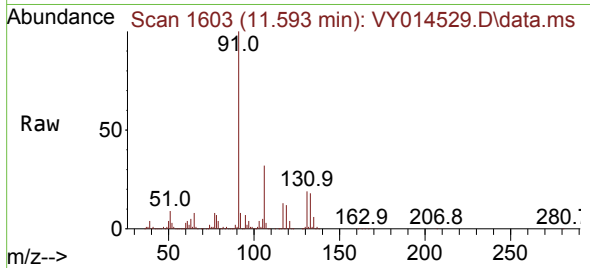




#67
Ethyl Benzene
Concen: 50.357 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

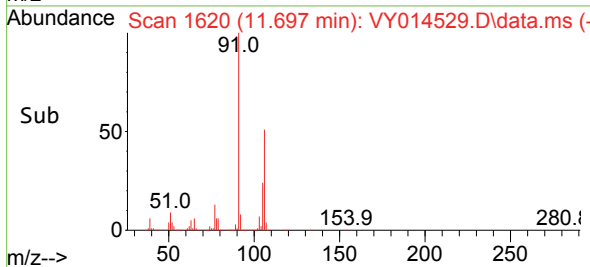
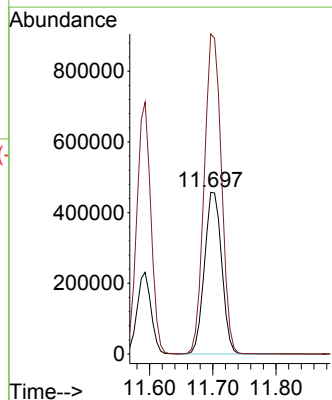
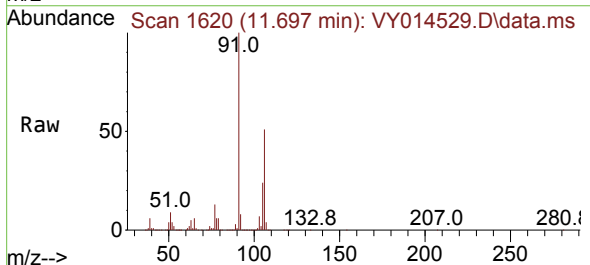
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

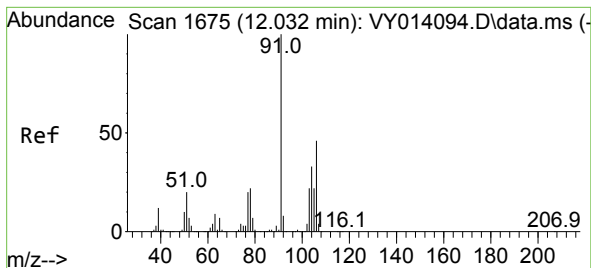
Tgt Ion: 91 Resp: 1095385
Ion Ratio Lower Upper
91 100
106 32.4 24.6 36.8



#68
m/p-Xylenes
Concen: 100.379 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

Tgt Ion:106 Resp: 866113
Ion Ratio Lower Upper
106 100
91 197.6 166.1 249.1





#69

o-Xylene

Concen: 50.743 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014529.D

Acq: 30 Jun 2023 20:37

Instrument :

MSVOA_Y

ClientSampleId :

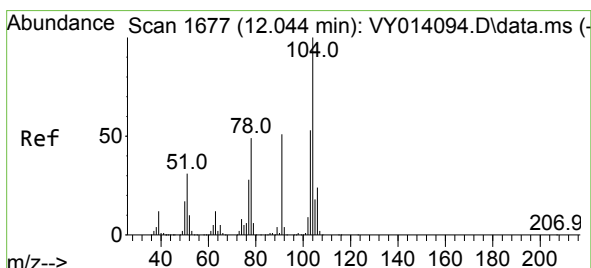
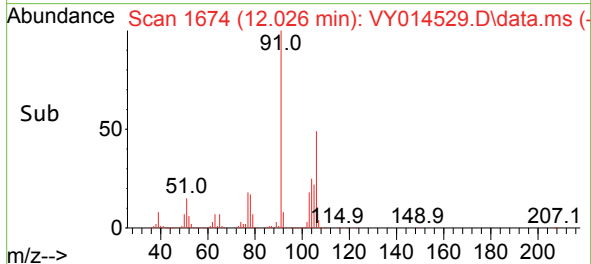
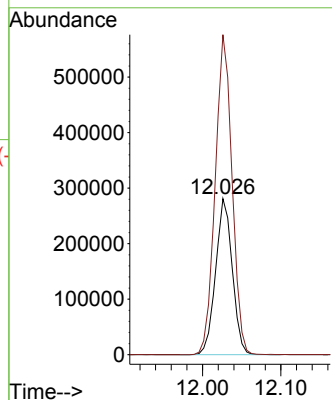
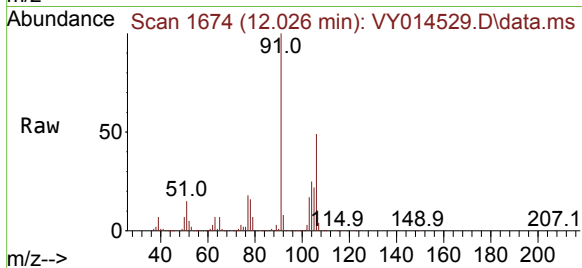
VSTDCCC050EC

Tgt Ion:106 Resp: 415268

Ion Ratio Lower Upper

106 100

91 207.8 108.1 324.3



#70

Styrene

Concen: 51.151 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY014529.D

Acq: 30 Jun 2023 20:37

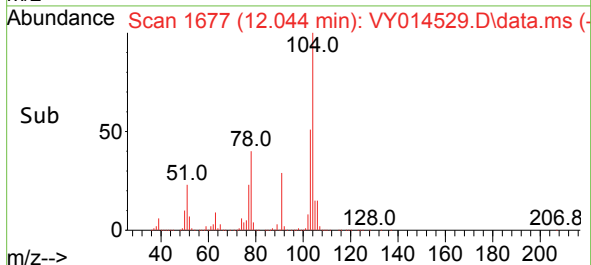
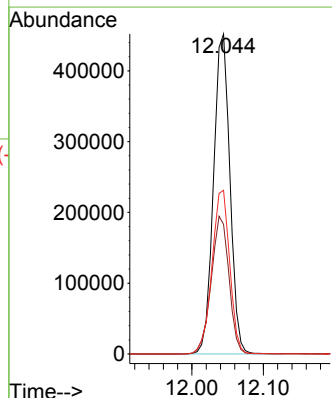
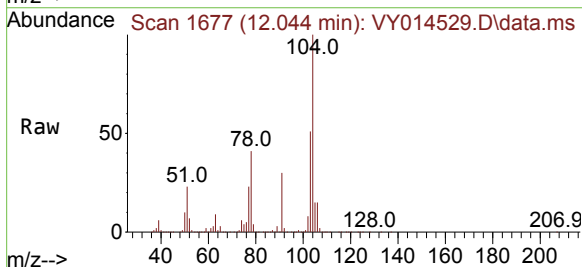
Tgt Ion:104 Resp: 720209

