

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070523\
 Data File : VY014574.D
 Acq On : 05 Jul 2023 21:28
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 06 01:39:26 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	7.783	168	293096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	408695	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	380324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	226892	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	128283	43.998	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.000%
35) Dibromofluoromethane	7.716	113	128390	51.014	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.020%
50) Toluene-d8	10.179	98	495810	49.835	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.660%
62) 4-Bromofluorobenzene	12.477	95	173094	50.103	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.200%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	100282	47.540	ug/l	98
3) Chloromethane	2.107	50	176927	52.122	ug/l	97
4) Vinyl Chloride	2.247	62	211926	54.164	ug/l	99
5) Bromomethane	2.637	94	172739	56.936	ug/l	98
6) Chloroethane	2.784	64	139690	55.448	ug/l	98
7) Trichlorofluoromethane	3.113	101	242237	50.976	ug/l	99
8) Diethyl Ether	3.527	74	94241	52.377	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.887	101	136355	48.051	ug/l	95
10) Methyl Iodide	4.082	142	146239	45.160	ug/l	91
11) Tert butyl alcohol	4.948	59	112356	220.094	ug/l #	85
12) 1,1-Dichloroethene	3.863	96	132001	48.016	ug/l	85
13) Acrolein	3.722	56	71020	183.512	ug/l	98
14) Allyl chloride	4.472	41	177100	42.741	ug/l #	87
15) Acrylonitrile	5.155	53	206625	200.041	ug/l	98
16) Acetone	3.942	43	179763	197.425	ug/l #	86
17) Carbon Disulfide	4.186	76	380544	45.424	ug/l	97
18) Methyl Acetate	4.472	43	189989	45.837	ug/l #	89
19) Methyl tert-butyl Ether	5.216	73	352252	44.583	ug/l	100
20) Methylene Chloride	4.710	84	169057	51.588	ug/l #	84
21) trans-1,2-Dichloroethene	5.210	96	138032	44.358	ug/l	89
22) Diisopropyl ether	6.112	45	369763	43.308	ug/l #	88
23) Vinyl Acetate	6.051	43	1047780	212.112	ug/l #	90
24) 1,1-Dichloroethane	6.009	63	233608	43.584	ug/l	97
25) 2-Butanone	6.978	43	278957	206.908	ug/l	92
26) 2,2-Dichloropropane	6.978	77	174110	38.110	ug/l	94
27) cis-1,2-Dichloroethene	6.978	96	164782	46.682	ug/l	87
28) Bromochloromethane	7.325	49	101154	44.944	ug/l #	72
29) Tetrahydrofuran	7.344	42	193741	222.786	ug/l #	86
30) Chloroform	7.502	83	291136	52.070	ug/l	99
31) Cyclohexane	7.783	56	171162	37.418	ug/l #	86
32) 1,1,1-Trichloroethane	7.697	97	214310	44.842	ug/l	96
36) 1,1-Dichloropropene	7.917	75	182858	47.444	ug/l	97
37) Ethyl Acetate	7.069	43	115736	43.787	ug/l #	91
38) Carbon Tetrachloride	7.899	117	198824	49.417	ug/l	97
39) Methylcyclohexane	9.179	83	208707	45.303	ug/l	92
40) Benzene	8.155	78	528148	45.270	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	167712	129.879	ug/l #	17
42) 1,2-Dichloroethane	8.234	62	167637	48.886	ug/l	93
43) Isopropyl Acetate	8.270	43	210030	46.889	ug/l #	90
44) Trichloroethene	8.935	130	164084	50.448	ug/l	93
45) 1,2-Dichloropropane	9.215	63	130193	43.500	ug/l	99
46) Dibromomethane	9.301	93	85448	46.896	ug/l #	88
47) Bromodichloromethane	9.496	83	185883	46.301	ug/l	94
48) Methyl methacrylate	9.289	41	87742	43.075	ug/l #	80
49) 1,4-Dioxane	9.295	88	29334	901.579	ug/l #	58
51) 4-Methyl-2-Pentanone	10.069	43	620064	233.820	ug/l	88
52) Toluene	10.240	92	350132	47.690	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	214326	49.923	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	224536	46.876	ug/l #	84
55) 1,1,2-Trichloroethane	10.642	97	124787	47.067	ug/l	96
56) Ethyl methacrylate	10.508	69	173424	48.086	ug/l #	80
57) 1,3-Dichloropropane	10.788	76	196828	45.563	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	470571	269.331	ug/l	91
59) 2-Hexanone	10.831	43	550336	287.289	ug/l	87
60) Dibromochloromethane	10.983	129	169114	54.436	ug/l	99
61) 1,2-Dibromoethane	11.087	107	135349	52.291	ug/l	100
64) Tetrachloroethene	10.715	164	173277	50.966	ug/l	96
65) Chlorobenzene	11.514	112	383820	47.356	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	154083	50.018	ug/l	99
67) Ethyl Benzene	11.593	91	632390	45.754	ug/l	95
68) m/p-Xylenes	11.703	106	513138	93.595	ug/l	92
69) o-Xylene	12.026	106	256845	49.393	ug/l	94
70) Styrene	12.044	104	441301	49.327	ug/l	96
71) Bromoform	12.203	173	133112	56.877	ug/l	100
73) Isopropylbenzene	12.325	105	724008	48.723	ug/l	99
74) N-amyl acetate	12.142	43	222450	49.601	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	159078	41.716	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	201353	75.626	ug/l #	100
77) Bromobenzene	12.605	156	187642	46.233	ug/l	87
78) n-propylbenzene	12.672	91	795685	43.896	ug/l	97
79) 2-Chlorotoluene	12.751	91	449567	43.096	ug/l	93
80) 1,3,5-Trimethylbenzene	12.812	105	565170	44.927	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.373	75	53723	39.274	ug/l #	86
82) 4-Chlorotoluene	12.855	91	465221	42.569	ug/l	94
83) tert-Butylbenzene	13.074	119	500869	45.304	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	625691	49.844	ug/l	98
85) sec-Butylbenzene	13.251	105	741094	45.426	ug/l	98
86) p-Isopropyltoluene	13.367	119	626120	45.604	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	359942	45.358	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	369326	46.440	ug/l	99
89) n-Butylbenzene	13.696	91	527370	41.564	ug/l	96
90) Hexachloroethane	13.958	117	119636	43.990	ug/l	79
91) 1,2-Dichlorobenzene	13.739	146	325359	45.264	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	28636	41.017	ug/l	70
93) 1,2,4-Trichlorobenzene	15.001	180	221438	47.696	ug/l	98
94) Hexachlorobutadiene	15.111	225	138897	48.677	ug/l	100
95) Naphthalene	15.233	128	463437	46.918	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	198742	46.981	ug/l	98

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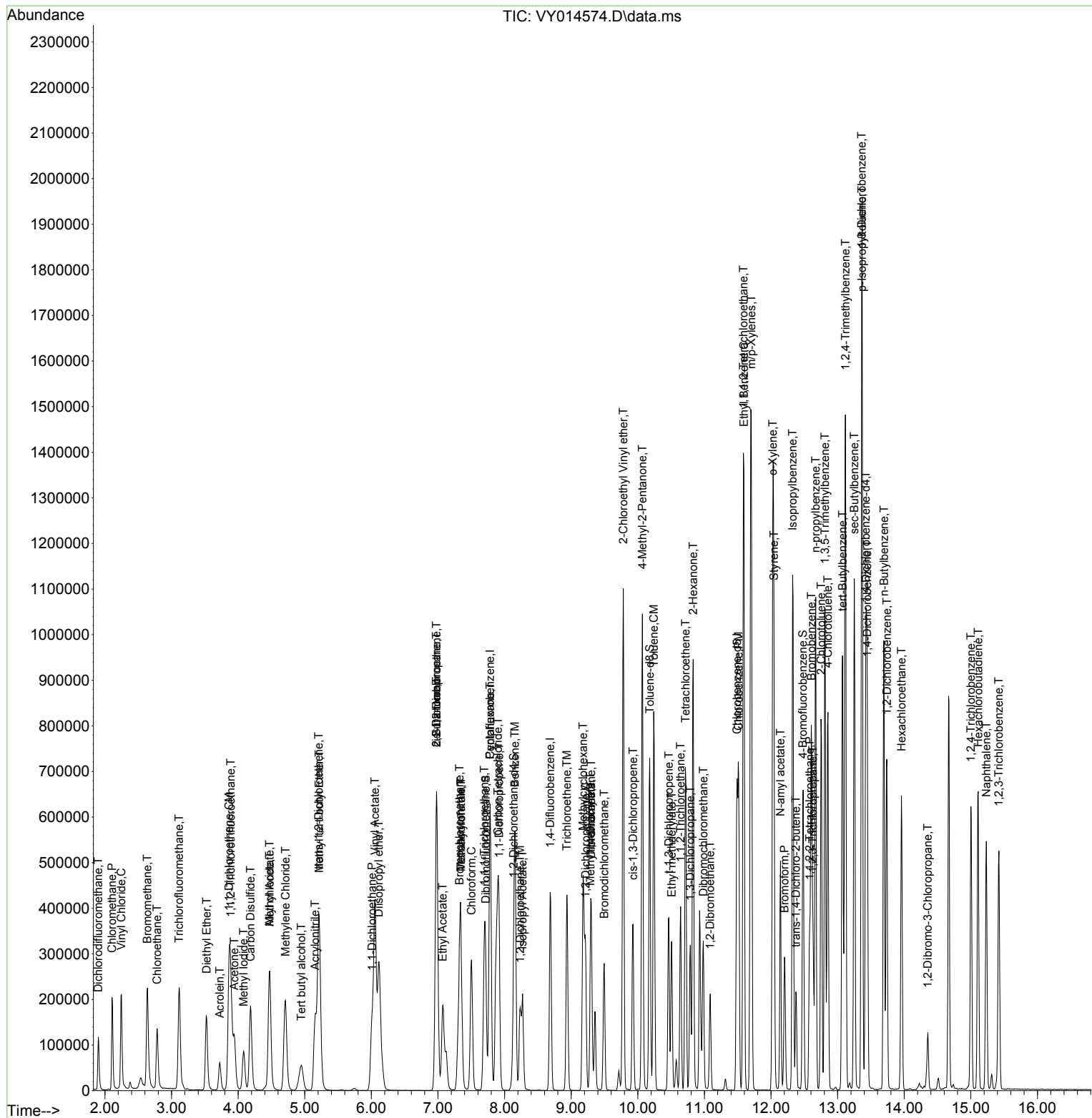
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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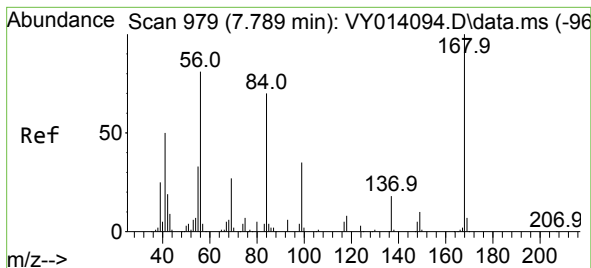
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY014574.D

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Instrument :

MSVOA_Y

ClientSampleId :

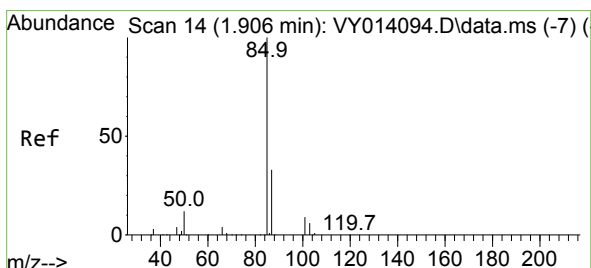
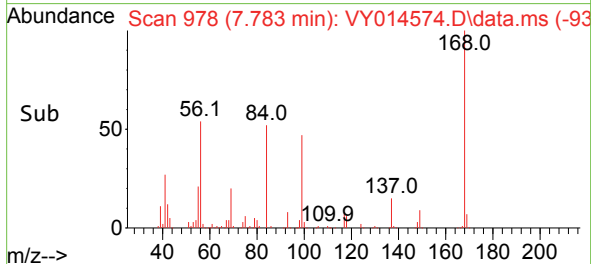
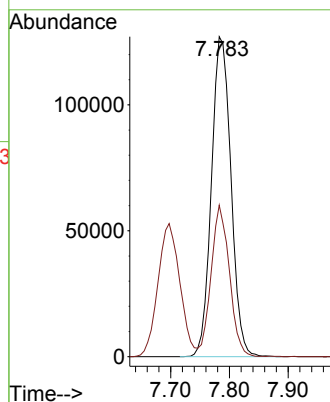
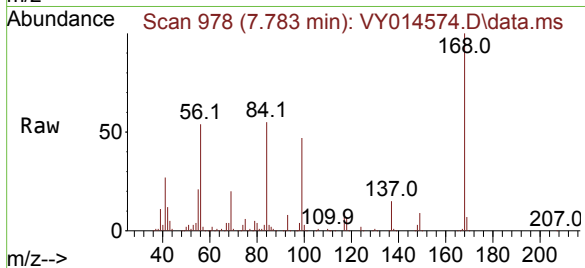
VSTDCCC050EC

Tgt Ion:168 Resp: 293096

Ion Ratio Lower Upper

168 100

99 47.3 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 47.540 ug/l

RT: 1.900 min Scan# 13

Delta R.T. -0.006 min

Lab File: VY014574.D

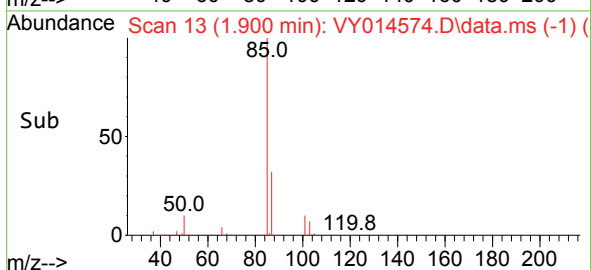
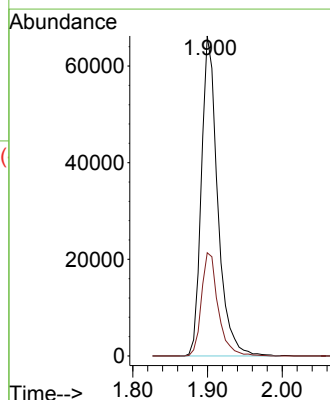
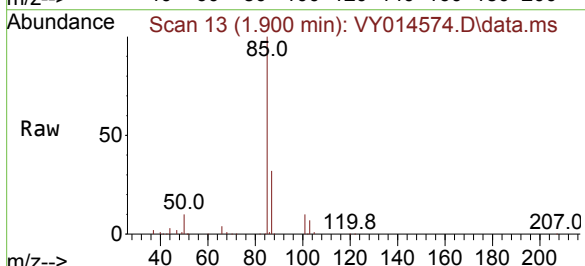
Acq: 05 Jul 2023 21:28

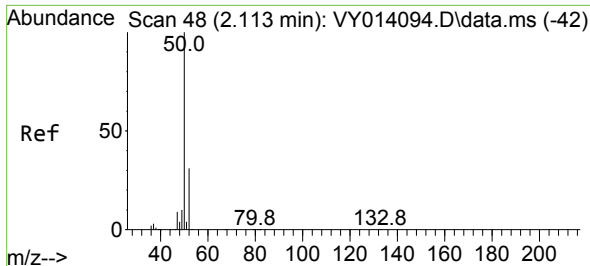
Tgt Ion: 85 Resp: 100282

Ion Ratio Lower Upper

85 100

87 32.2 15.6 46.8

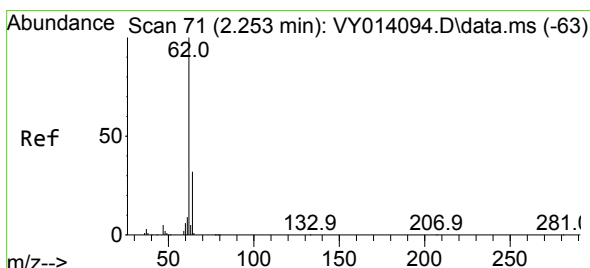
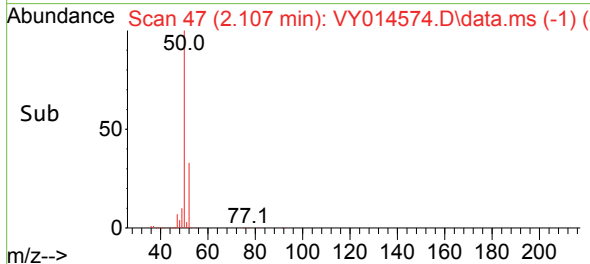
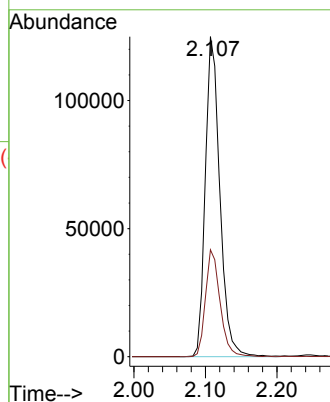
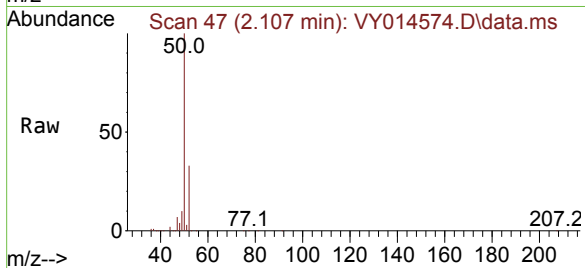




#3
Chloromethane
Concen: 52.122 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY014574.D
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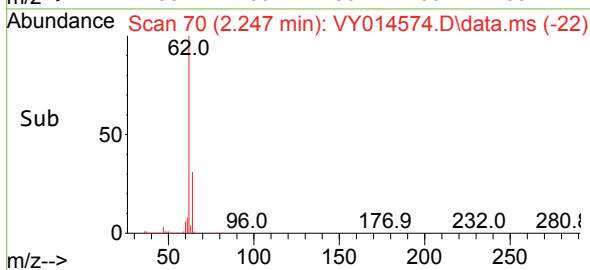
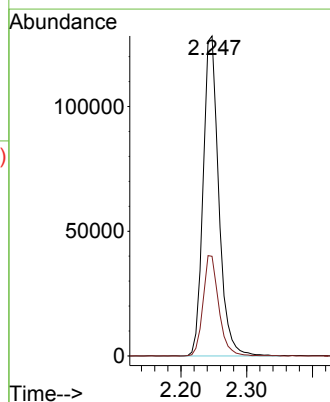
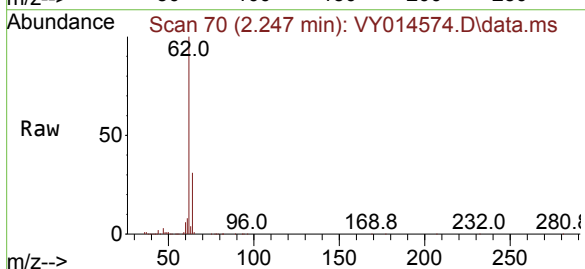
Instrument :
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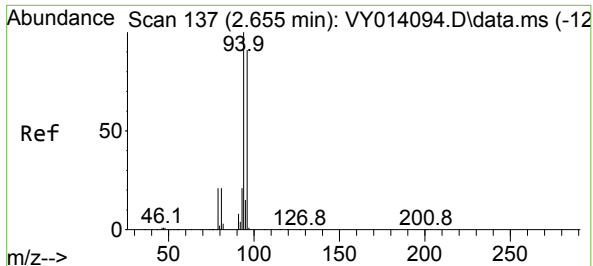
Tgt Ion: 50 Resp: 176927
Ion Ratio Lower Upper
50 100
52 33.4 25.4 38.2



#4
Vinyl Chloride
Concen: 54.164 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY014574.D
Acq: 05 Jul 2023 21:28

Tgt Ion: 62 Resp: 211926
Ion Ratio Lower Upper
62 100
64 31.2 24.3 36.5

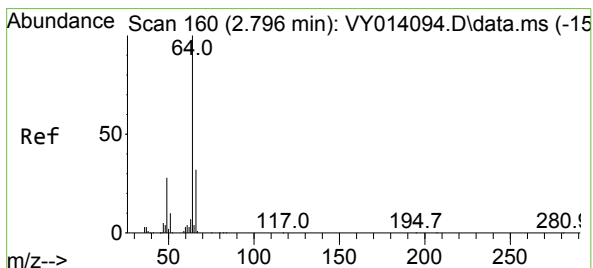
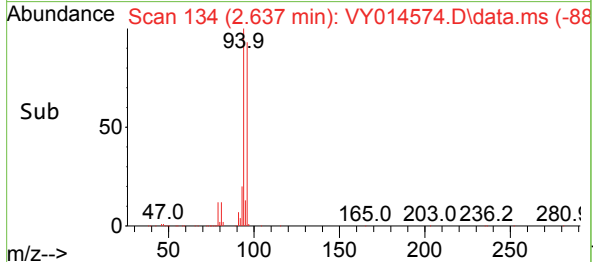
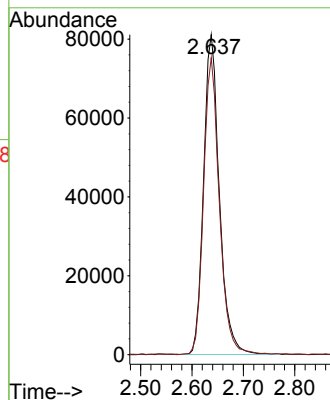
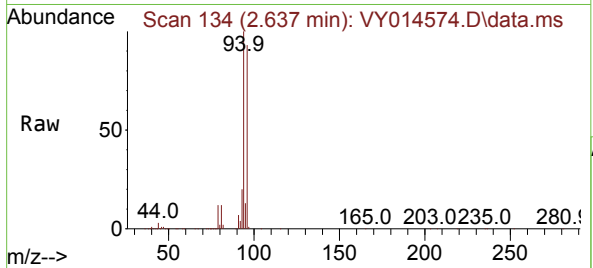




#5
Bromomethane
Concen: 56.936 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY014574.D
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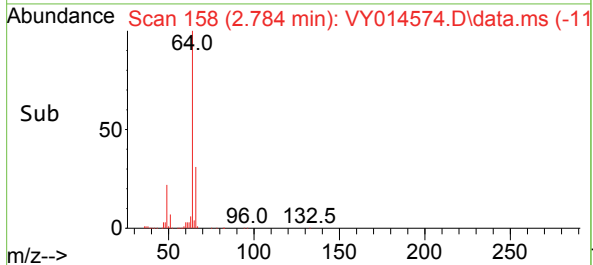
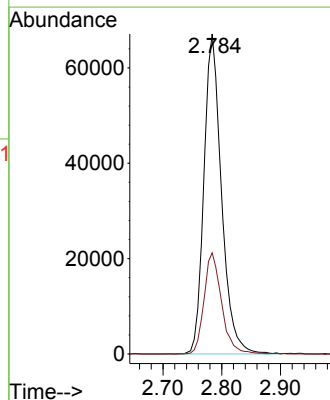
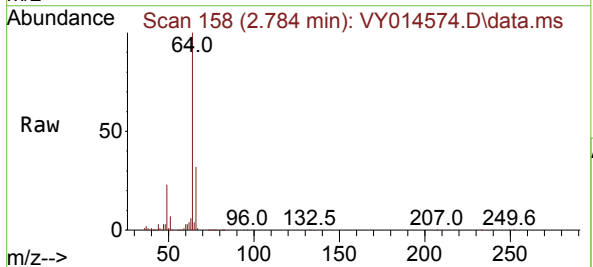
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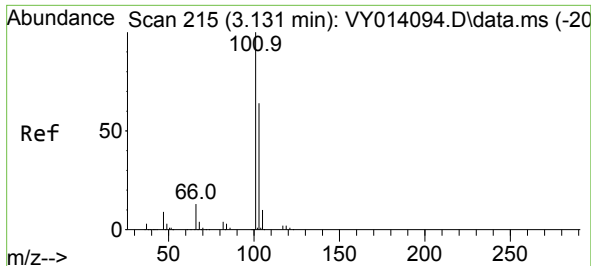
Tgt Ion: 94 Resp: 172739
Ion Ratio Lower Upper
94 100
96 92.8 75.8 113.6



#6
Chloroethane
Concen: 55.448 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.012 min
Lab File: VY014574.D
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Tgt Ion: 64 Resp: 139690
Ion Ratio Lower Upper
64 100
66 31.5 24.4 36.6

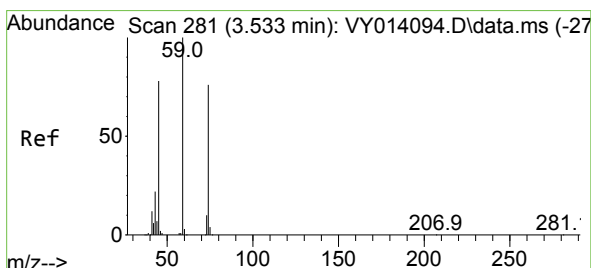
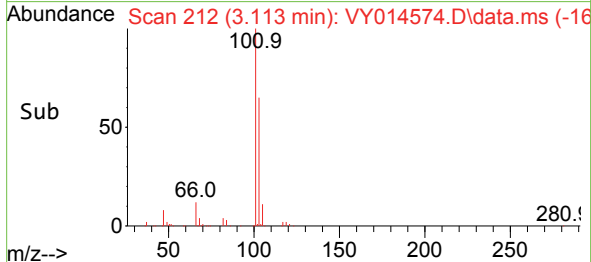
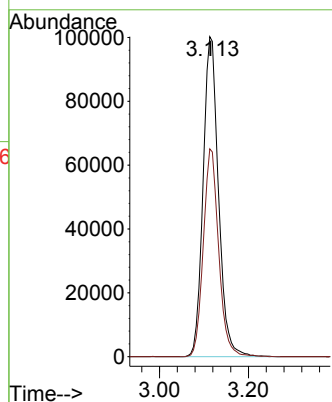
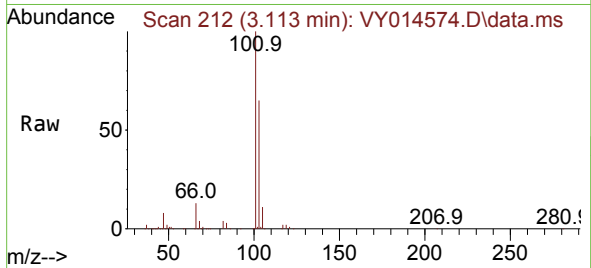




#7
Trichlorofluoromethane
Concen: 50.976 ug/l
RT: 3.113 min Scan# 215
Delta R.T. -0.018 min
Lab File: VY014574.D
Acq: 05 Jul 2023 21:28

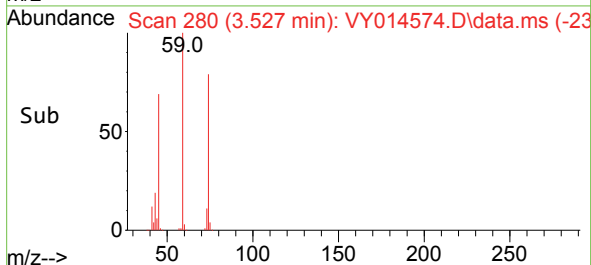
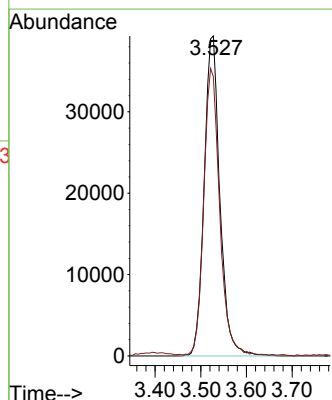
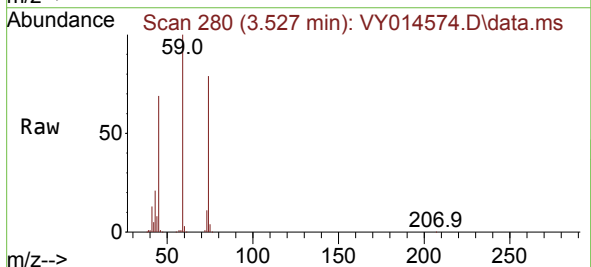
Instrument :
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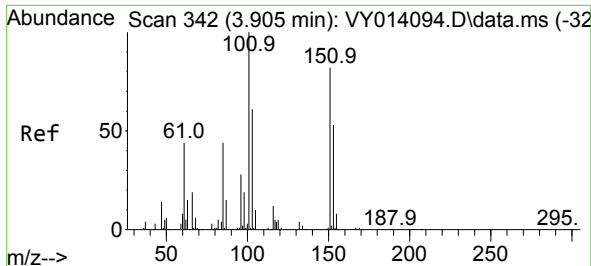
Tgt Ion:101 Resp: 242237
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.0



#8
Diethyl Ether
Concen: 52.377 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.006 min
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Acq: 05 Jul 2023 21:28

Tgt Ion: 74 Resp: 94241
Ion Ratio Lower Upper
74 100
45 90.2 51.5 154.5

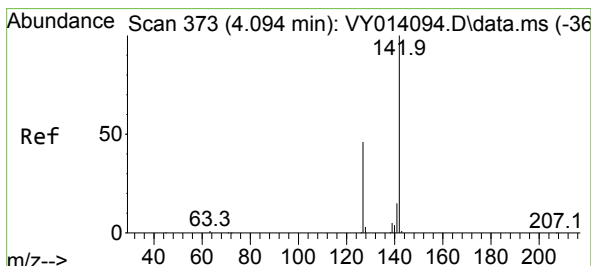
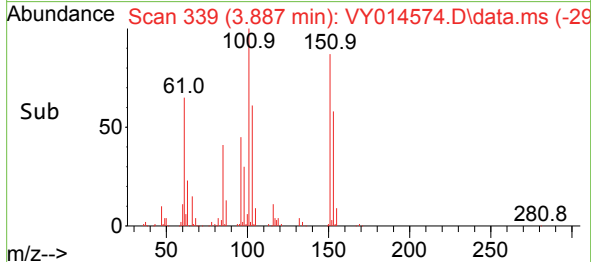
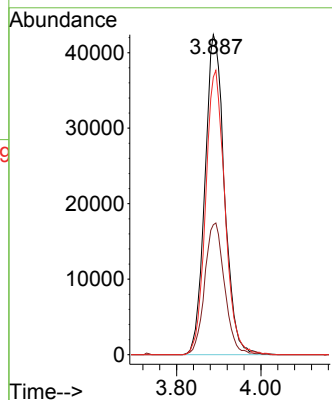
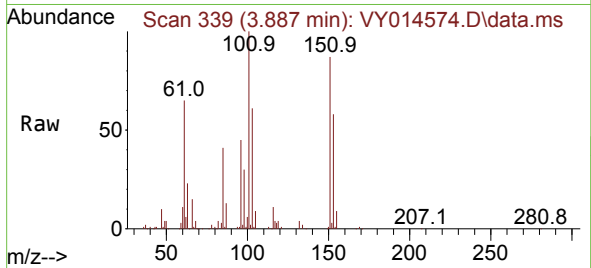




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.051 ug/l
RT: 3.887 min Scan# 311
Delta R.T. -0.018 min
Lab File: VY014574.D
Acq: 05 Jul 2023 21:28

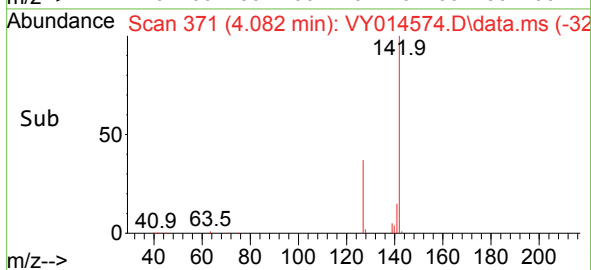
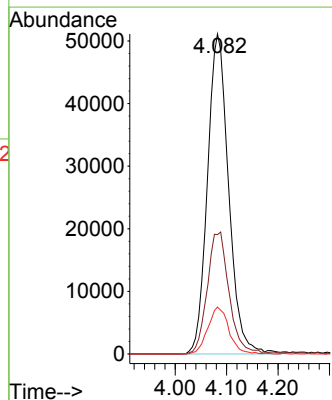
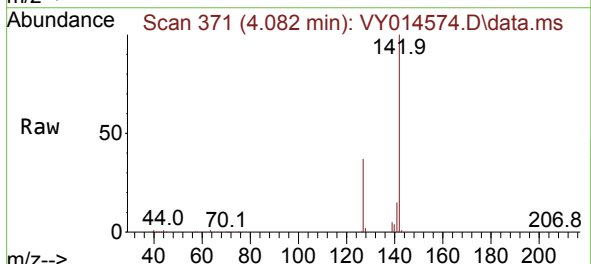
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

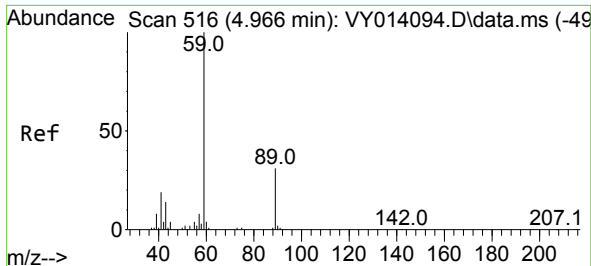
Tgt Ion:101 Resp: 136355
Ion Ratio Lower Upper
101 100
85 42.0 36.6 55.0
151 88.0 67.0 100.6



#10
Methyl Iodide
Concen: 45.160 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.012 min
Lab File: VY014574.D
Acq: 05 Jul 2023 21:28

Tgt Ion:142 Resp: 146239
Ion Ratio Lower Upper
142 100
127 39.5 37.6 56.4
141 14.6 11.8 17.8





#11

Tert butyl alcohol

Concen: 220.094 ug/l

RT: 4.948 min Scan# 516

Delta R.T. -0.018 min

Lab File: VY014574.D

Acq: 05 Jul 2023 21:28

Instrument :

MSVOA_Y

ClientSampleId :

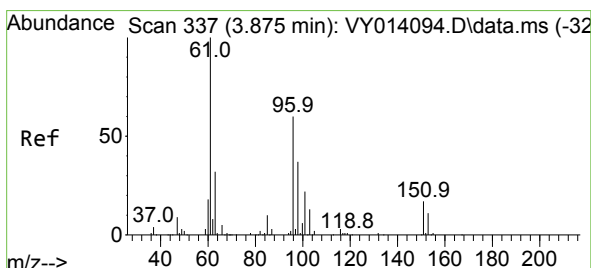
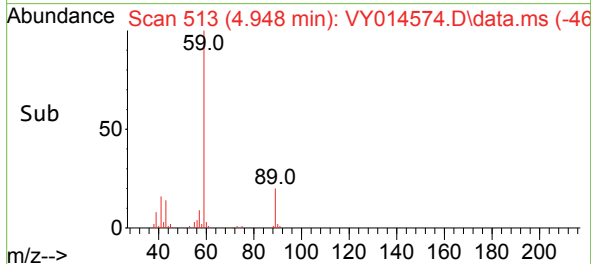
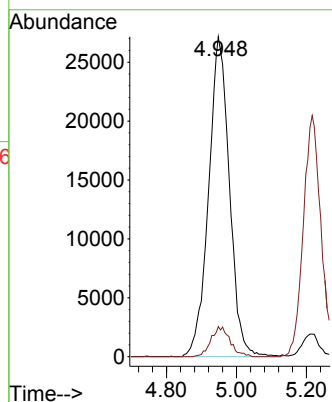
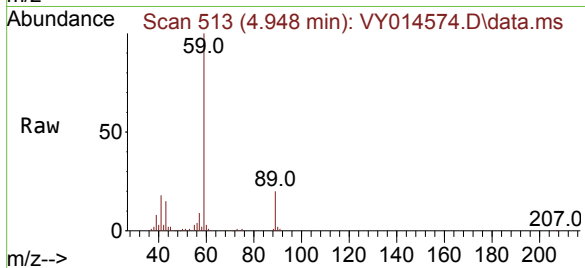
VSTDCCC050EC

Tgt Ion: 59 Resp: 112356

Ion Ratio Lower Upper

59 100

57 8.6 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 48.016 ug/l

RT: 3.863 min Scan# 335

Delta R.T. -0.012 min

Lab File: VY014574.D

Acq: 05 Jul 2023 21:28

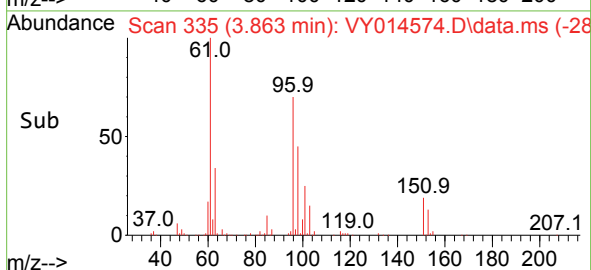
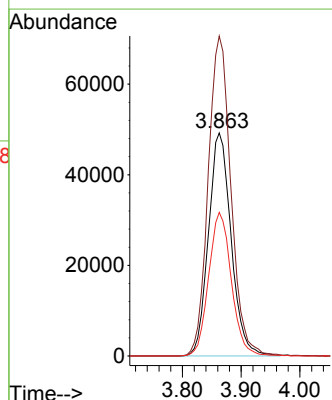
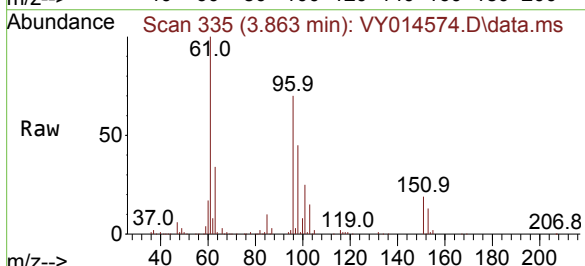
Tgt Ion: 96 Resp: 132001