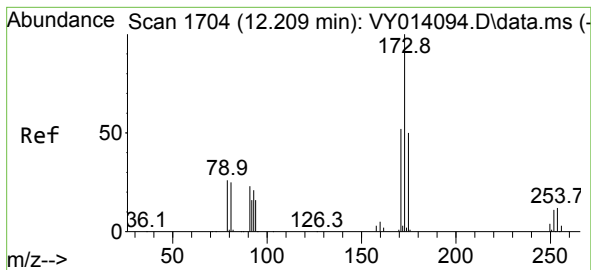
Ion Ratio Lower Upper

104 100

78 46.6 41.5 62.3

103 55.4 44.6 67.0





#71

Bromoform

Concen: 50.660 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014529.D

Acq: 30 Jun 2023 20:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

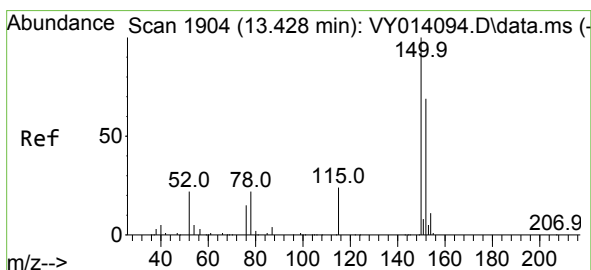
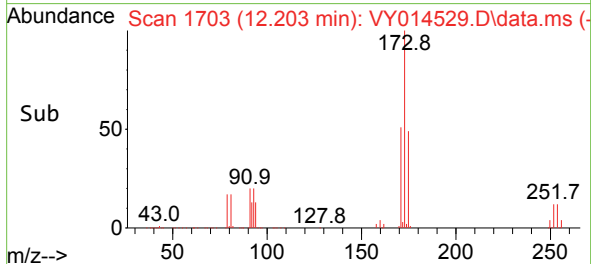
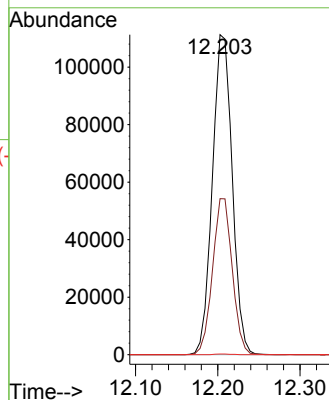
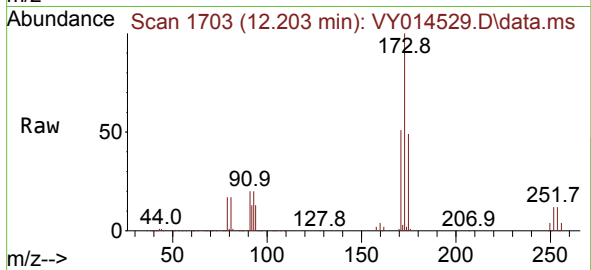
Tgt Ion:173 Resp: 186590

Ion Ratio Lower Upper

173 100

175 48.4 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: VY014529.D

Acq: 30 Jun 2023 20:37

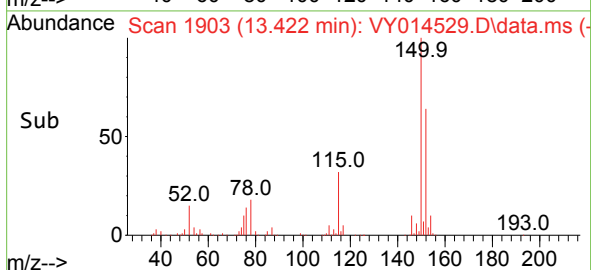
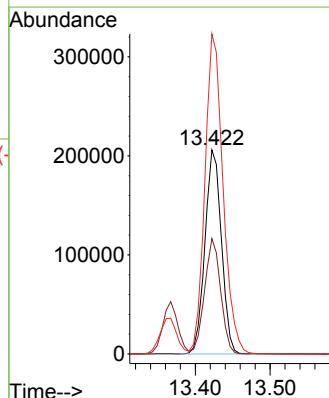
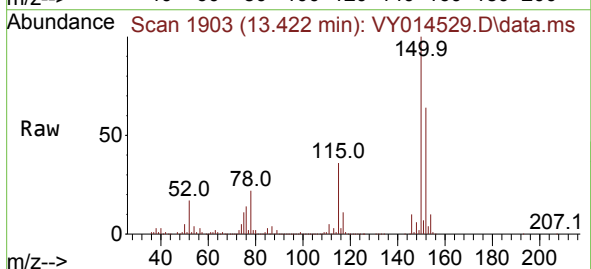
Tgt Ion:152 Resp: 315262

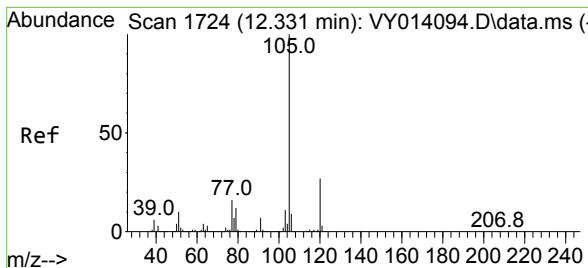
Ion Ratio Lower Upper

152 100

115 54.8 28.8 86.5

150 172.3 0.0 348.8





#73

Isopropylbenzene

Concen: 51.644 ug/l

RT: 12.325 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014529.D

Acq: 30 Jun 2023 20:37

Instrument :

MSVOA_Y

ClientSampleId :

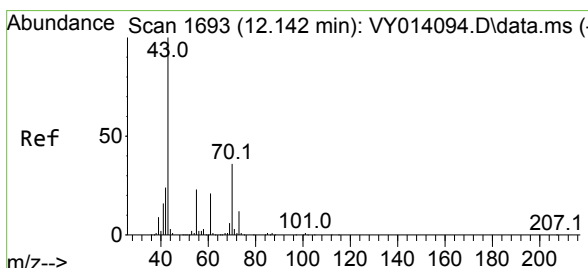
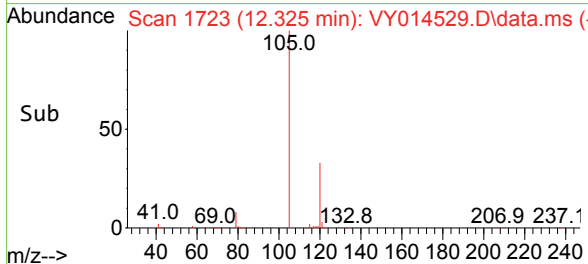
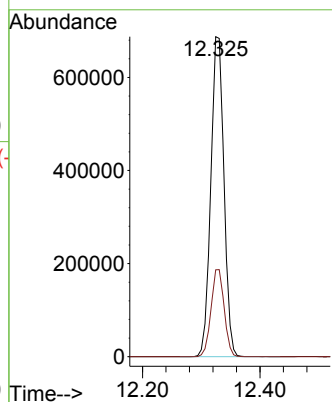
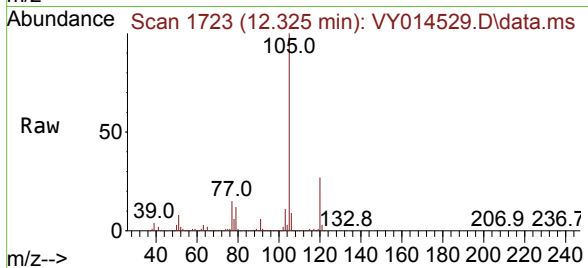
VSTDCCC050EC

Tgt Ion:105 Resp: 1066308

Ion Ratio Lower Upper

105 100

120 27.2 13.3 39.9



#74

N-ethyl acetate

Concen: 51.410 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014529.D

Acq: 30 Jun 2023 20:37

Tgt Ion: 43 Resp: 320368

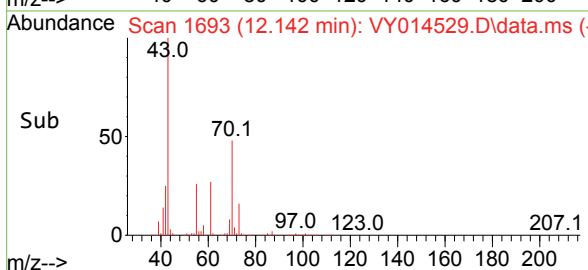
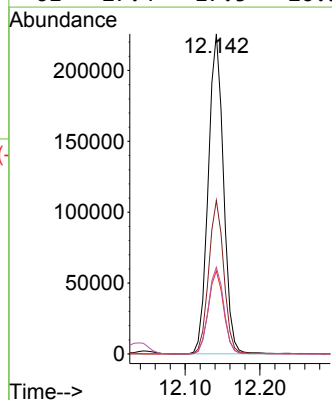
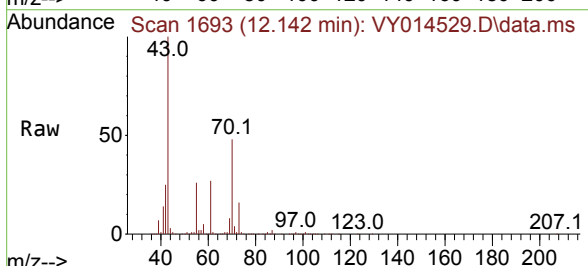
Ion Ratio Lower Upper

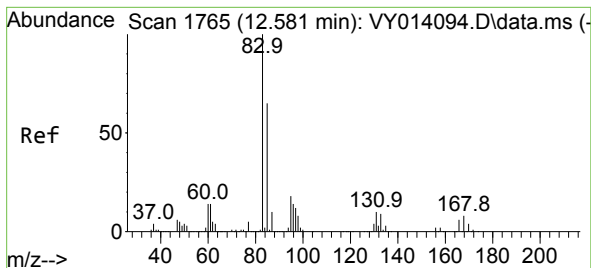
43 100

70 47.5 29.7 44.5#

55 26.2 18.3 27.5

61 27.4 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 51.113 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY014529.D

Acq: 30 Jun 2023 20:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

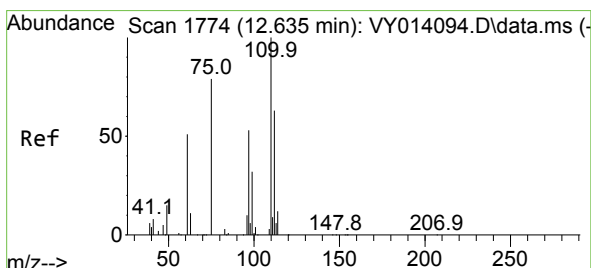
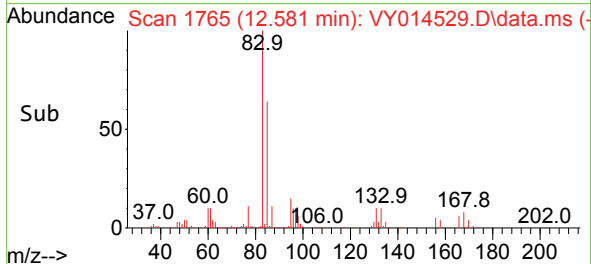
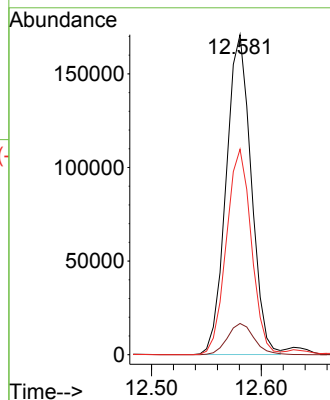
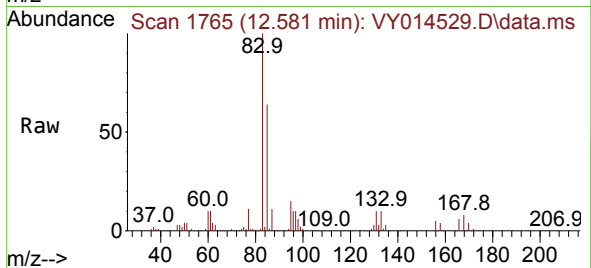
Tgt Ion: 83 Resp: 270823

Ion Ratio Lower Upper

83 100

131 10.4 5.4 16.2

85 64.2 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 93.502 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY014529.D

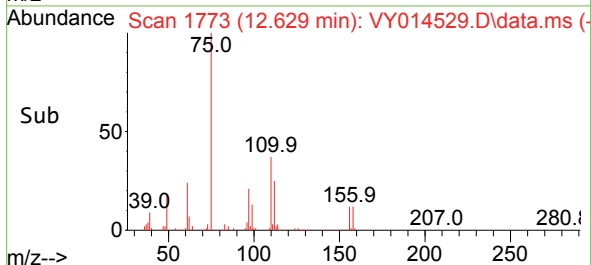
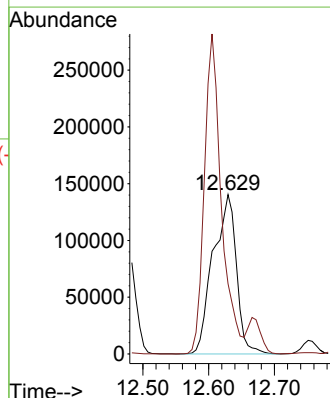
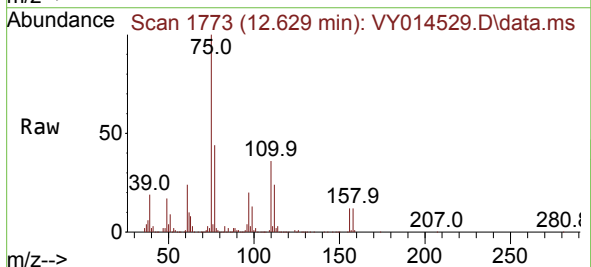
Acq: 30 Jun 2023 20:37

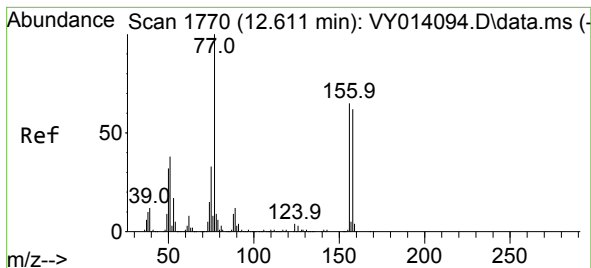
Tgt Ion: 75 Resp: 345910

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.563 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY014529.D

Acq: 30 Jun 2023 20:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

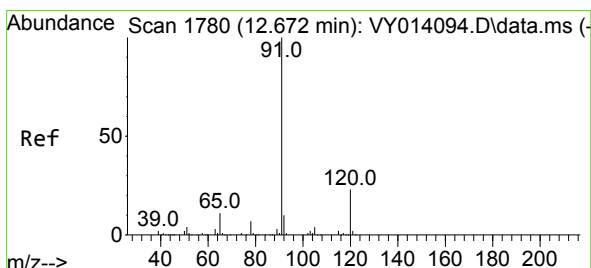
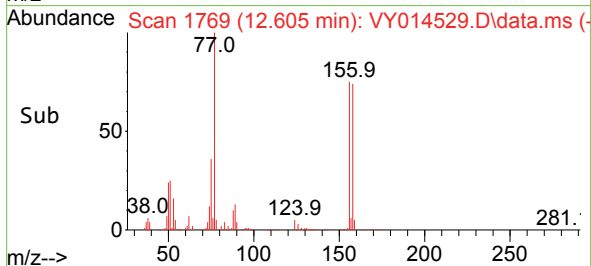
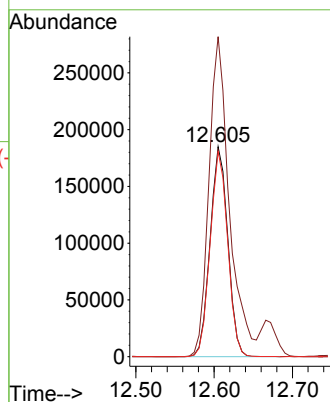
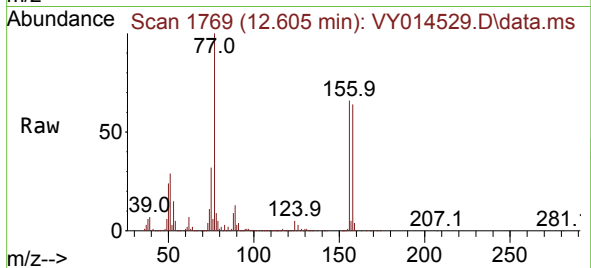
Tgt Ion:156 Resp: 290786