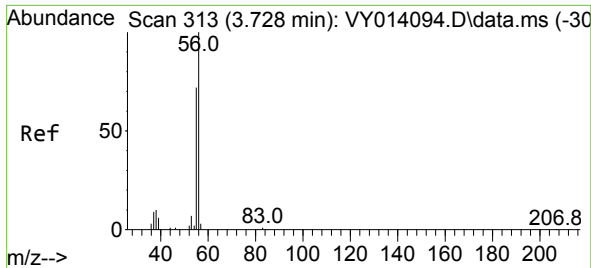
Ion Ratio Lower Upper

96 100

61 143.5 136.4 204.6

98 64.4 49.4 74.2

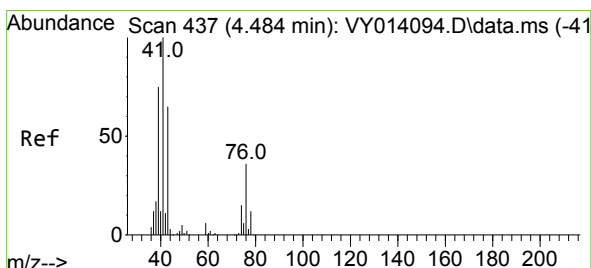
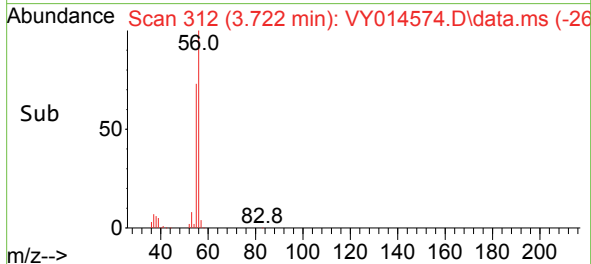
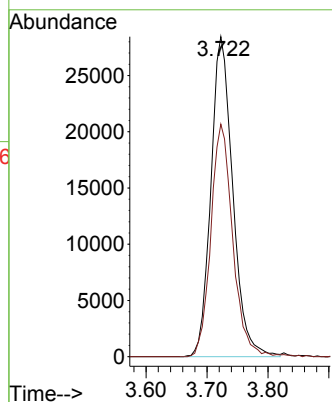
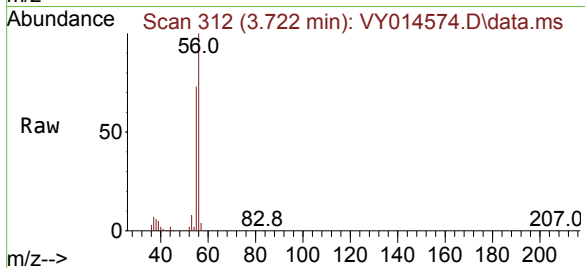




#13
Acrolein
Concen: 183.512 ug/l
RT: 3.722 min Scan# 313
Delta R.T. -0.006 min
Lab File: VY014574.D
Acq: 05 Jul 2023 21:28

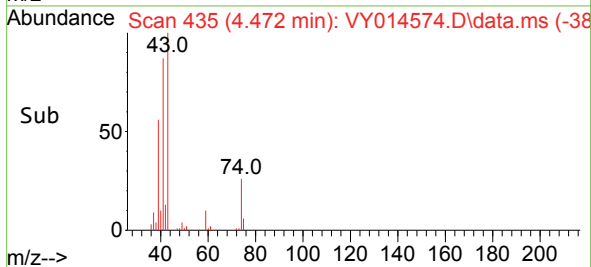
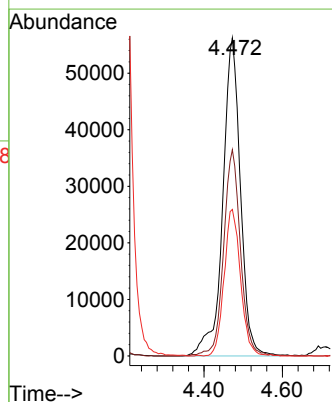
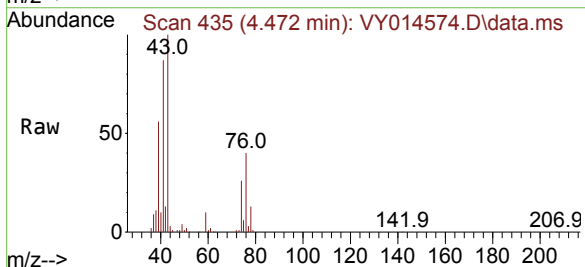
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

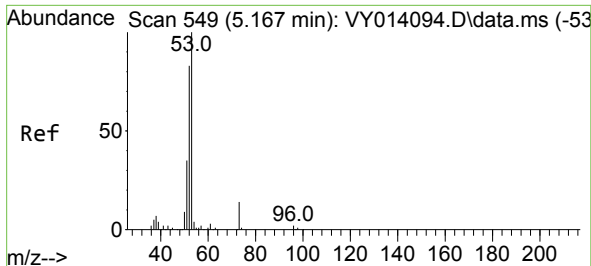
Tgt Ion: 56 Resp: 71020
Ion Ratio Lower Upper
56 100
55 72.8 57.0 85.4



#14
Allyl chloride
Concen: 42.741 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.012 min
Lab File: VY014574.D
Acq: 05 Jul 2023 21:28

Tgt Ion: 41 Resp: 177100
Ion Ratio Lower Upper
41 100
39 61.8 58.0 87.0
76 42.9 27.4 41.2#

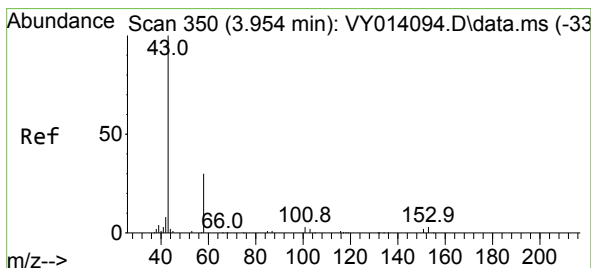
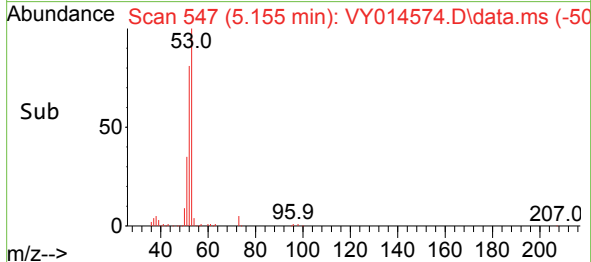
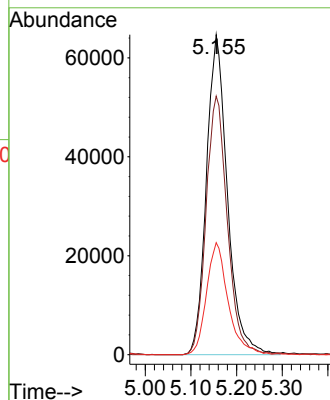
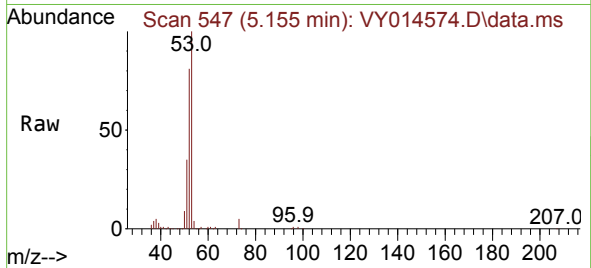




#15
Acrylonitrile
Concen: 200.041 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY014574.D
Acq: 05 Jul 2023 21:28

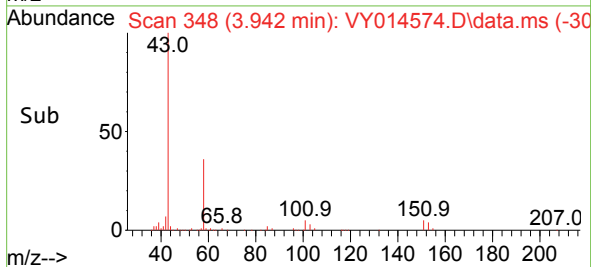
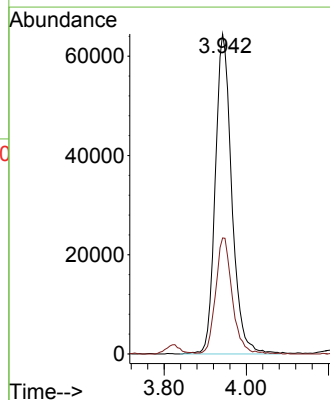
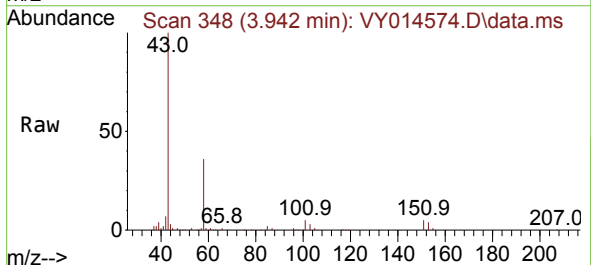
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

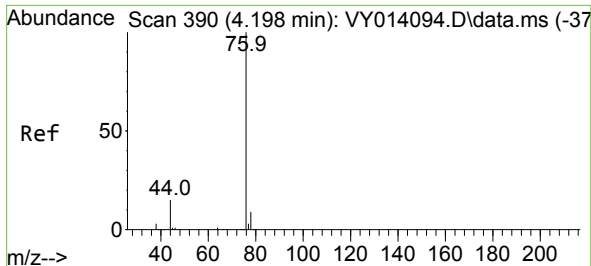
Tgt Ion: 53 Resp: 206625
Ion Ratio Lower Upper
53 100
52 81.7 66.9 100.3
51 36.0 29.8 44.6



#16
Acetone
Concen: 197.425 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY014574.D
Acq: 05 Jul 2023 21:28

Tgt Ion: 43 Resp: 179763
Ion Ratio Lower Upper
43 100
58 36.0 22.7 34.1#

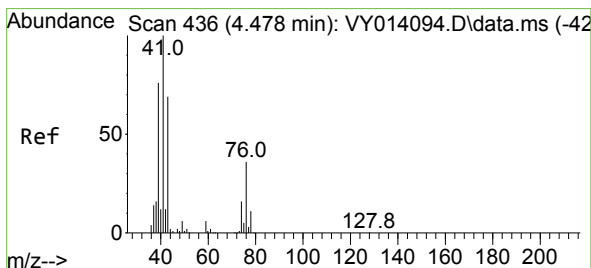
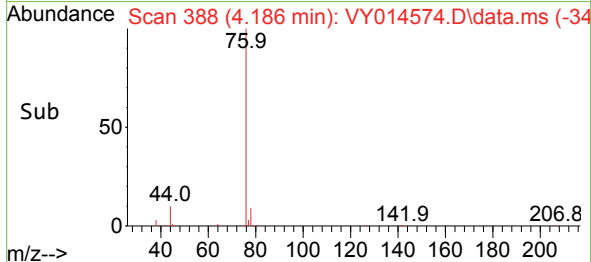
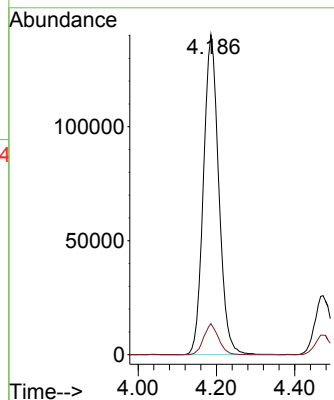
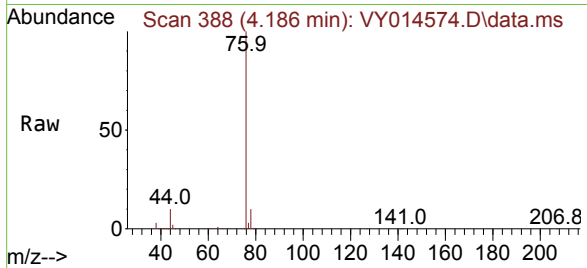




#17
Carbon Disulfide
Concen: 45.424 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.012 min
Lab File: VY014574.D
Acq: 05 Jul 2023 21:28

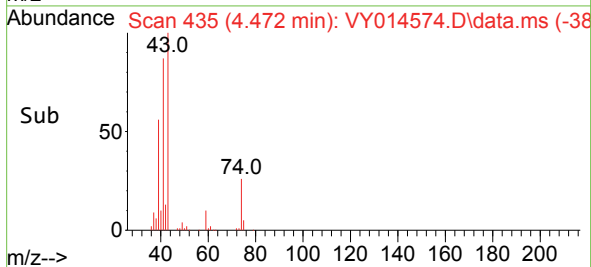
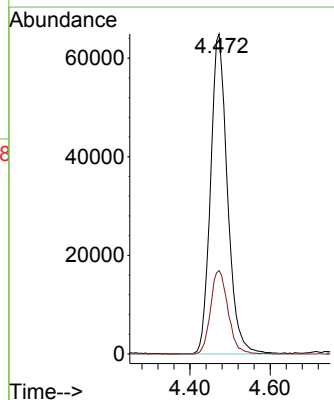
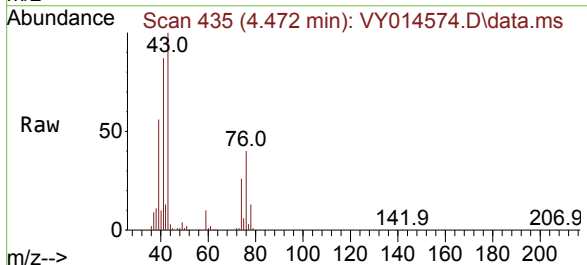
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

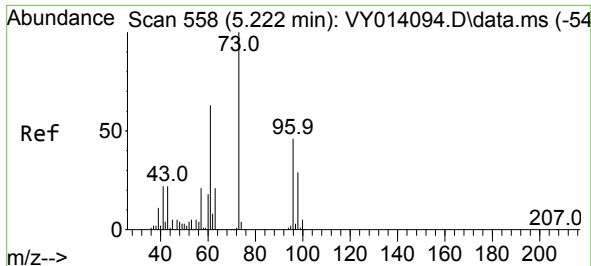
Tgt Ion: 76 Resp: 380544
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.4



#18
Methyl Acetate
Concen: 45.837 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY014574.D
Acq: 05 Jul 2023 21:28

Tgt Ion: 43 Resp: 189989
Ion Ratio Lower Upper
43 100
74 26.8 17.4 26.0#

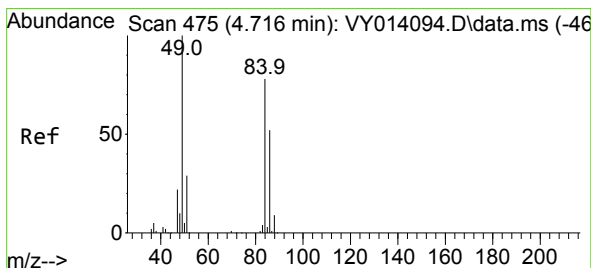
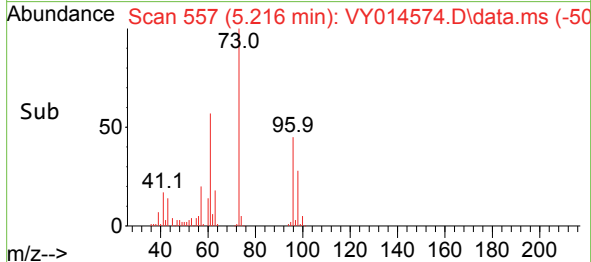
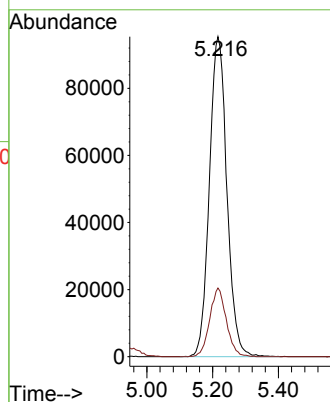
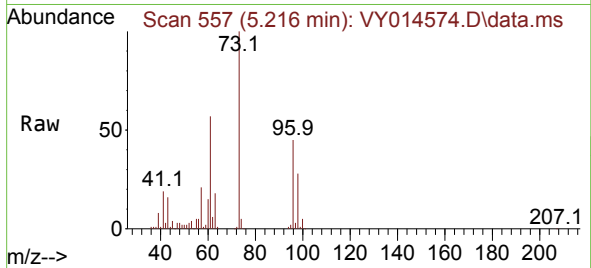




#19
Methyl tert-butyl Ether
Concen: 44.583 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014574.D
Acq: 05 Jul 2023 21:28

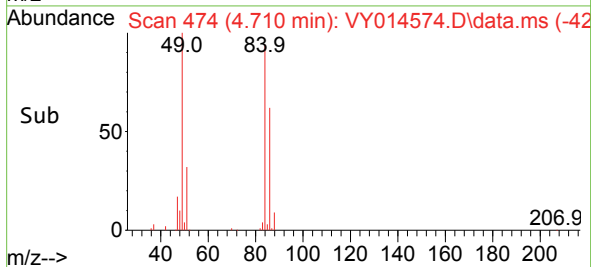
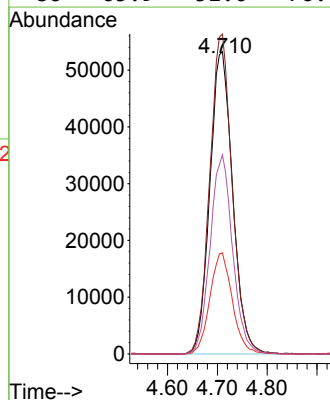
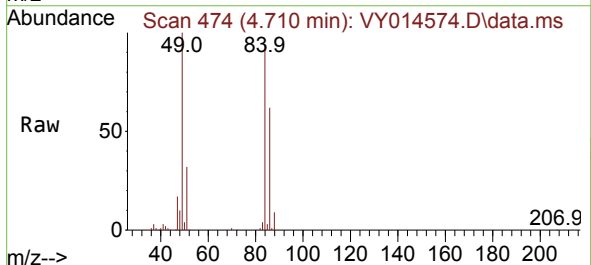
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

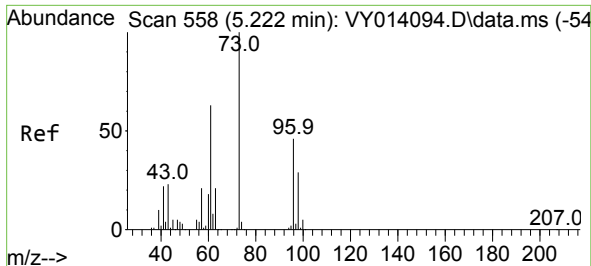
Tgt Ion: 73 Resp: 352252
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9



#20
Methylene Chloride
Concen: 51.588 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY014574.D
Acq: 05 Jul 2023 21:28

Tgt Ion: 84 Resp: 169057
Ion Ratio Lower Upper
84 100
49 105.9 106.9 160.3#
51 33.4 33.2 49.8
86 65.9 51.0 76.6