Ion Ratio Lower Upper

156 100

77 175.6 92.8 278.6

158 96.7 48.4 145.3



#78

n-propylbenzene

Concen: 51.036 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY014529.D

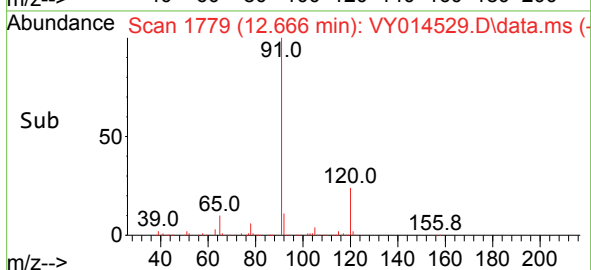
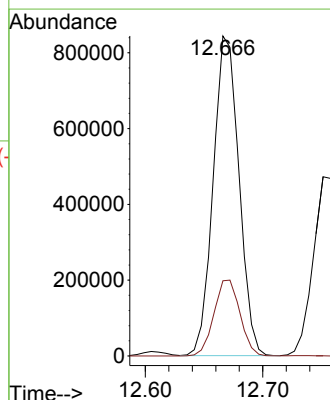
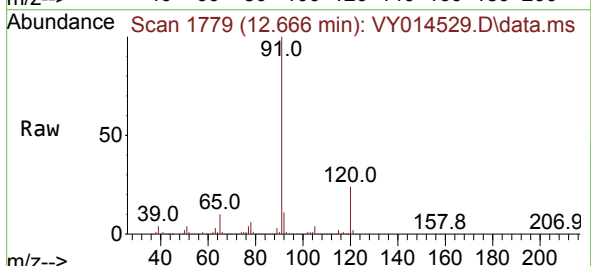
Acq: 30 Jun 2023 20:37

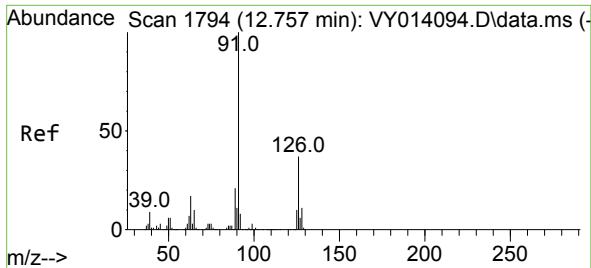
Tgt Ion: 91 Resp: 1285402

Ion Ratio Lower Upper

91 100

120 24.0 11.5 34.4

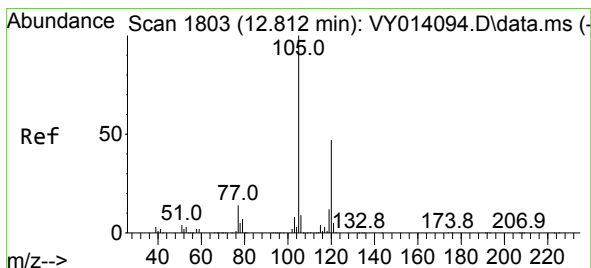
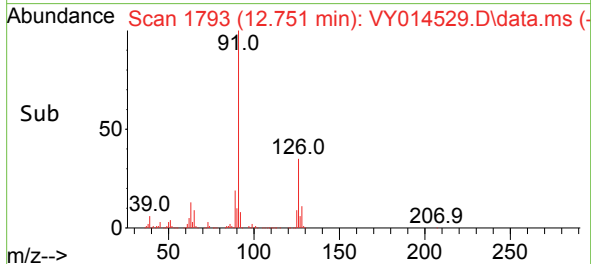
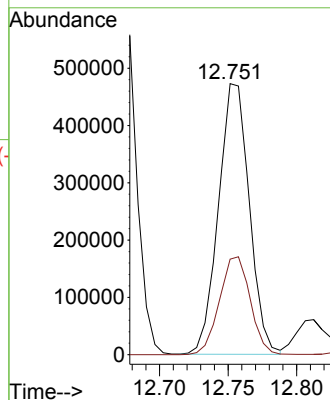
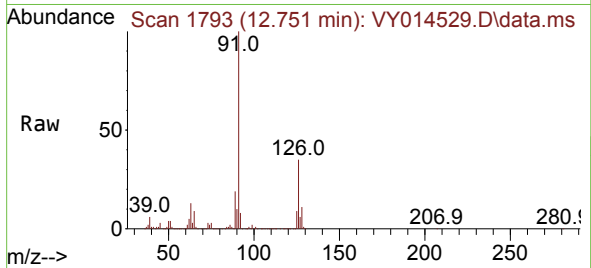




#79
2-Chlorotoluene
Concen: 51.131 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

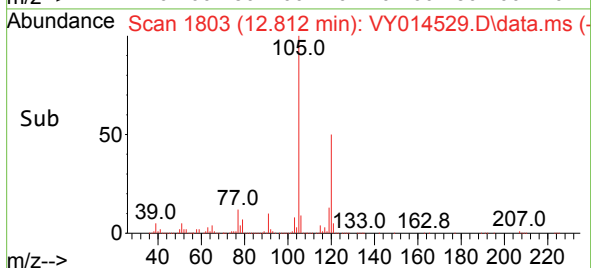
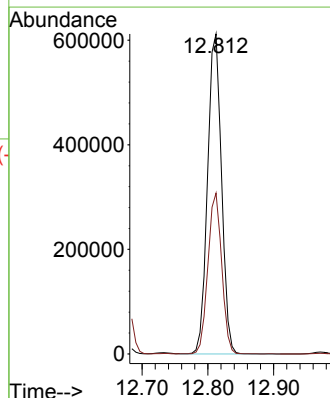
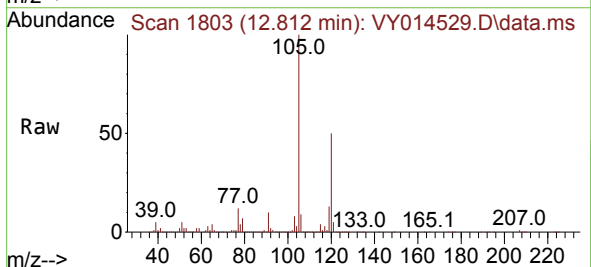
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

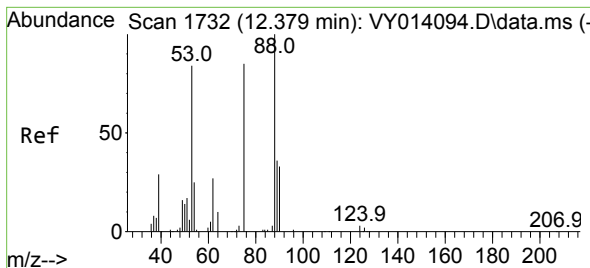
Tgt Ion: 91 Resp: 741122
Ion Ratio Lower Upper
91 100
126 36.1 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 51.615 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

Tgt Ion: 105 Resp: 902204
Ion Ratio Lower Upper
105 100
120 49.7 23.9 71.7

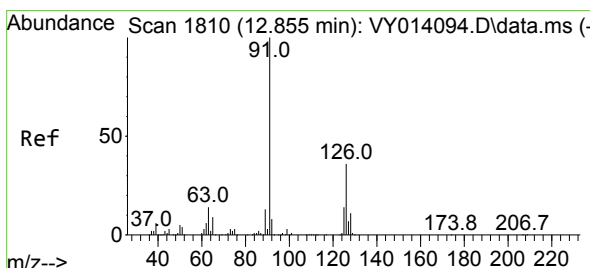
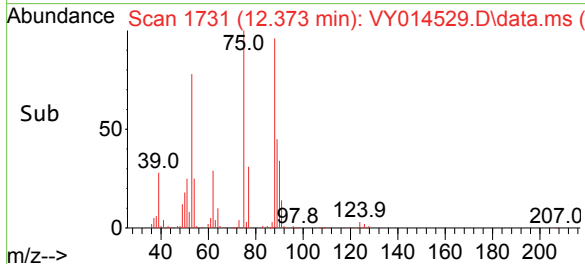
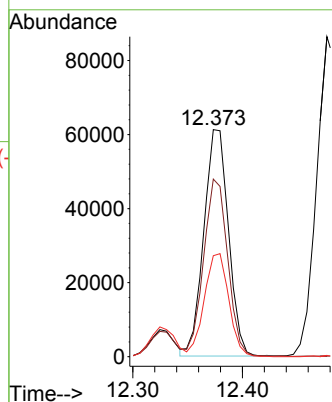
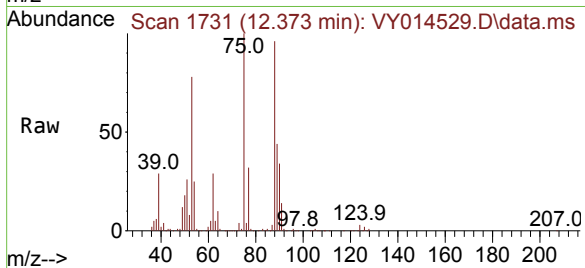