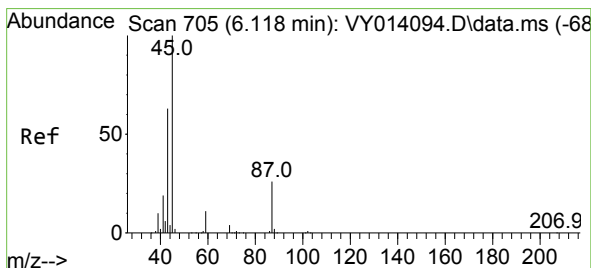
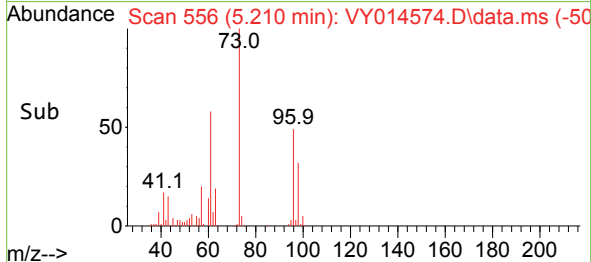
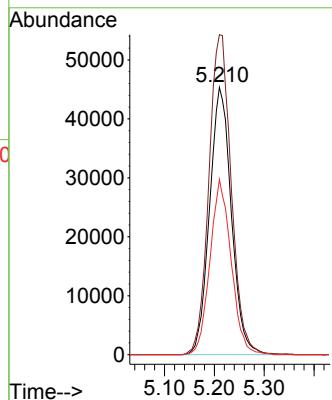
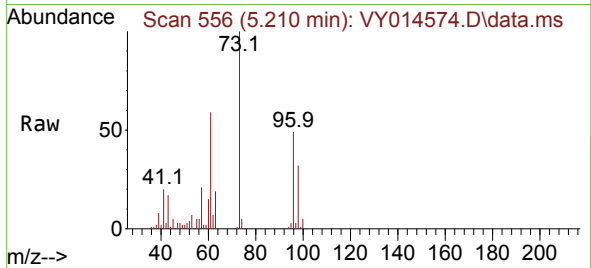




#21
trans-1,2-Dichloroethene
Concen: 44.358 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY014574.D
Acq: 05 Jul 2023 21:28

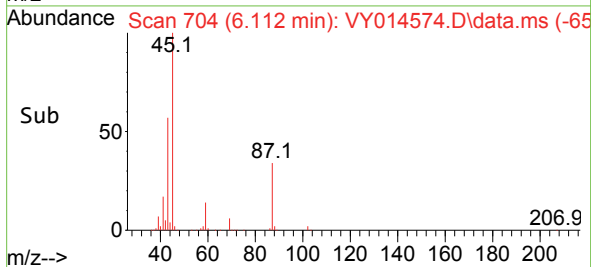
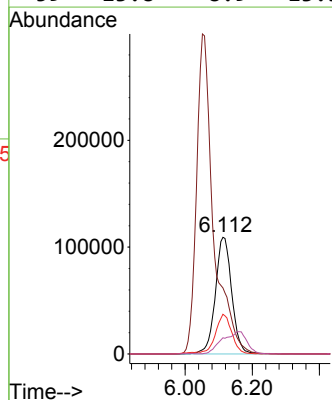
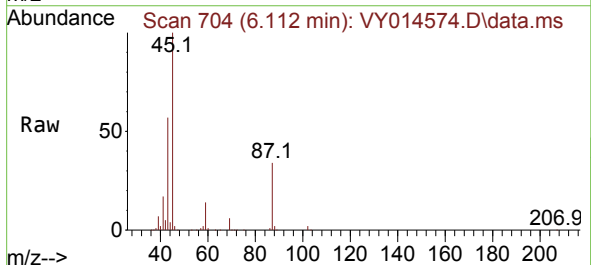
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

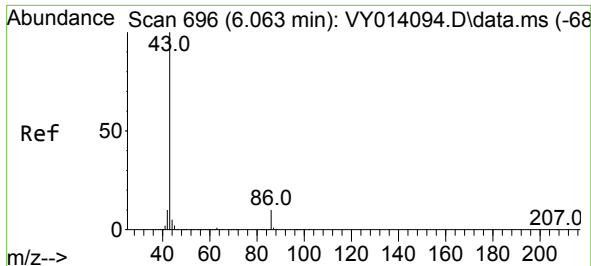
Tgt Ion: 96 Resp: 138032
Ion Ratio Lower Upper
96 100
61 119.7 110.2 165.4
98 65.5 51.8 77.6



#22
Diisopropyl ether
Concen: 43.308 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY014574.D
Acq: 05 Jul 2023 21:28

Tgt Ion: 45 Resp: 369763
Ion Ratio Lower Upper
45 100
43 56.4 52.2 78.4
87 34.0 21.0 31.6#
59 13.8 8.9 13.3#

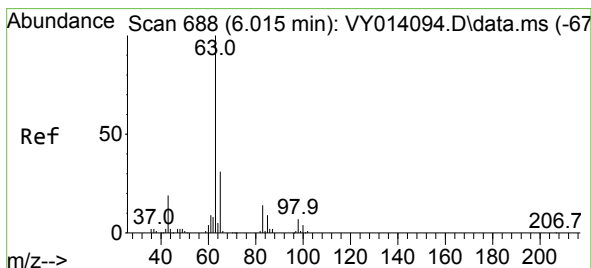
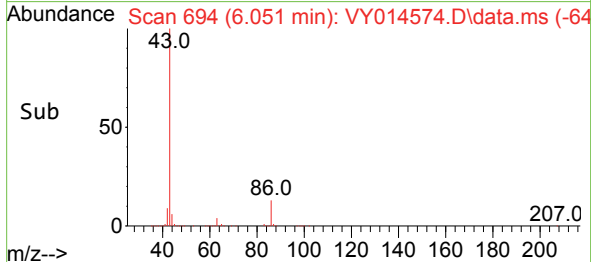
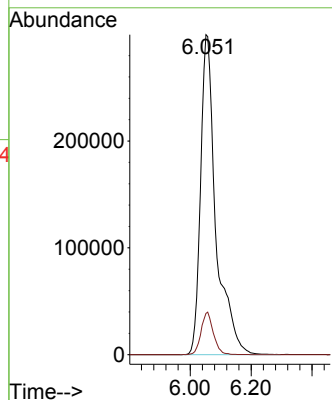
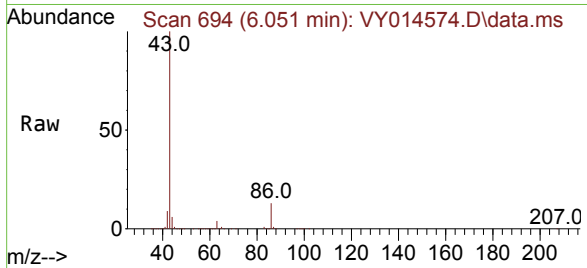




#23
 Vinyl Acetate
 Concen: 212.112 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.012 min
 Lab File: VY014574.D
 Acq: 05 Jul 2023 21:28

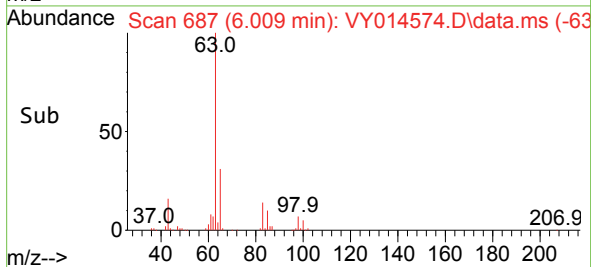
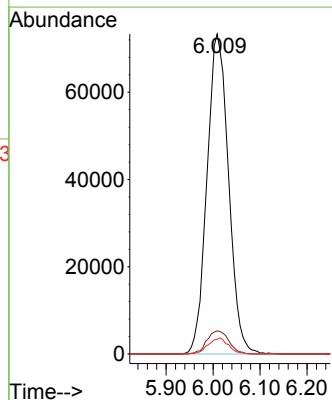
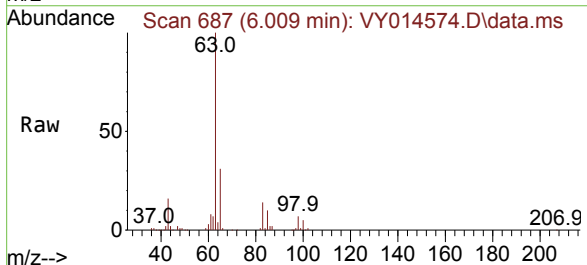
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

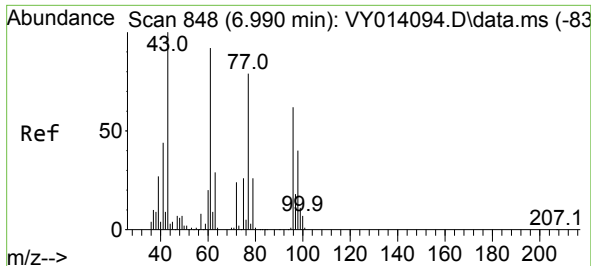
Tgt Ion: 43 Resp: 1047780
 Ion Ratio Lower Upper
 43 100
 86 12.9 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 43.584 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY014574.D
 Acq: 05 Jul 2023 21:28

Tgt Ion: 63 Resp: 233608
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.1 9.4
 100 4.6 1.8 5.5

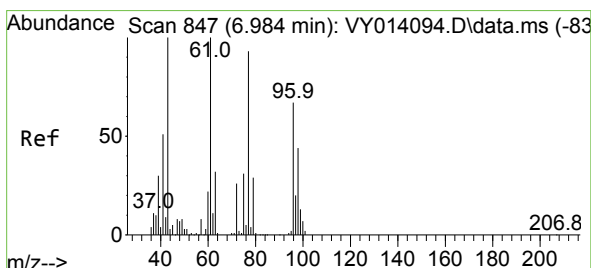
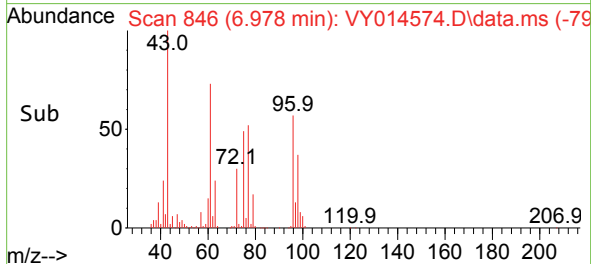
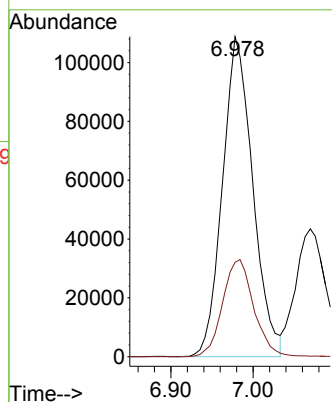
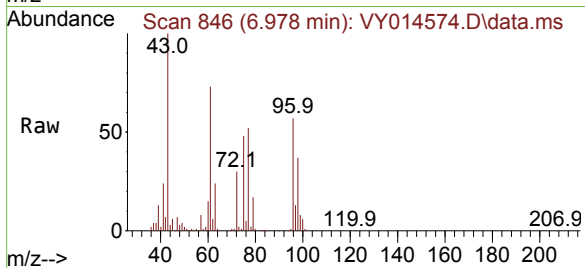




#25
2-Butanone
Concen: 206.908 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY014574.D
Acq: 05 Jul 2023 21:28

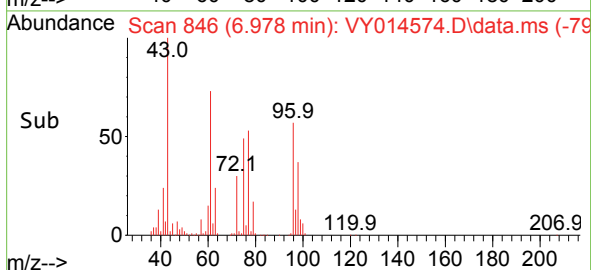
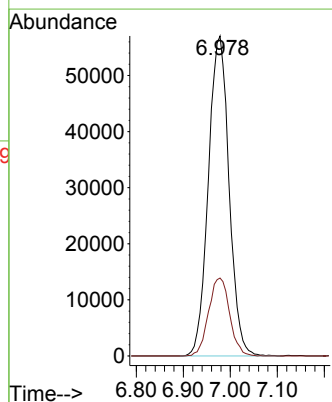
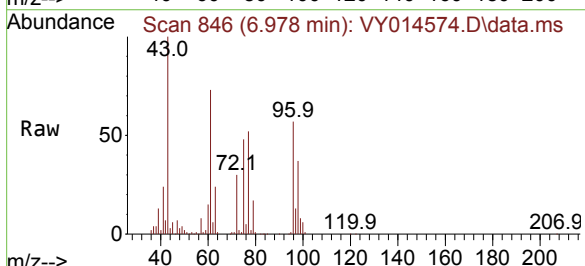
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

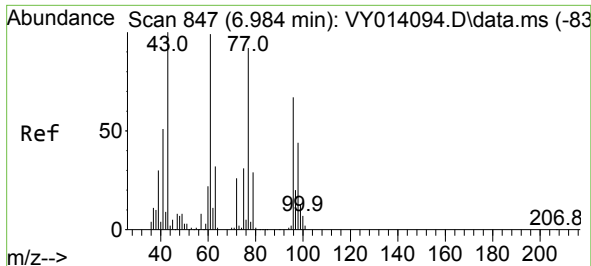
Tgt Ion: 43 Resp: 278957
Ion Ratio Lower Upper
43 100
72 29.5 20.5 30.7



#26
2,2-Dichloropropane
Concen: 38.110 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY014574.D
Acq: 05 Jul 2023 21:28

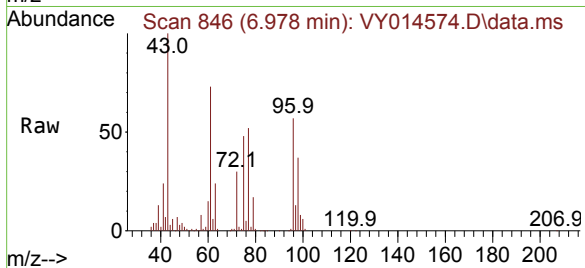
Tgt Ion: 77 Resp: 174110
Ion Ratio Lower Upper
77 100
97 24.8 10.9 32.9



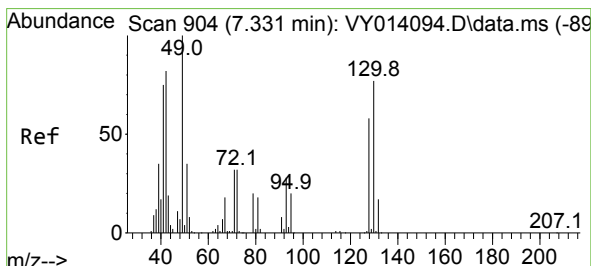
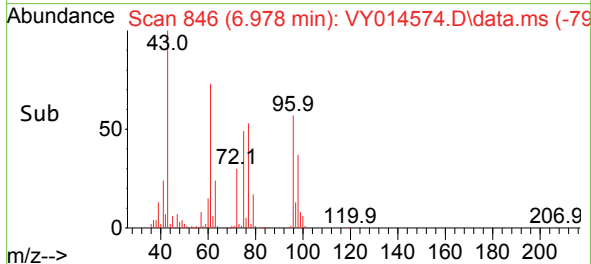
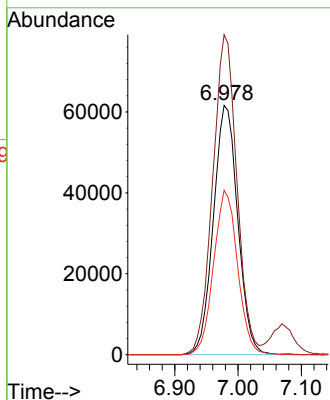


#27
 cis-1,2-Dichloroethene
 Concen: 46.682 ug/l
 RT: 6.978 min Scan# 84
 Delta R.T. -0.006 min
 Lab File: VY014574.D
 Acq: 05 Jul 2023 21:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

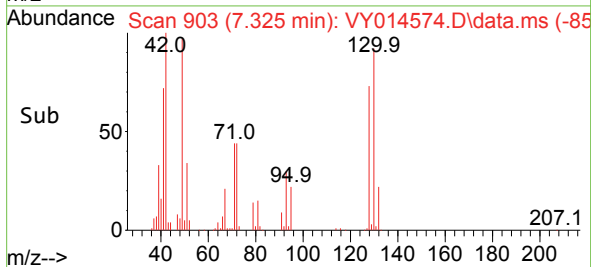
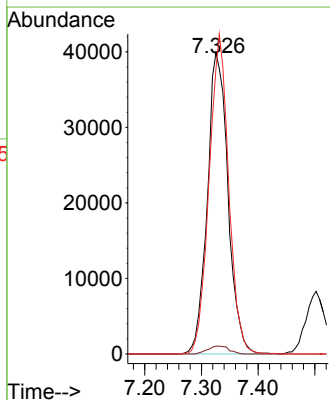
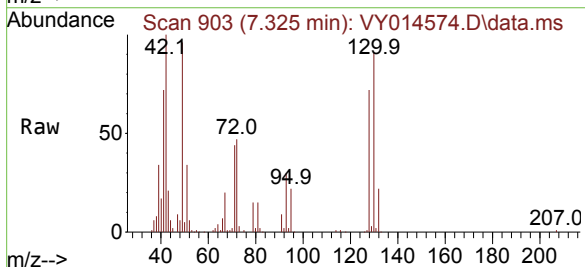


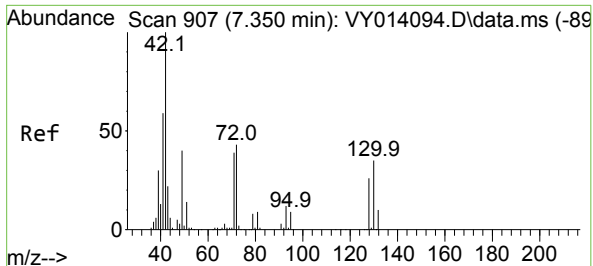
Tgt Ion: 96 Resp: 164782
 Ion Ratio Lower Upper
 96 100
 61 127.2 0.0 301.4
 98 64.8 0.0 130.4



#28
 Bromochloromethane
 Concen: 44.944 ug/l
 RT: 7.325 min Scan# 903
 Delta R.T. -0.006 min
 Lab File: VY014574.D
 Acq: 05 Jul 2023 21:28

Tgt Ion: 49 Resp: 101154
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 4.6
 130 100.5 60.7 91.1#