#81
trans-1,4-Dichloro-2-butene
Concen: 50.199 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

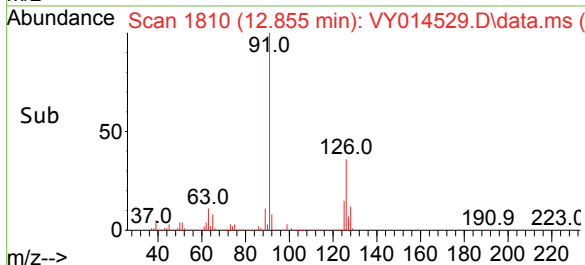
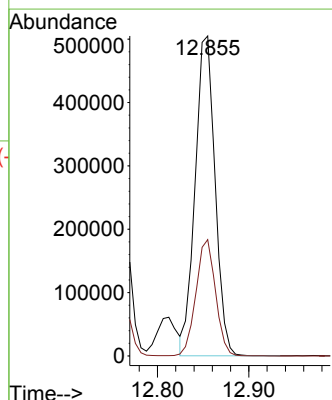
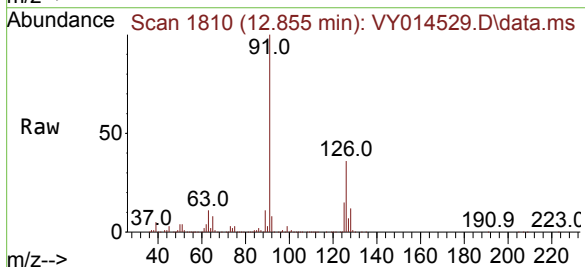
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

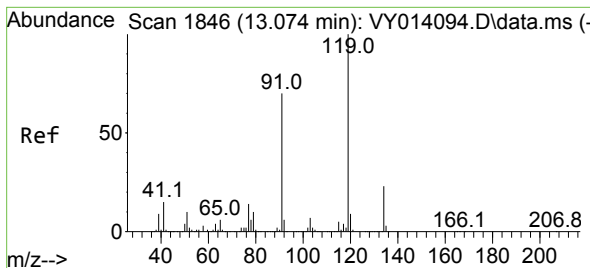
Tgt Ion: 75 Resp: 95412
Ion Ratio Lower Upper
75 100
53 76.5 77.8 116.8#
89 45.2 37.4 56.0



#82
4-Chlorotoluene
Concen: 50.345 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

Tgt Ion: 91 Resp: 764499
Ion Ratio Lower Upper
91 100
126 35.8 17.2 51.6





#83

tert-Butylbenzene

Concen: 51.370 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY014529.D

Acq: 30 Jun 2023 20:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

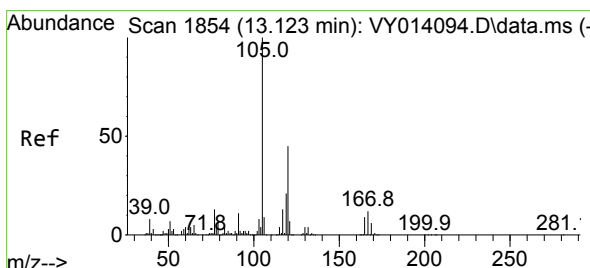
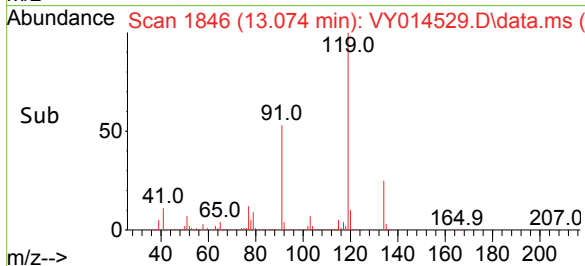
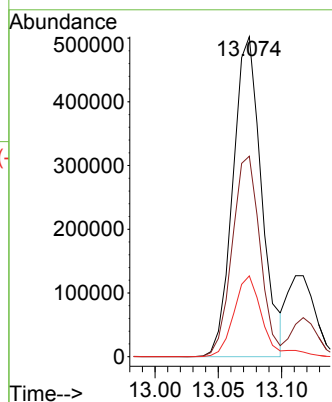
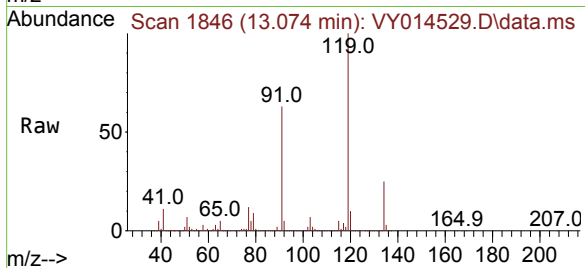
Tgt Ion:119 Resp: 789131

Ion Ratio Lower Upper

119 100

91 61.4 32.9 98.6

134 25.5 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 51.742 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY014529.D

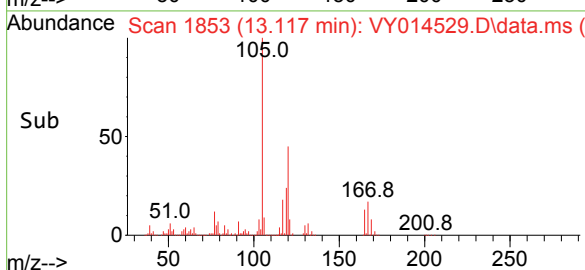
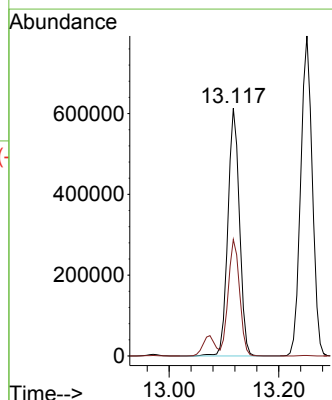
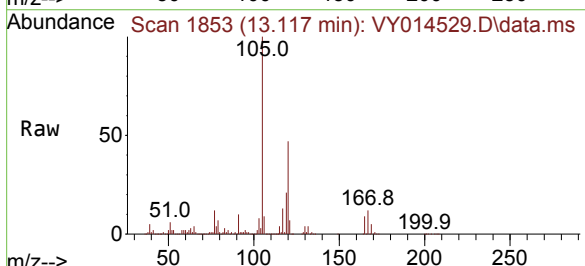
Acq: 30 Jun 2023 20:37

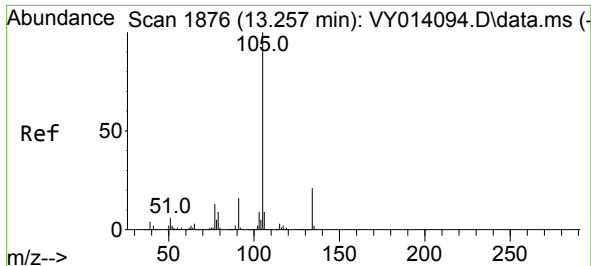
Tgt Ion:105 Resp: 902492

Ion Ratio Lower Upper

105 100

120 46.2 22.2 66.6

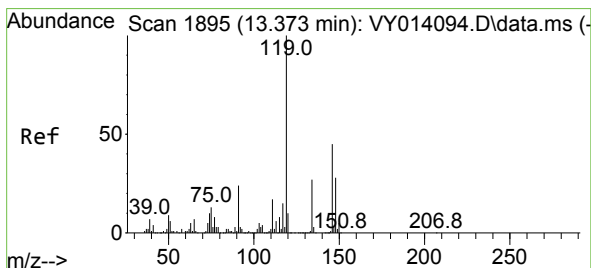
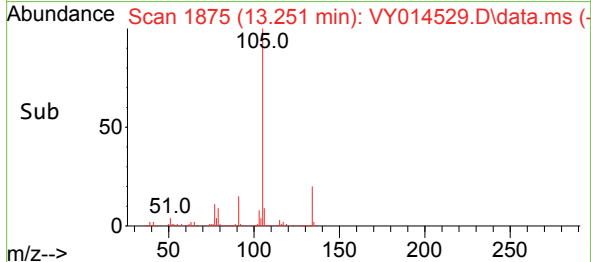
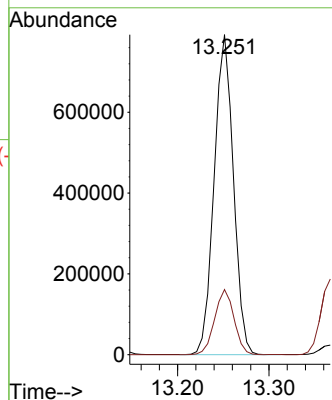
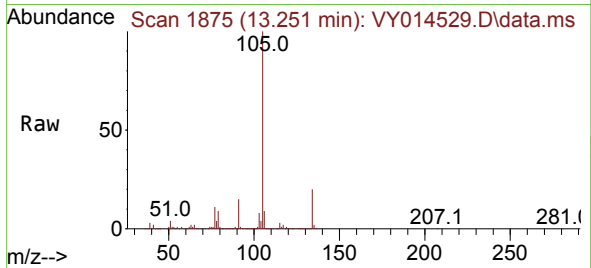