#29

Tetrahydrofuran

Concen: 222.786 ug/l

RT: 7.344 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY014574.D

Acq: 05 Jul 2023 21:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

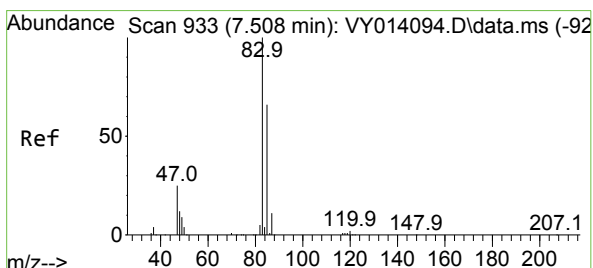
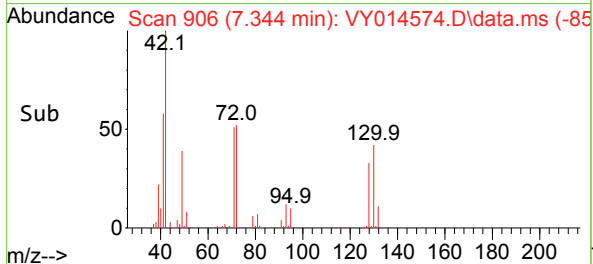
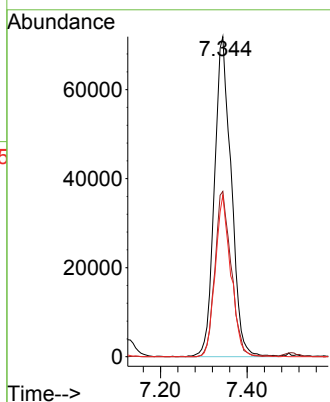
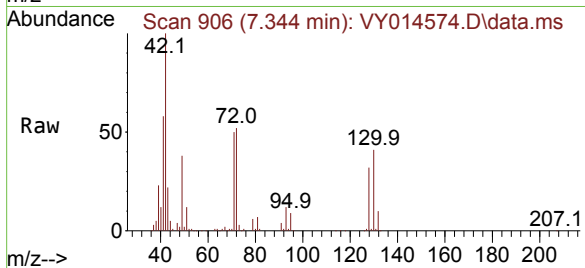
Tgt Ion: 42 Resp: 193741

Ion Ratio Lower Upper

42 100

72 50.1 32.8 49.2#

71 47.1 31.0 46.4#



#30

Chloroform

Concen: 52.070 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY014574.D

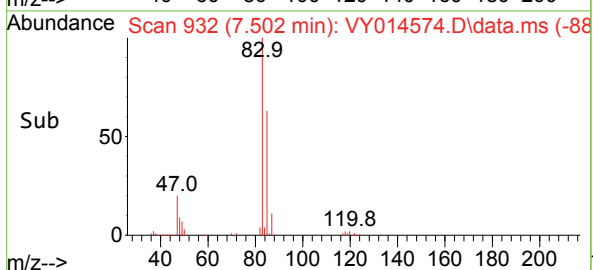
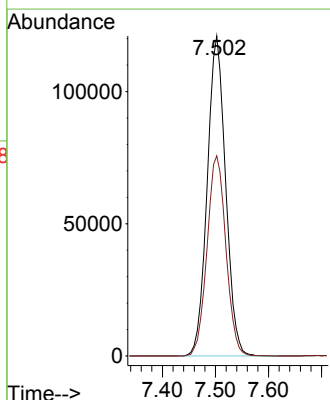
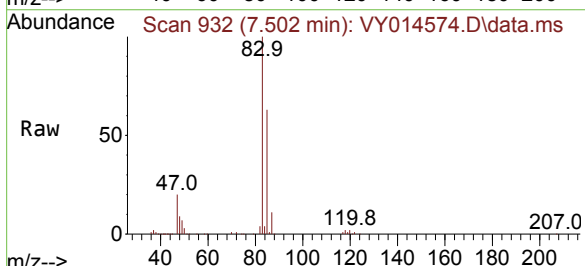
Acq: 05 Jul 2023 21:28

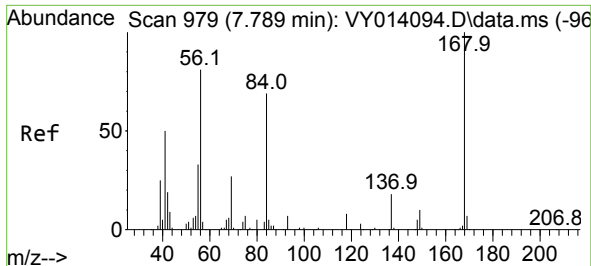
Tgt Ion: 83 Resp: 291136

Ion Ratio Lower Upper

83 100

85 62.6 49.7 74.5

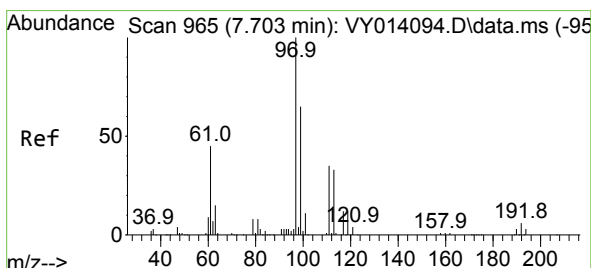
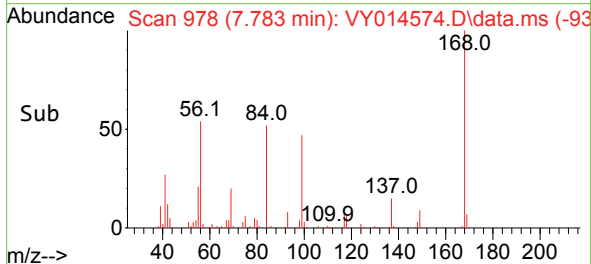
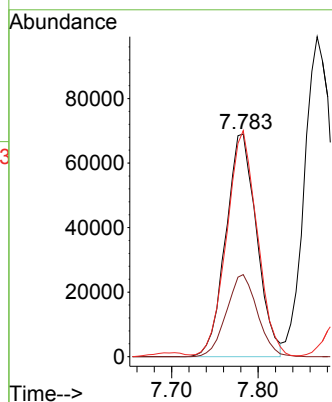
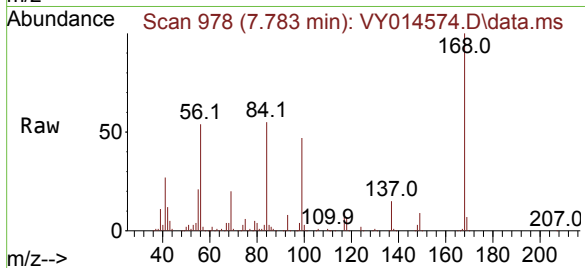




#31
Cyclohexane
Concen: 37.418 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014574.D
Acq: 05 Jul 2023 21:28

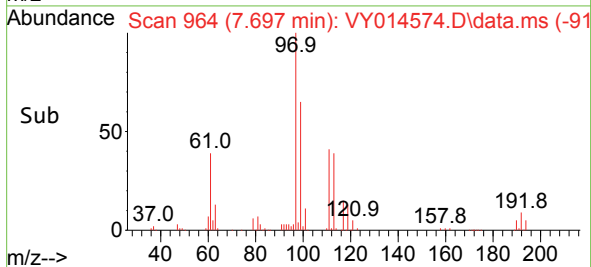
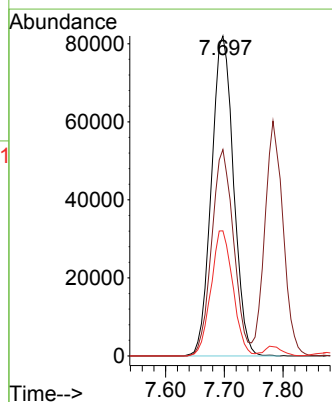
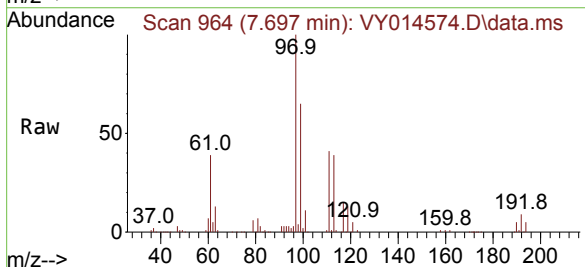
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

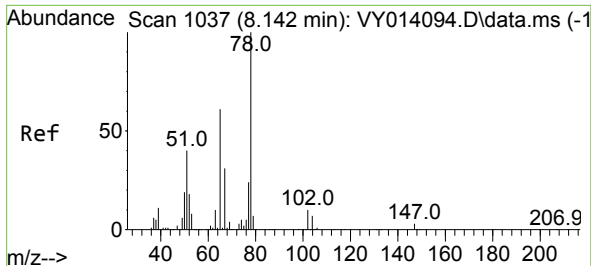
Tgt Ion: 56 Resp: 171162
Ion Ratio Lower Upper
56 100
69 36.9 27.8 41.6
84 99.9 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 44.842 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY014574.D
Acq: 05 Jul 2023 21:28

Tgt Ion: 97 Resp: 214310
Ion Ratio Lower Upper
97 100
99 64.3 50.8 76.2
61 38.9 35.1 52.7

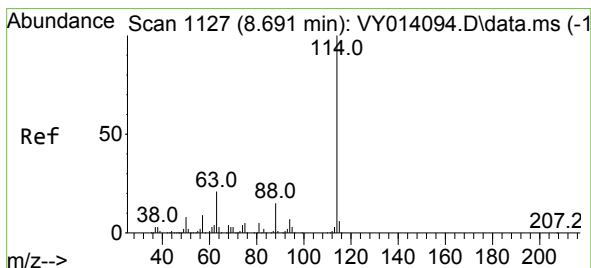
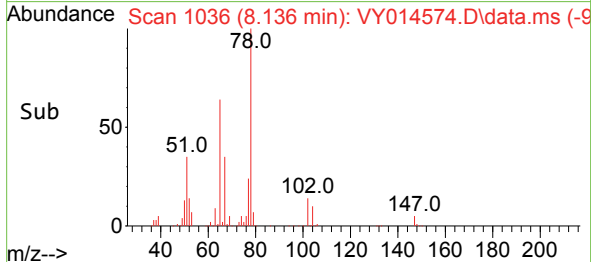
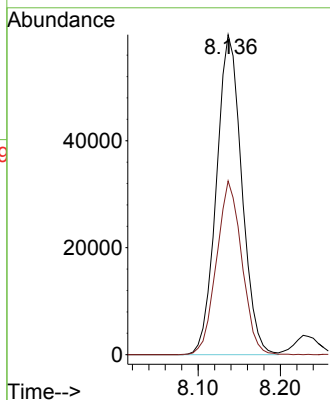
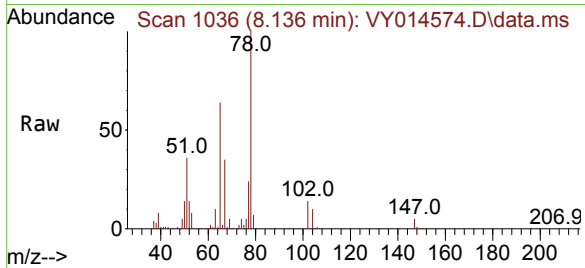




#33
 1,2-Dichloroethane-d4
 Concen: 43.998 ug/l
 RT: 8.136 min Scan# 110
 Delta R.T. -0.006 min
 Lab File: VY014574.D
 Acq: 05 Jul 2023 21:28

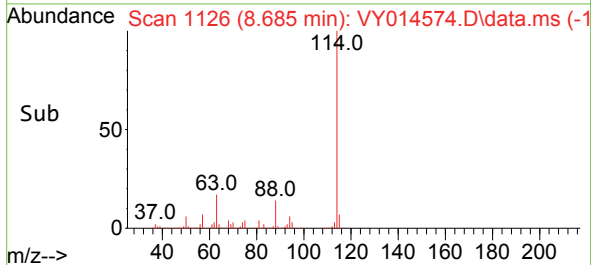
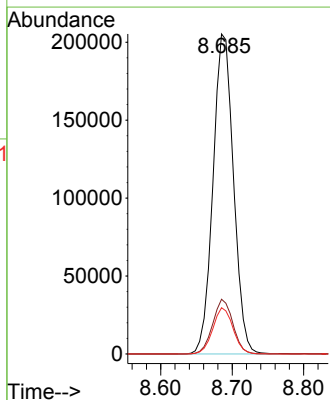
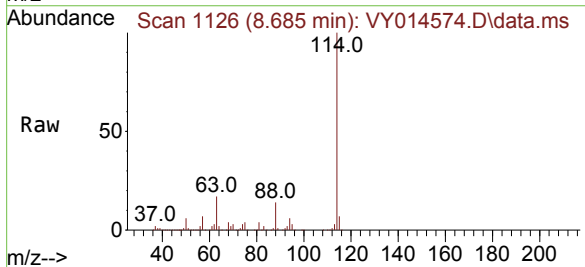
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

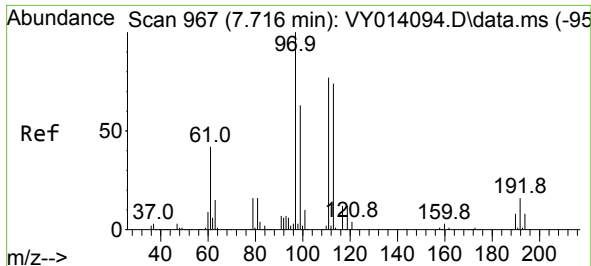
Tgt Ion: 65 Resp: 128283
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY014574.D
 Acq: 05 Jul 2023 21:28

Tgt Ion: 114 Resp: 408695
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 42.4
 88 14.5 0.0 30.6

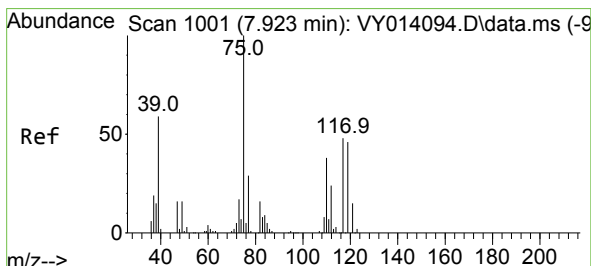
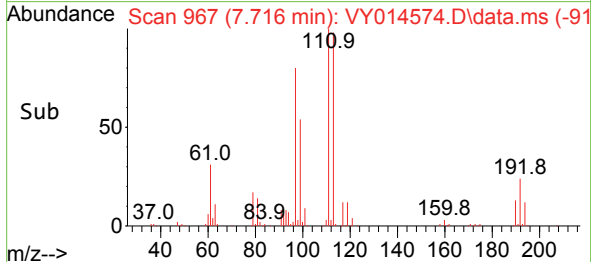
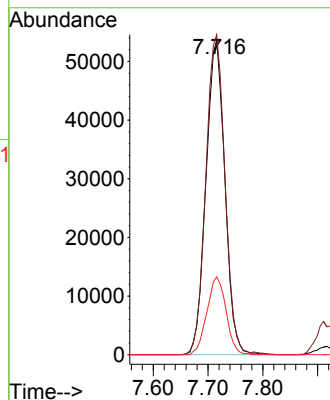
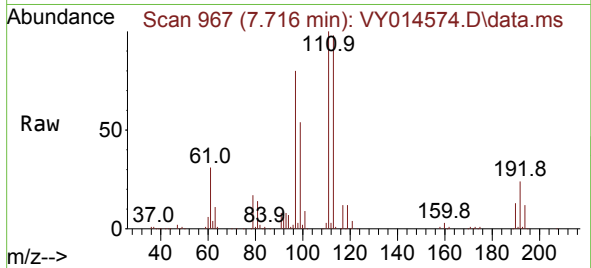




#35
Dibromofluoromethane
Concen: 51.014 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014574.D
Acq: 05 Jul 2023 21:28

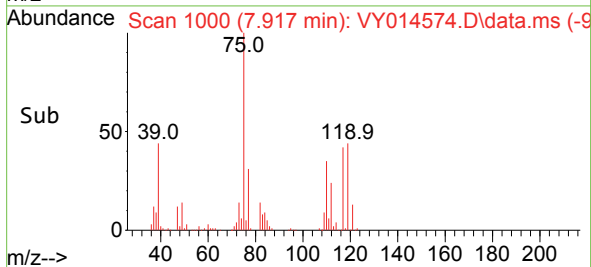
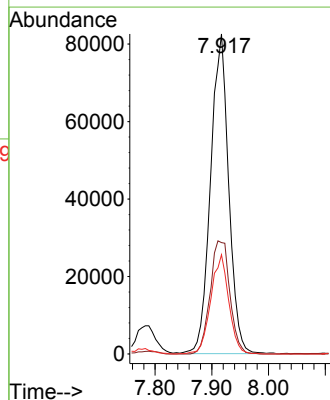
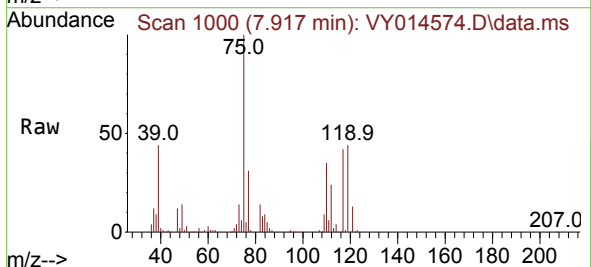
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

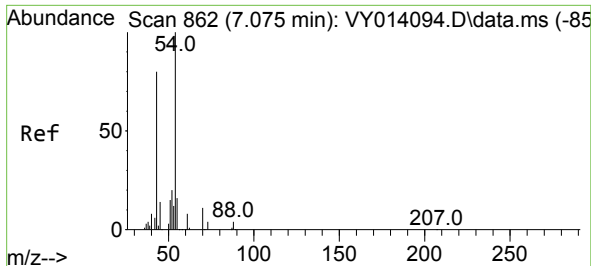
Tgt Ion:113 Resp: 128390
Ion Ratio Lower Upper
113 100
111 102.9 81.3 121.9
192 25.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 47.444 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY014574.D
Acq: 05 Jul 2023 21:28

Tgt Ion: 75 Resp: 182858
Ion Ratio Lower Upper
75 100
110 38.5 17.8 53.5
77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 43.787 ug/l

RT: 7.069 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY014574.D

Acq: 05 Jul 2023 21:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

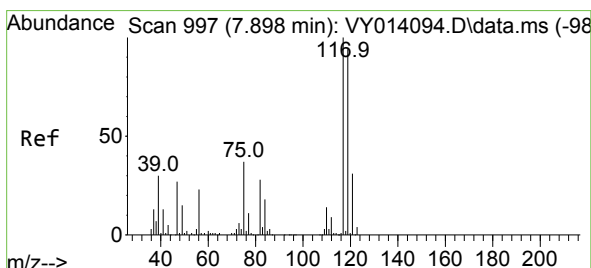
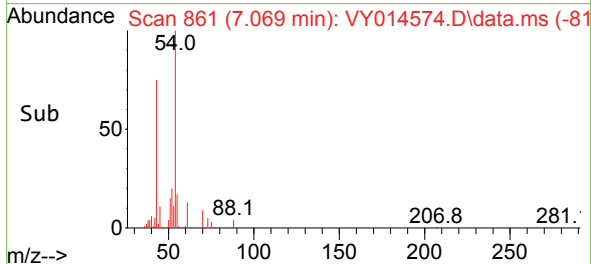
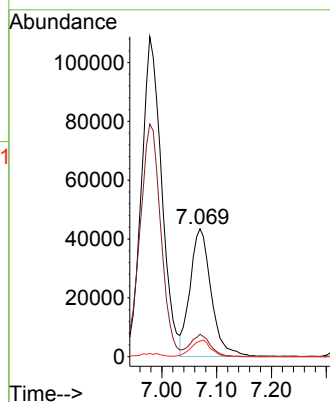
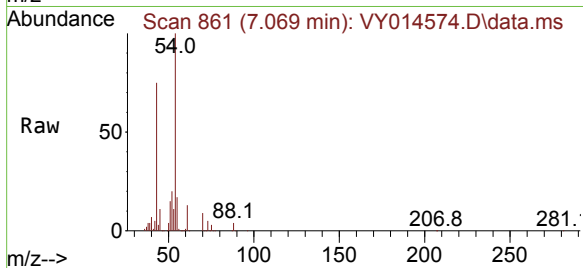
Tgt Ion: 43 Resp: 115736

Ion Ratio Lower Upper

43 100

61 16.0 10.1 15.1#

70 12.1 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 49.417 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.001 min

Lab File: VY014574.D

Acq: 05 Jul 2023 21:28

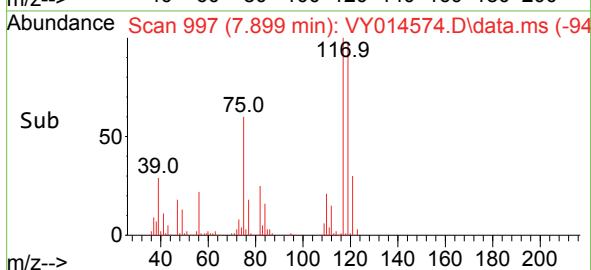
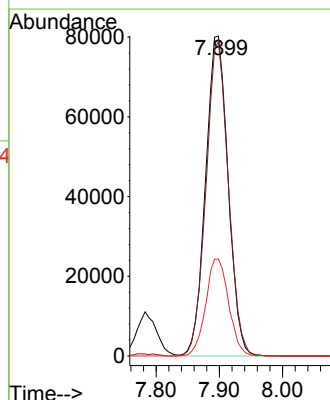
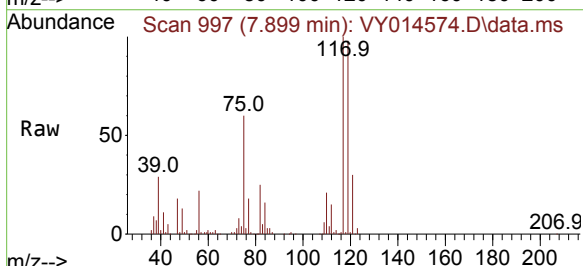
Tgt Ion: 117 Resp: 198824

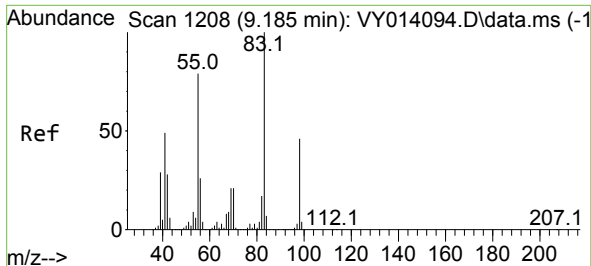
Ion Ratio Lower Upper

117 100

119 98.3 76.4 114.6

121 30.3 25.8 38.6

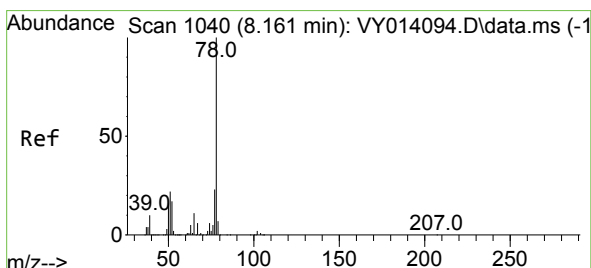
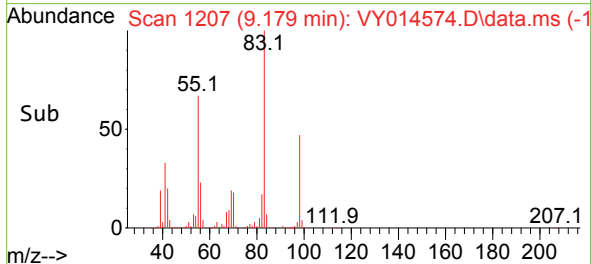
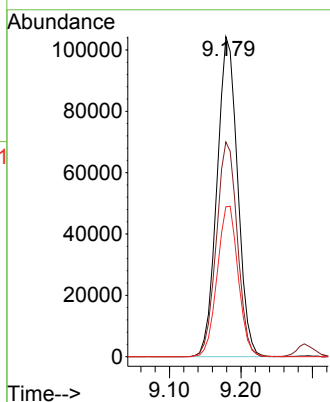
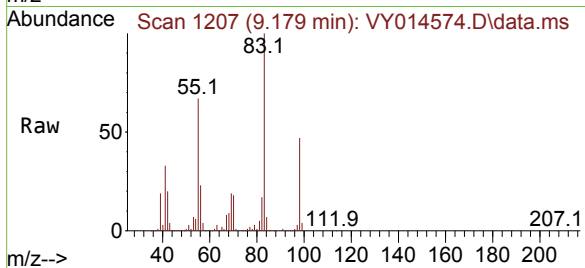




#39
Methylcyclohexane
Concen: 45.303 ug/l
RT: 9.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014574.D
Acq: 05 Jul 2023 21:28

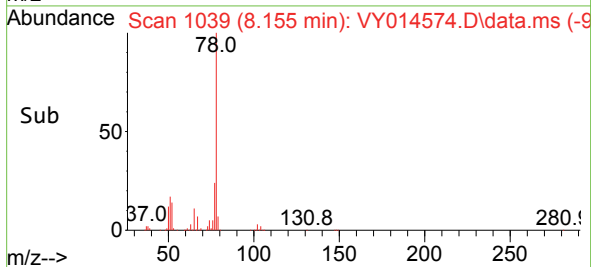
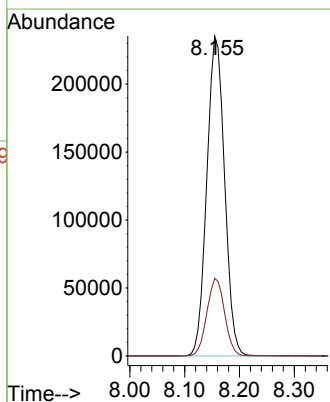
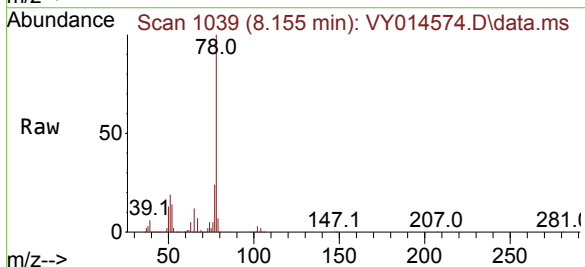
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

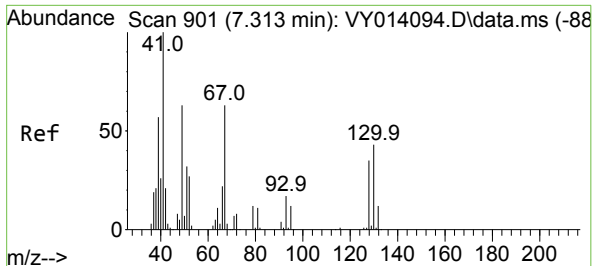
Tgt Ion: 83 Resp: 208707
Ion Ratio Lower Upper
83 100
55 67.1 63.0 94.4
98 46.9 37.4 56.2



#40
Benzene
Concen: 45.270 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY014574.D
Acq: 05 Jul 2023 21:28

Tgt Ion: 78 Resp: 528148
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.6

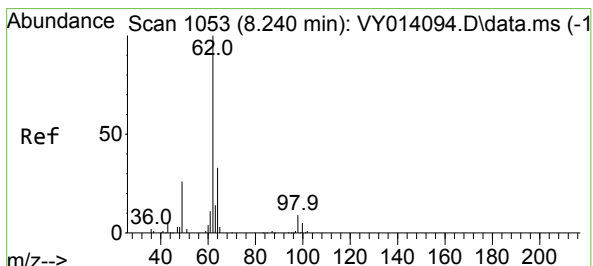
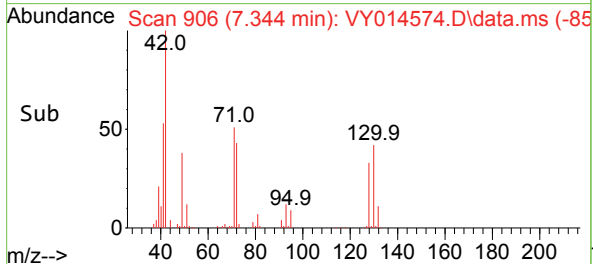
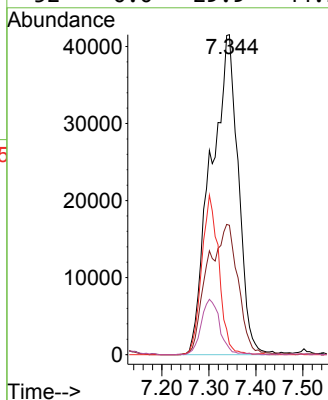
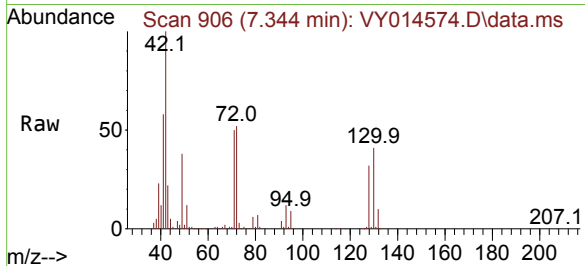




#41
Methacrylonitrile
Concen: 129.879 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.031 min
Lab File: VY014574.D
Acq: 05 Jul 2023 21:28

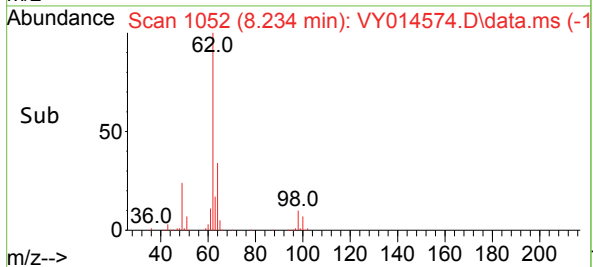
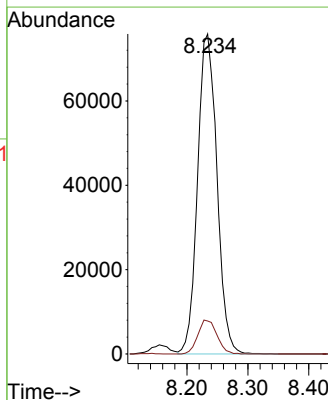
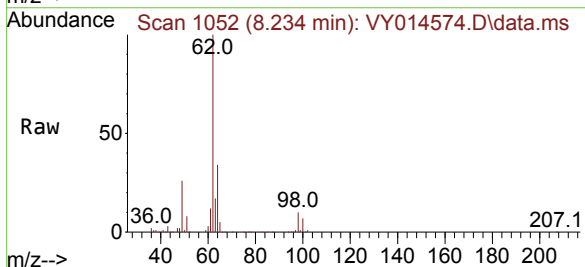
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

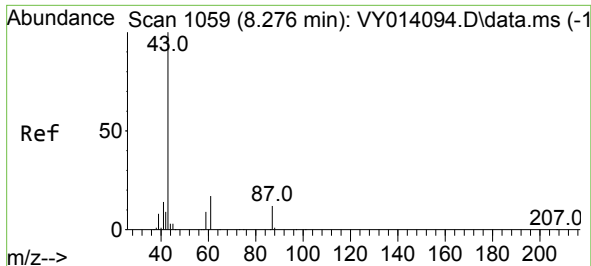
Tgt Ion: 41 Resp: 167712
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 48.886 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY014574.D
Acq: 05 Jul 2023 21:28

Tgt Ion: 62 Resp: 167637
Ion Ratio Lower Upper
62 100
98 10.5 0.0 15.8

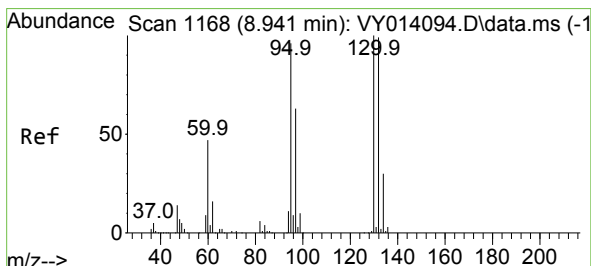
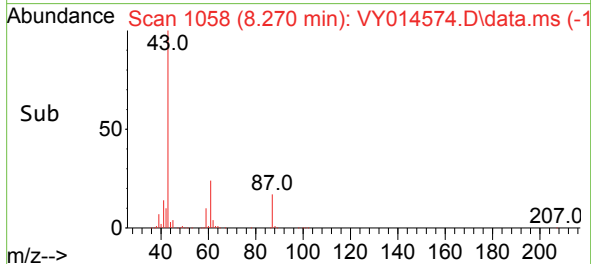
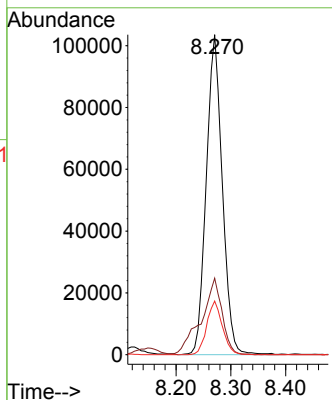
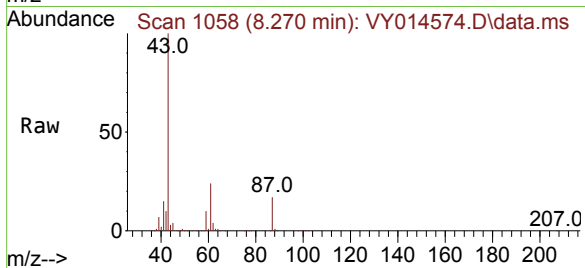




#43
Isopropyl Acetate
Concen: 46.889 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VY014574.D
Acq: 05 Jul 2023 21:28

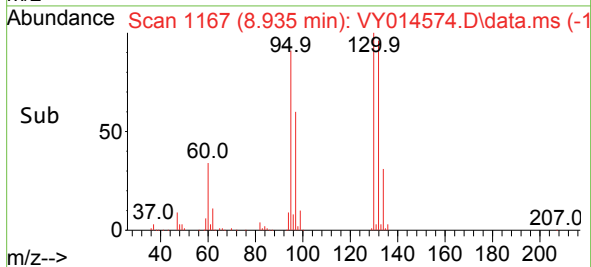
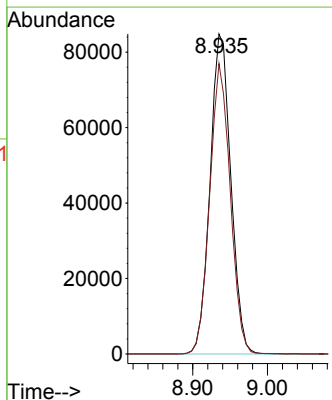
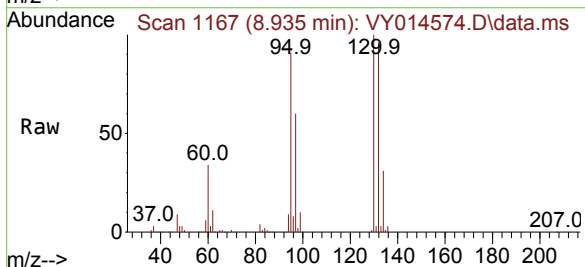
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

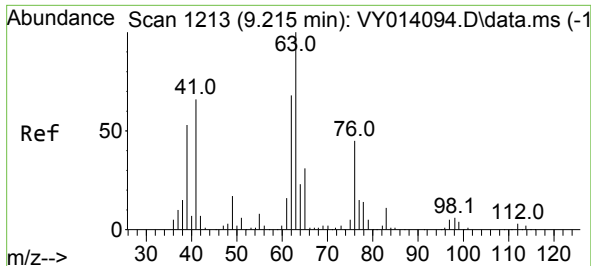
Tgt Ion: 43 Resp: 210030
Ion Ratio Lower Upper
43 100
61 31.3 21.1 31.7
87 16.3 9.8 14.8#



#44
Trichloroethene
Concen: 50.448 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY014574.D
Acq: 05 Jul 2023 21:28

Tgt Ion:130 Resp: 164084
Ion Ratio Lower Upper
130 100
95 90.8 0.0 196.0





#45

1,2-Dichloropropane

Concen: 43.500 ug/l

RT: 9.215 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014574.D

Acq: 05 Jul 2023 21:28

Instrument :

MSVOA_Y

ClientSampleId :

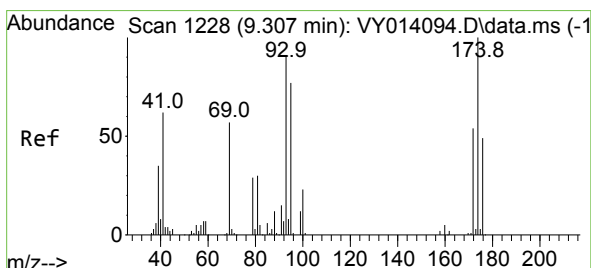
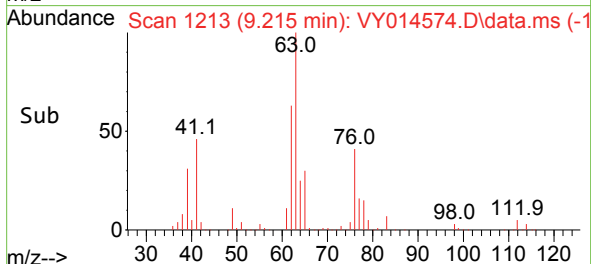
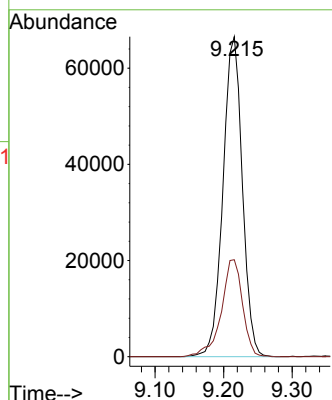
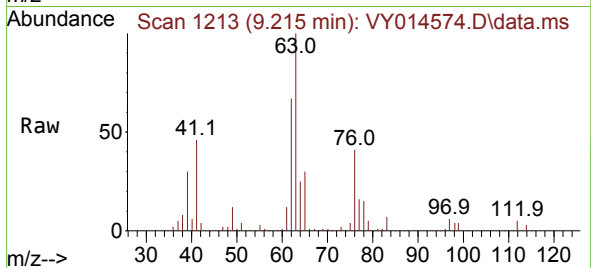
VSTDCCC050EC

Tgt Ion: 63 Resp: 130193

Ion Ratio Lower Upper

63 100

65 30.3 23.8 35.6



#46

Dibromomethane

Concen: 46.896 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY014574.D

Acq: 05 Jul 2023 21:28

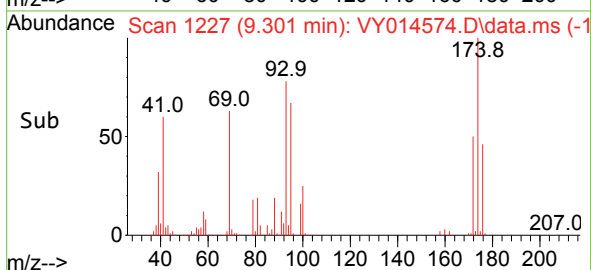
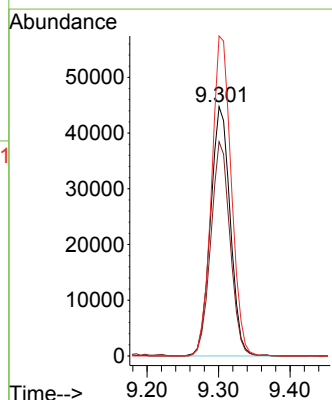
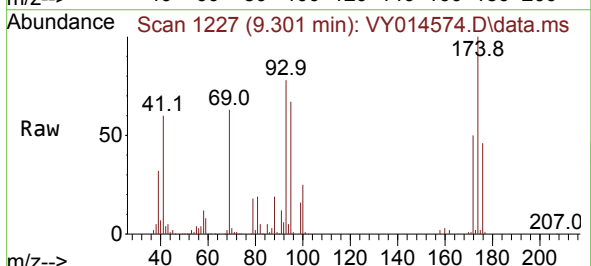
Tgt Ion: 93 Resp: 85448

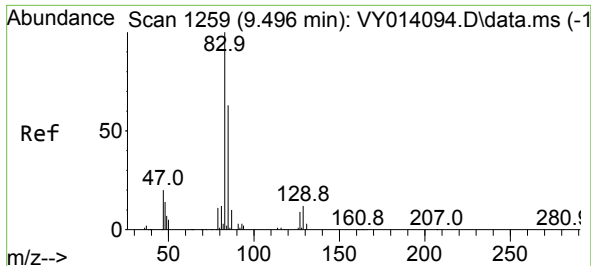
Ion Ratio Lower Upper

93 100

95 84.0 66.6 100.0

174 128.3 84.8 127.2#

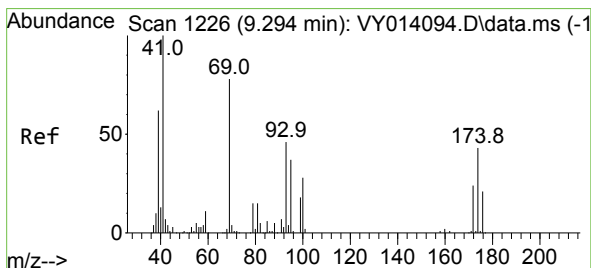
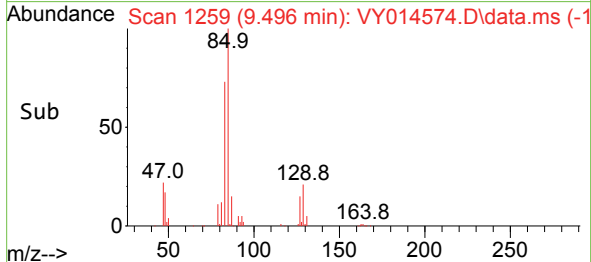
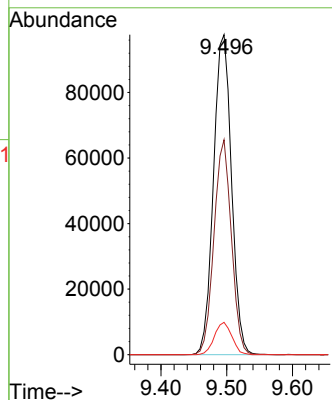
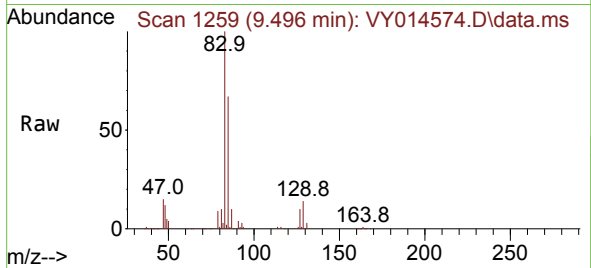




#47
Bromodichloromethane
Concen: 46.301 ug/l
RT: 9.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014574.D
Acq: 05 Jul 2023 21:28

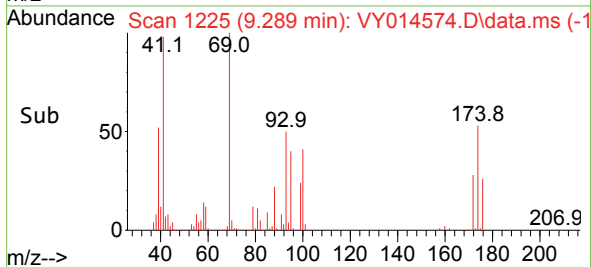
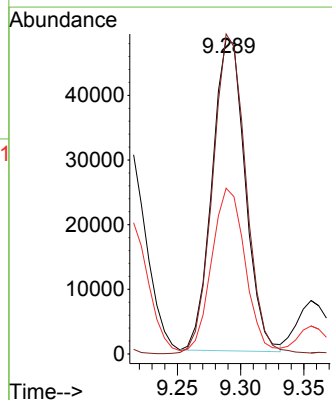
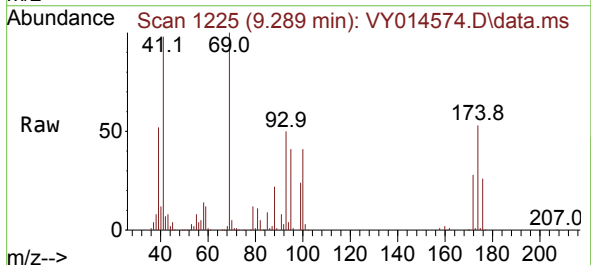
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

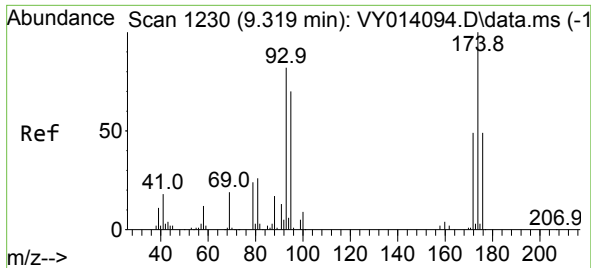
Tgt Ion: 83 Resp: 185883
Ion Ratio Lower Upper
83 100
85 67.2 50.1 75.1
127 10.1 7.1 10.7



#48
Methyl methacrylate
Concen: 43.075 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.005 min
Lab File: VY014574.D
Acq: 05 Jul 2023 21:28

Tgt Ion: 41 Resp: 87742
Ion Ratio Lower Upper
41 100
69 102.5 64.5 96.7#
39 52.1 50.8 76.2

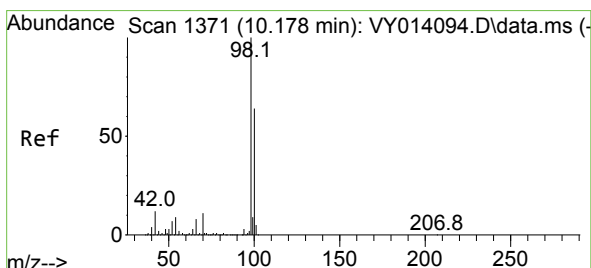
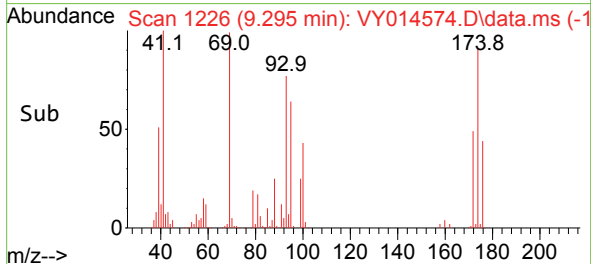
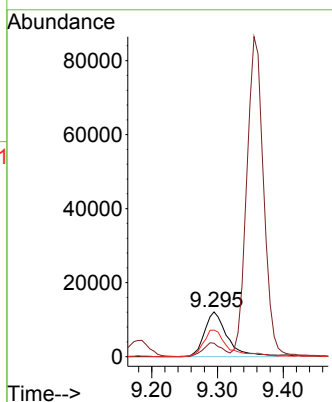
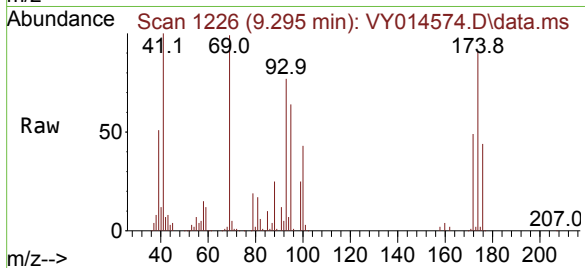




#49
1,4-Dioxane
Concen: 901.579 ug/l
RT: 9.295 min Scan# 1230
Delta R.T. -0.024 min
Lab File: VY014574.D
Acq: 05 Jul 2023 21:28

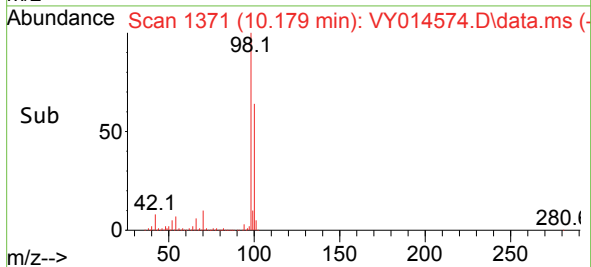
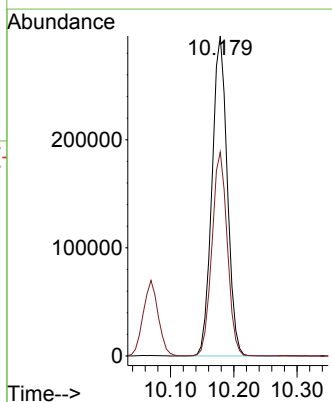
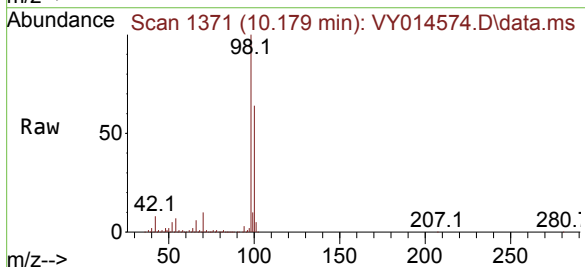
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

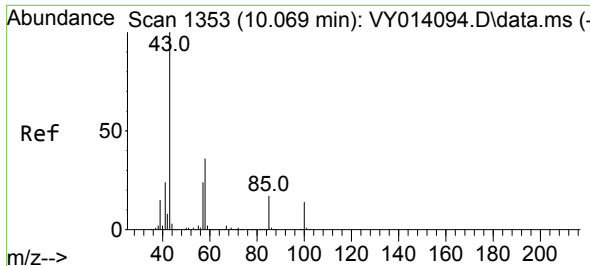
Tgt Ion: 88 Resp: 29334
Ion Ratio Lower Upper
88 100
43 25.4 0.0 0.0#
58 64.2 30.9 46.3#



#50
Toluene-d8
Concen: 49.835 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014574.D
Acq: 05 Jul 2023 21:28

Tgt Ion: 98 Resp: 495810
Ion Ratio Lower Upper
98 100
100 63.9 50.1 75.1

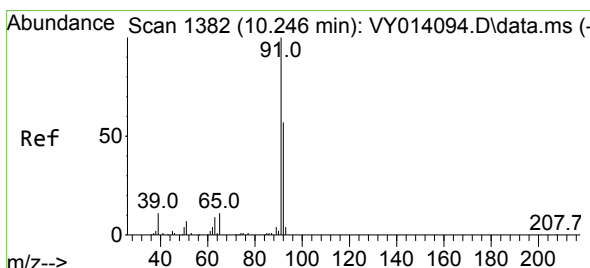
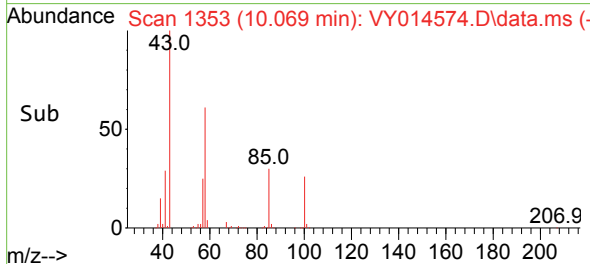
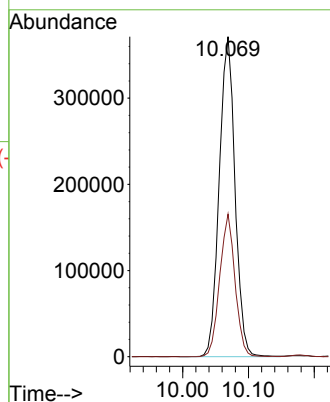
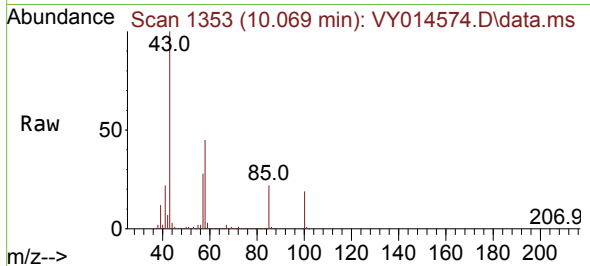




#51
4-Methyl-2-Pentanone
Concen: 233.820 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY014574.D
Acq: 05 Jul 2023 21:28

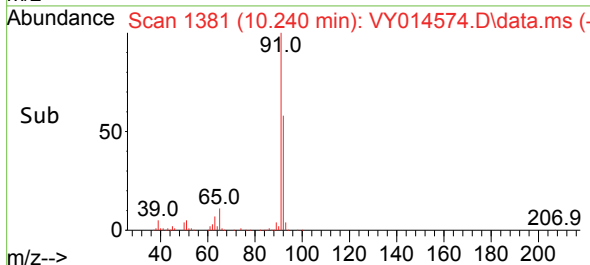
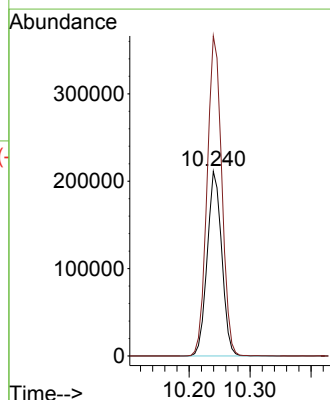
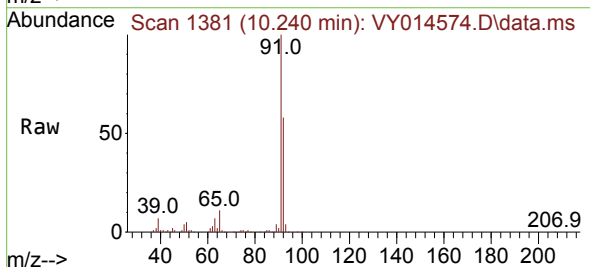
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

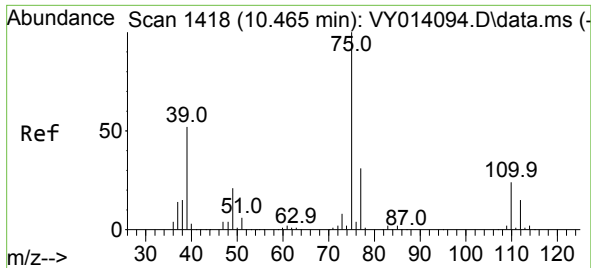
Tgt Ion: 43 Resp: 620064
Ion Ratio Lower Upper
43 100
58 43.2 29.0 43.6



#52
Toluene
Concen: 47.690 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY014574.D
Acq: 05 Jul 2023 21:28

Tgt Ion: 92 Resp: 350132
Ion Ratio Lower Upper
92 100
91 175.0 143.8 215.6

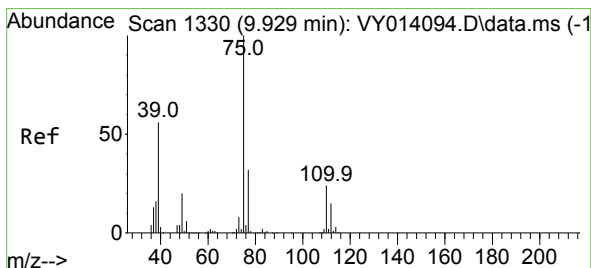
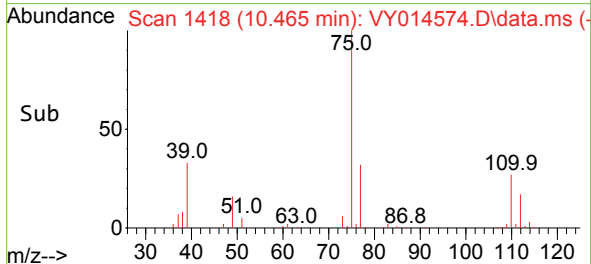
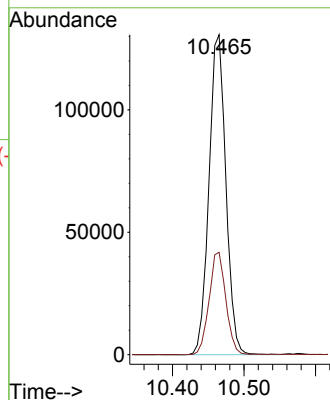
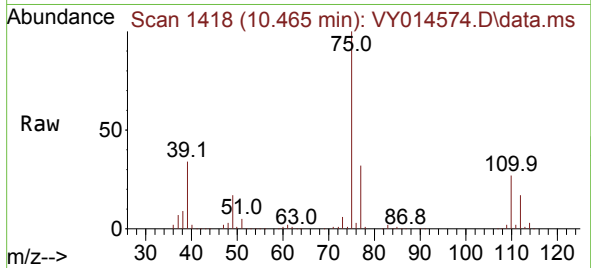




#53
t-1,3-Dichloropropene
Concen: 49.923 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY014574.D
Acq: 05 Jul 2023 21:28

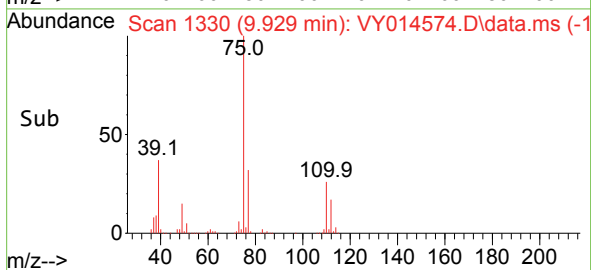
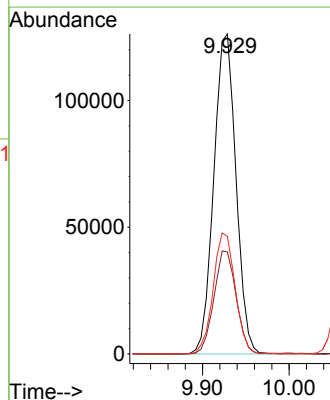
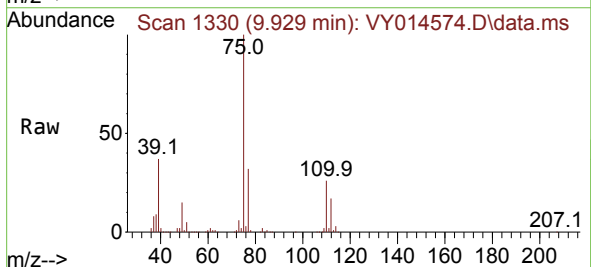
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