#85
 sec-Butylbenzene
 Concen: 51.025 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: VY014529.D
 Acq: 30 Jun 2023 20:37

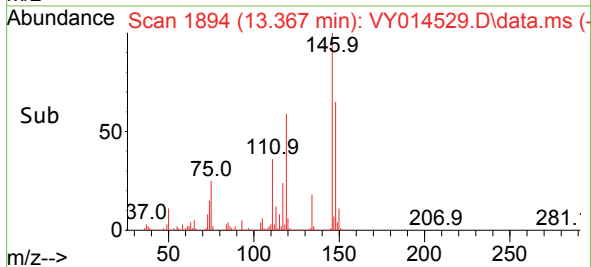
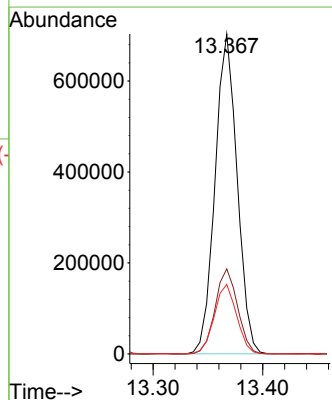
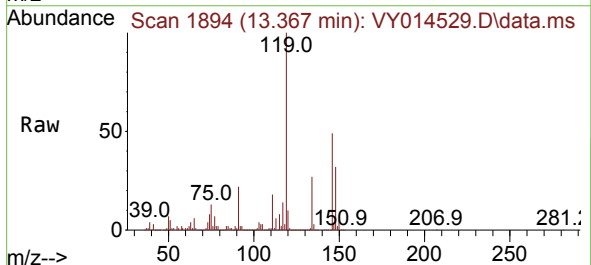
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

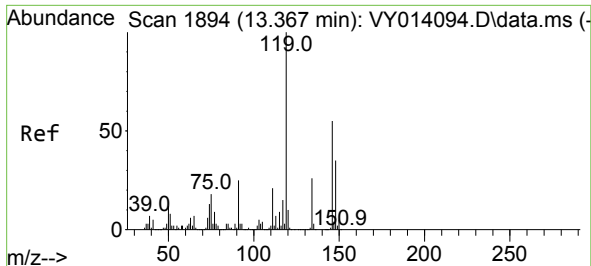
Tgt Ion:105 Resp: 1156657
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 51.557 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: VY014529.D
 Acq: 30 Jun 2023 20:37

Tgt Ion:119 Resp: 983549
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.3 39.8
 91 21.9 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 49.402 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VY014529.D

Acq: 30 Jun 2023 20:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

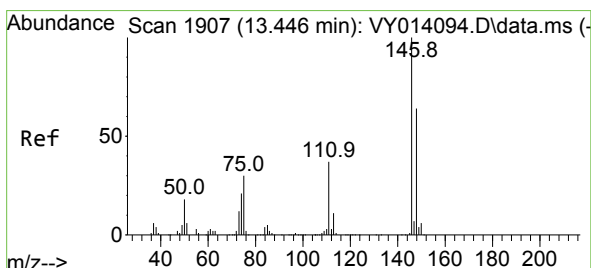
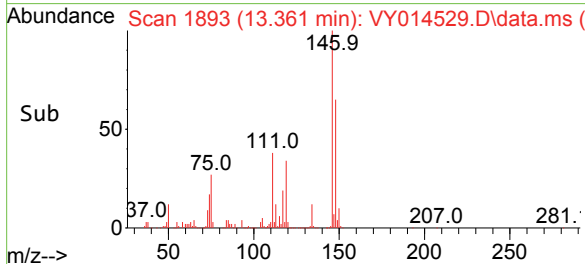
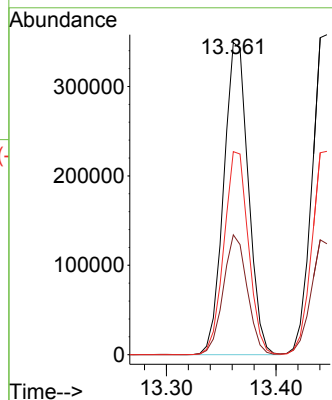
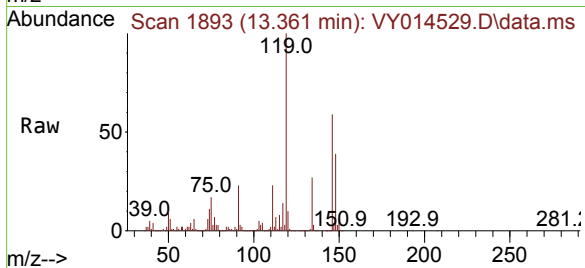
Tgt Ion:146 Resp: 544717

Ion Ratio Lower Upper

146 100

111 37.3 19.4 58.2

148 64.6 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 49.276 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY014529.D

Acq: 30 Jun 2023 20:37

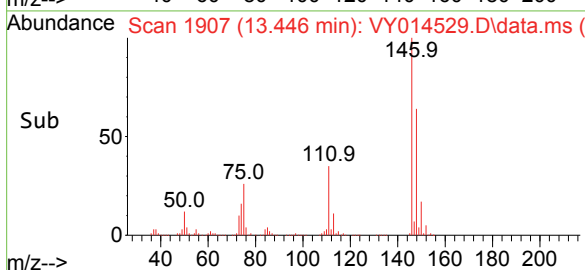
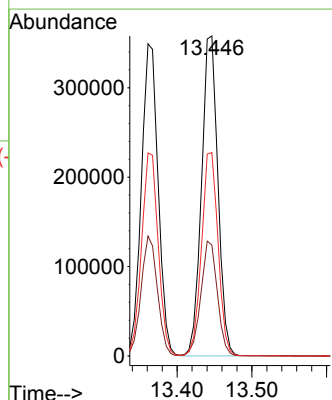
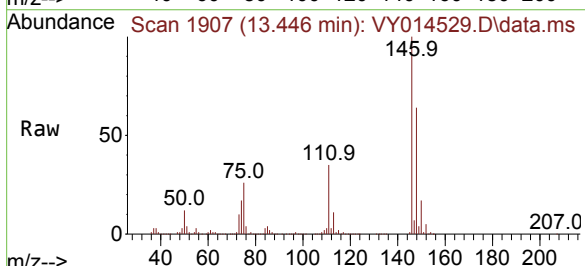
Tgt Ion:146 Resp: 544513

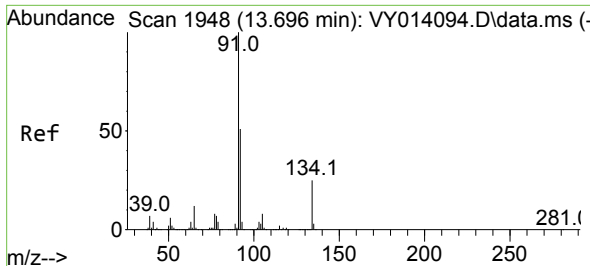
Ion Ratio Lower Upper

146 100

111 36.0 18.9 56.7

148 64.2 32.1 96.5

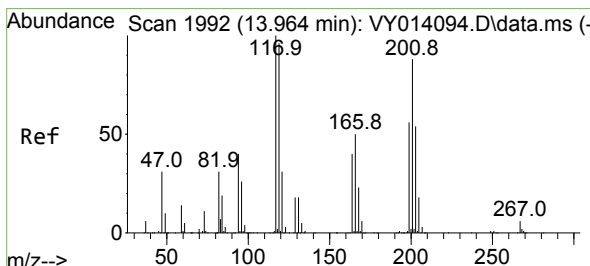
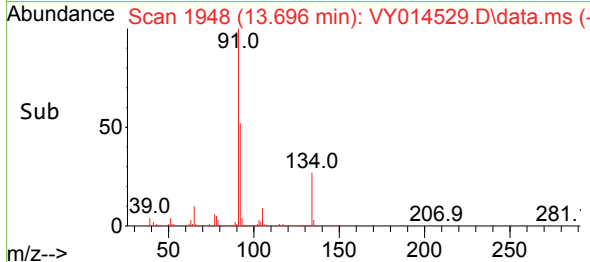
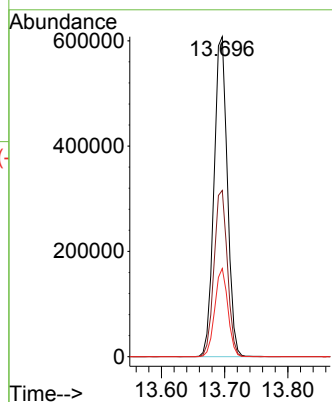
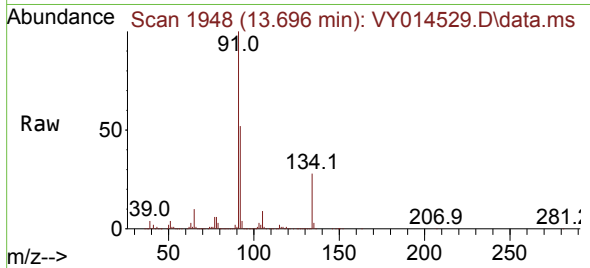




#89
n-Butylbenzene
Concen: 50.658 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

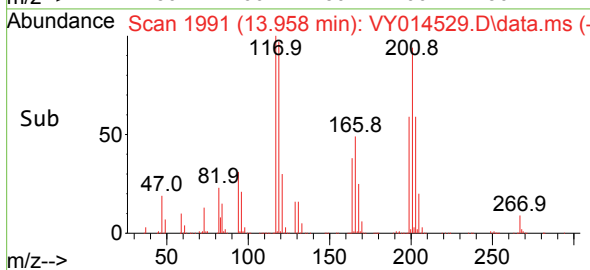
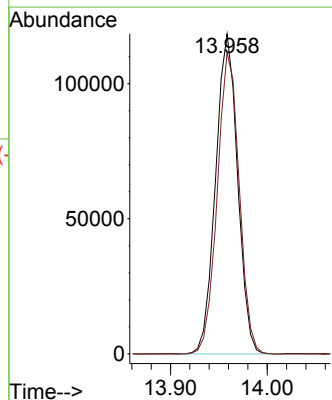
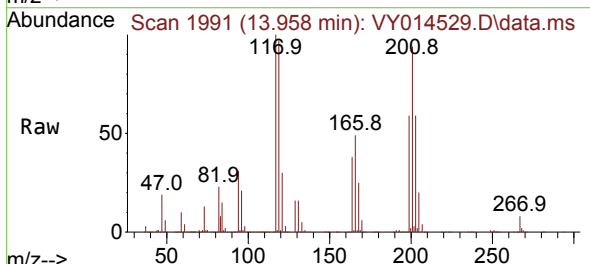
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

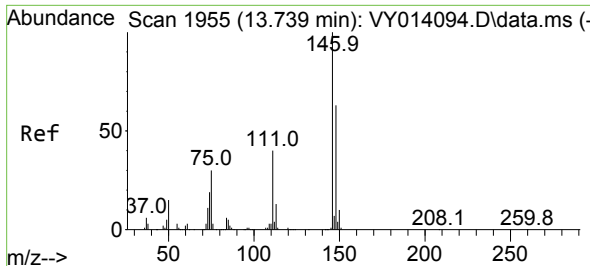
Tgt Ion: 91 Resp: 893102
Ion Ratio Lower Upper
91 100
92 52.1 25.4 76.0
134 27.0 12.6 37.6



#90
Hexachloroethane
Concen: 49.449 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.006 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

Tgt Ion: 117 Resp: 186858
Ion Ratio Lower Upper
117 100
201 93.7 41.6 124.8

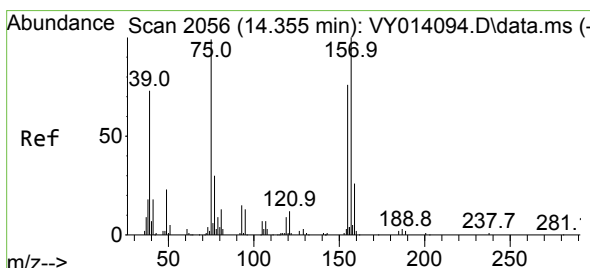
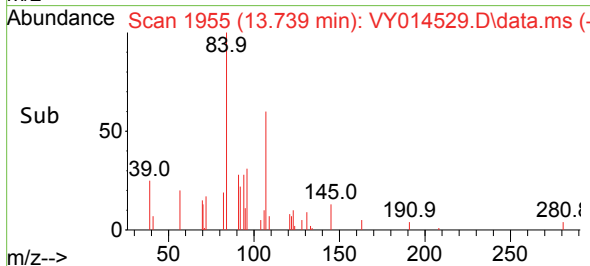
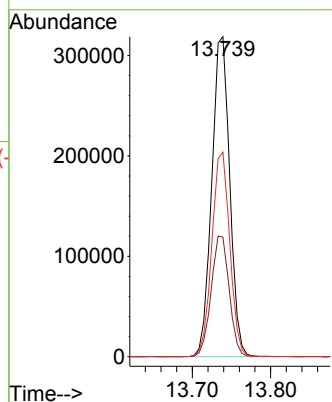
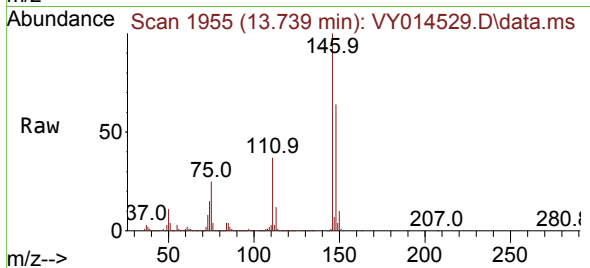




#91
 1,2-Dichlorobenzene
 Concen: 50.809 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY014529.D
 Acq: 30 Jun 2023 20:37

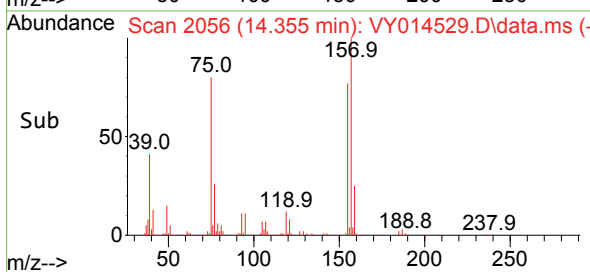
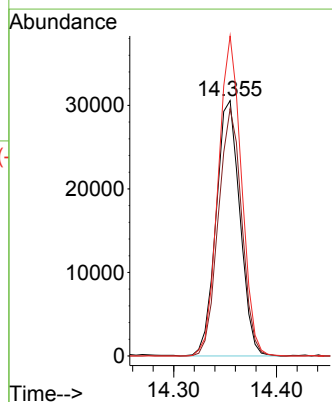
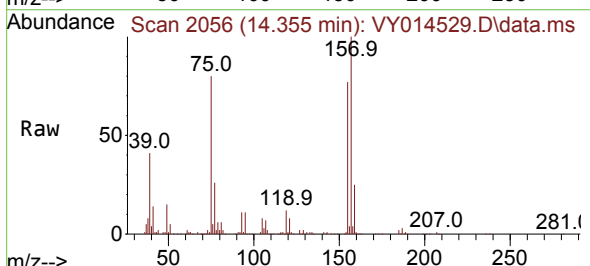
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