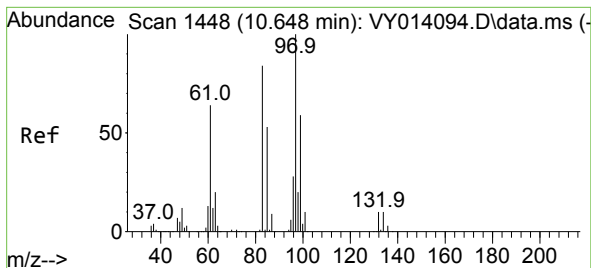
Tgt Ion: 75 Resp: 214326
Ion Ratio Lower Upper
75 100
77 32.0 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 46.876 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY014574.D
Acq: 05 Jul 2023 21:28

Tgt Ion: 75 Resp: 224536
Ion Ratio Lower Upper
75 100
77 31.9 24.2 36.4
39 36.7 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 47.067 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VY014574.D

Acq: 05 Jul 2023 21:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 124787

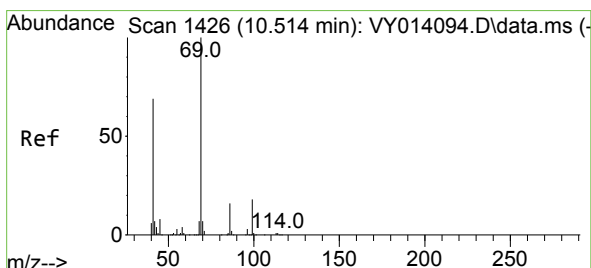
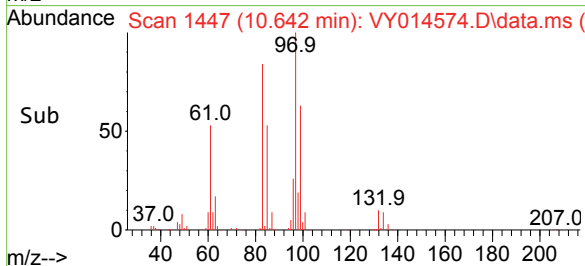
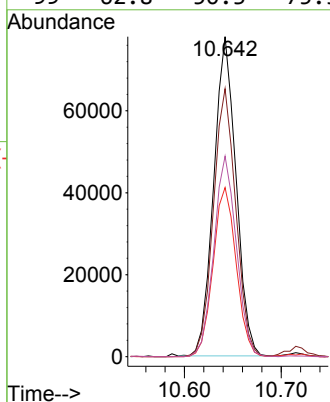
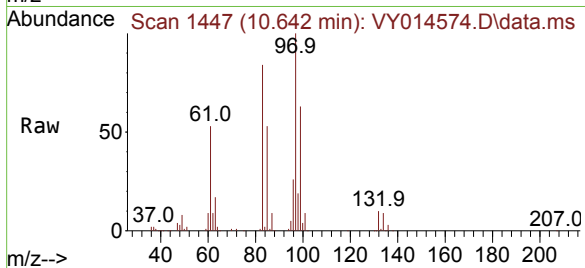
Ion Ratio Lower Upper

97 100

83 83.8 72.0 108.0

85 53.0 45.4 68.0

99 62.8 50.3 75.5



#56

Ethyl methacrylate

Concen: 48.086 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.006 min

Lab File: VY014574.D

Acq: 05 Jul 2023 21:28

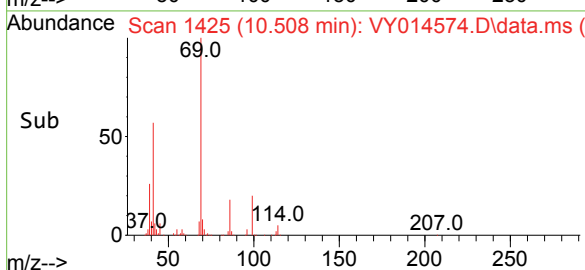
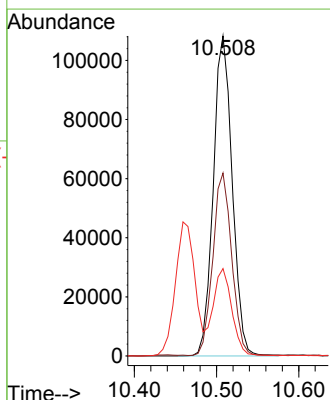
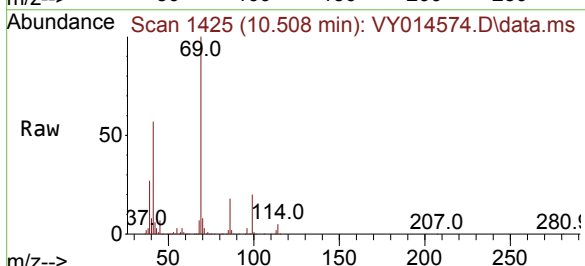
Tgt Ion: 69 Resp: 173424

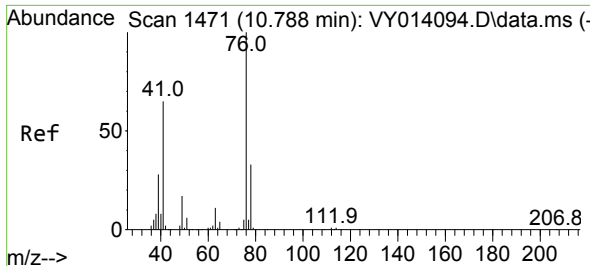
Ion Ratio Lower Upper

69 100

41 57.0 57.6 86.4#

39 27.2 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 45.563 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014574.D

Acq: 05 Jul 2023 21:28

Instrument :

MSVOA_Y

ClientSampleId :

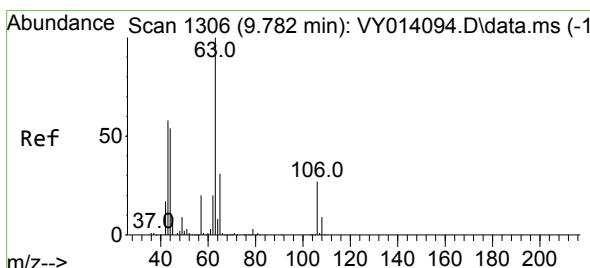
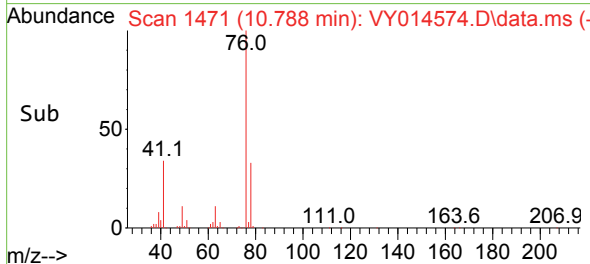
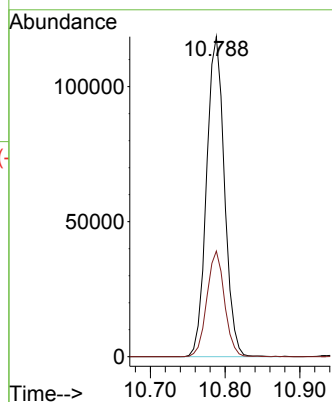
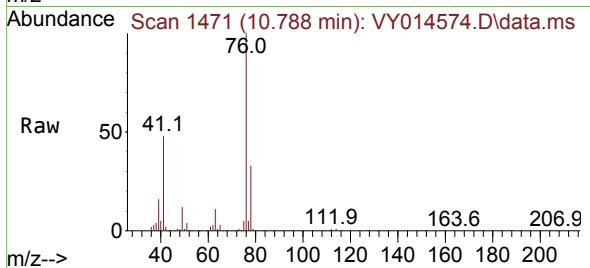
VSTDCCC050EC

Tgt Ion: 76 Resp: 196828

Ion Ratio Lower Upper

76 100

78 32.6 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 269.331 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY014574.D

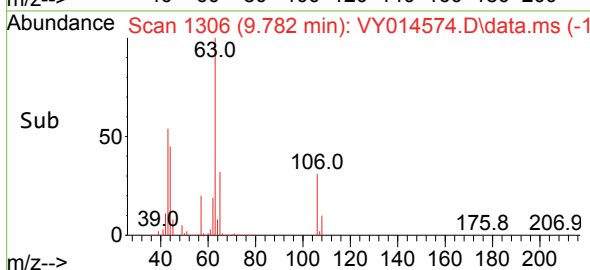
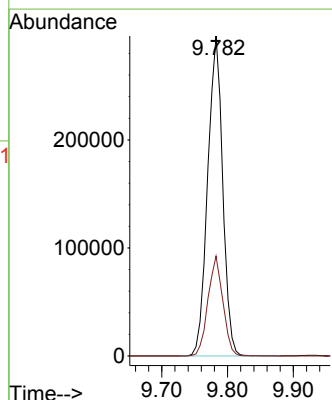
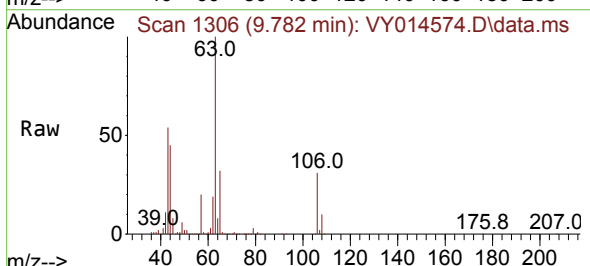
Acq: 05 Jul 2023 21:28

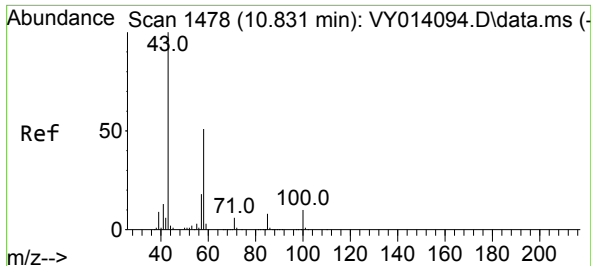
Tgt Ion: 63 Resp: 470571

Ion Ratio Lower Upper

63 100

106 31.0 21.2 31.8

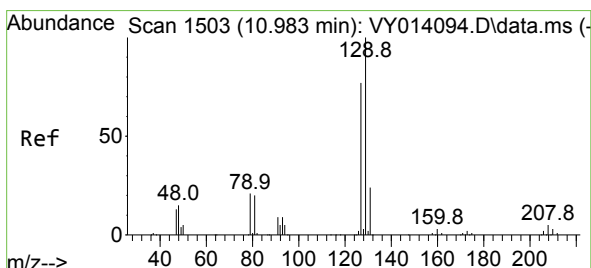
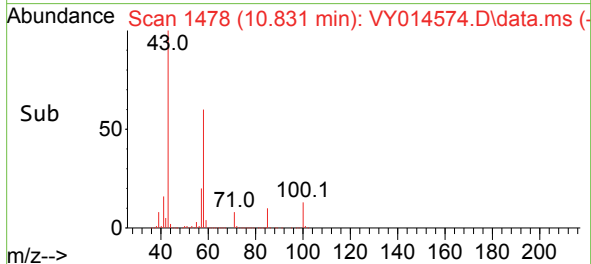
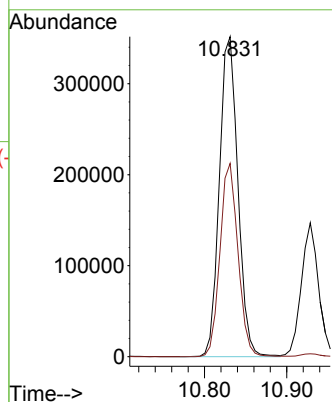
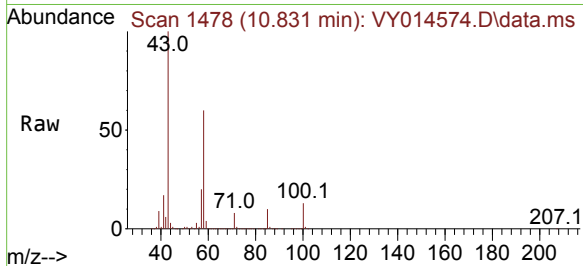




#59
2-Hexanone
Concen: 287.289 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY014574.D
Acq: 05 Jul 2023 21:28

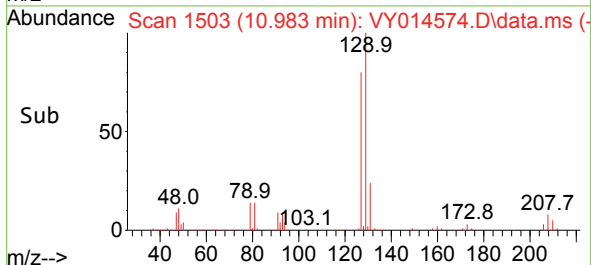
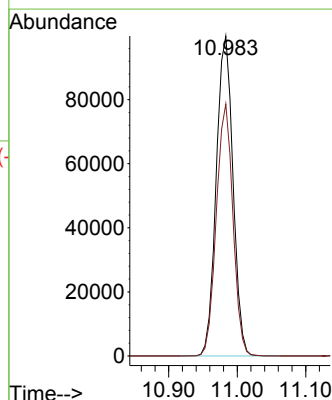
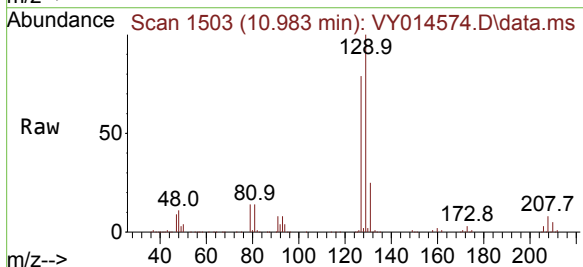
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

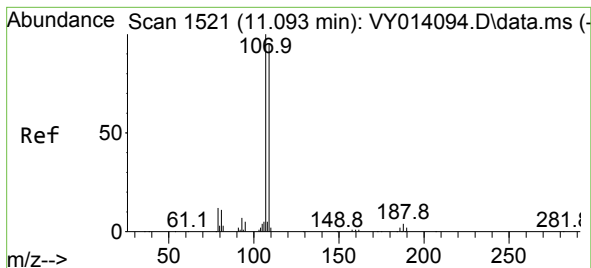
Tgt Ion: 43 Resp: 550336
Ion Ratio Lower Upper
43 100
58 58.9 25.1 75.3



#60
Dibromochloromethane
Concen: 54.436 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014574.D
Acq: 05 Jul 2023 21:28

Tgt Ion: 129 Resp: 169114
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.5

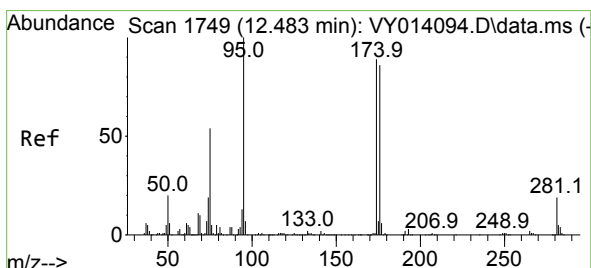
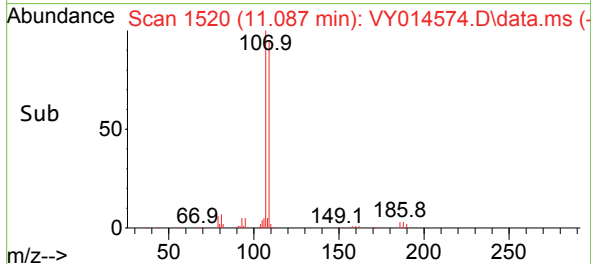
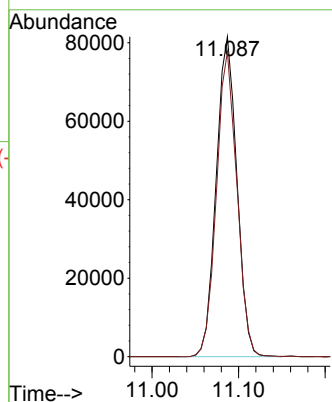
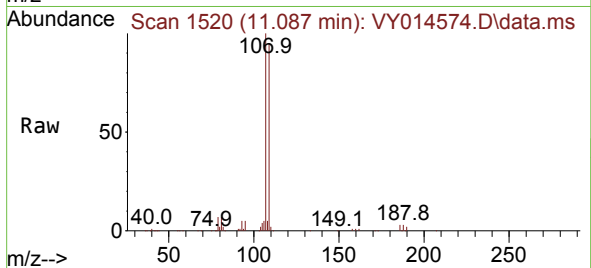




#61
1,2-Dibromoethane
Concen: 52.291 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.006 min
Lab File: VY014574.D
Acq: 05 Jul 2023 21:28

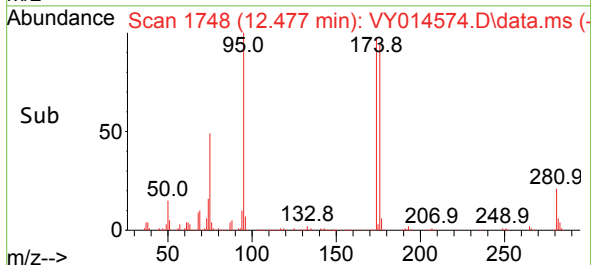
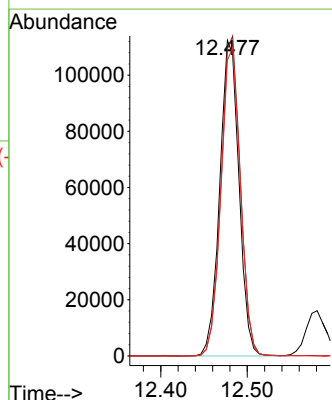
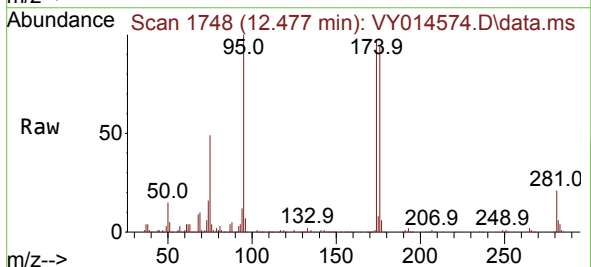
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

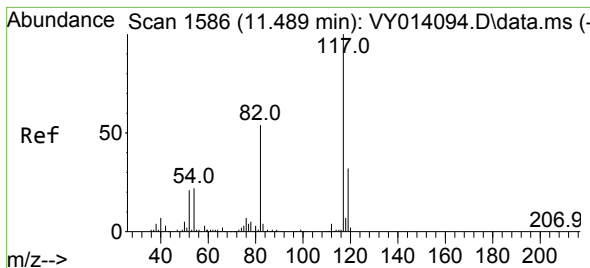
Tgt Ion:107 Resp: 135349
Ion Ratio Lower Upper
107 100
109 94.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.103 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014574.D
Acq: 05 Jul 2023 21:28

Tgt