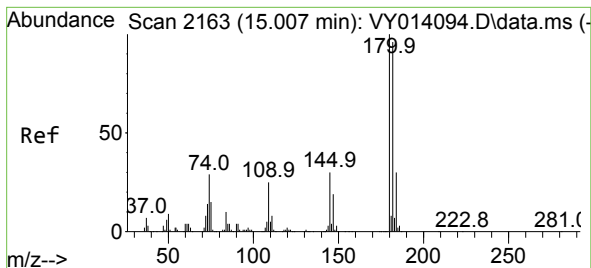
Tgt Ion:146 Resp: 507459
 Ion Ratio Lower Upper
 146 100
 111 37.9 19.7 59.0
 148 63.9 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.667 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.000 min
 Lab File: VY014529.D
 Acq: 30 Jun 2023 20:37

Tgt Ion: 75 Resp: 49150
 Ion Ratio Lower Upper
 75 100
 155 95.1 41.5 124.6
 157 122.0 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 51.263 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY014529.D

Acq: 30 Jun 2023 20:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

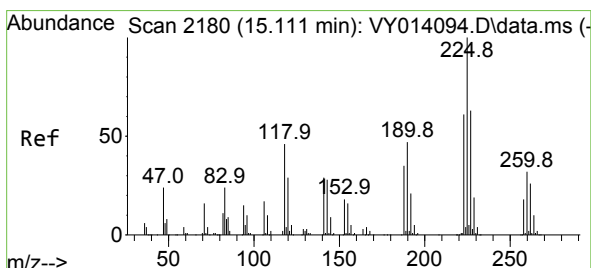
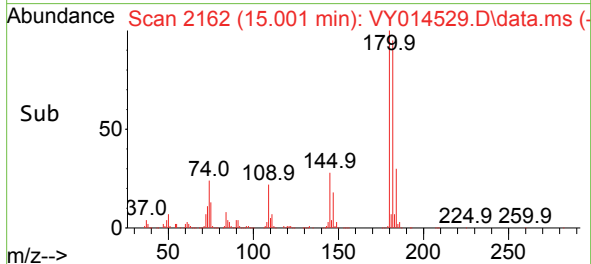
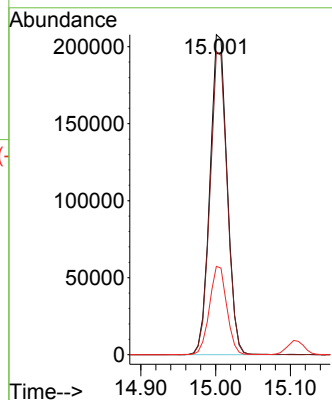
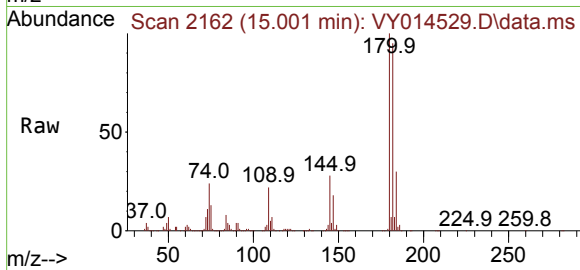
Tgt Ion:180 Resp: 330698

Ion Ratio Lower Upper

180 100

182 94.8 47.0 141.2

145 27.8 14.5 43.5



#94

Hexachlorobutadiene

Concen: 48.380 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014529.D

Acq: 30 Jun 2023 20:37

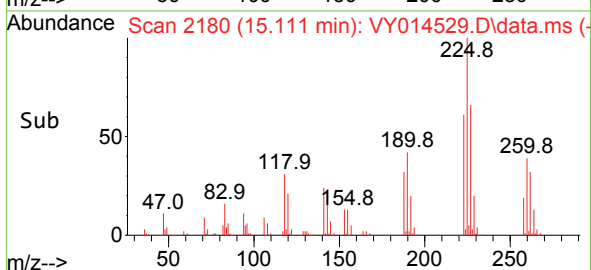
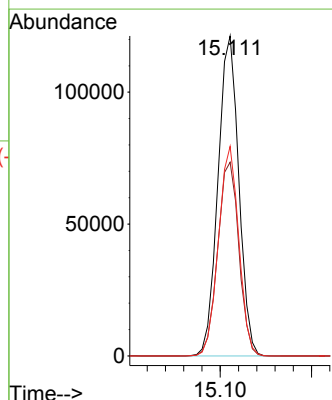
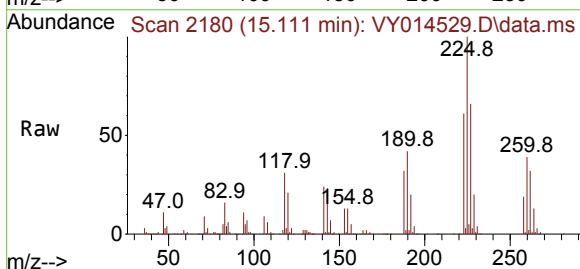
Tgt Ion:225 Resp: 191818

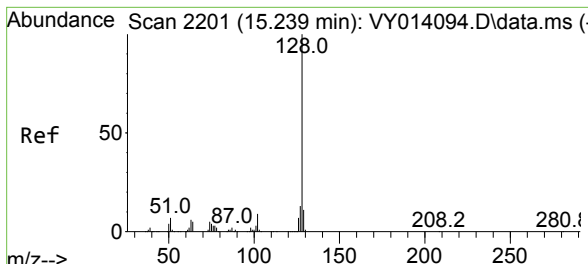
Ion Ratio Lower Upper

225 100

223 61.6 31.9 95.9

227 64.0 33.0 98.9

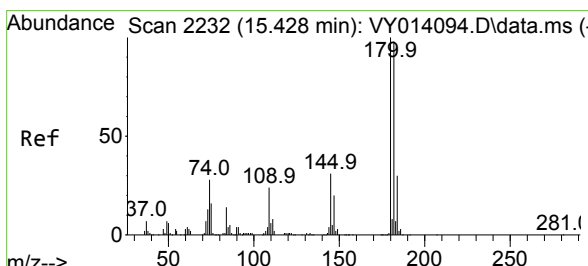
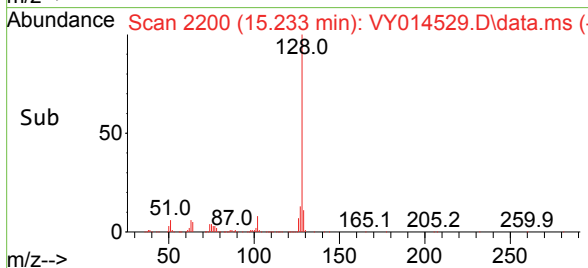
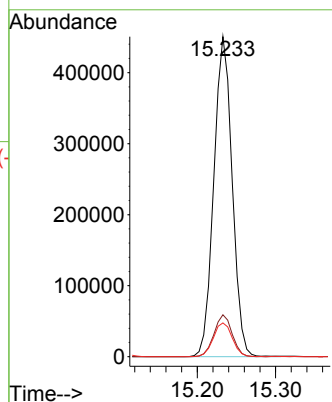
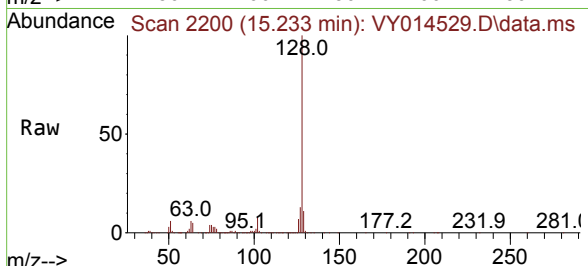




#95
Naphthalene
Concen: 53.522 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 734586
Ion Ratio Lower Upper
128 100
127 12.9 10.8 16.2
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 51.312 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY014529.D
Acq: 30 Jun 2023 20:37

Tgt Ion:180 Resp: 301601
Ion Ratio Lower Upper
180 100
182 95.6 47.3 141.8
145 29.7 15.4 46.2

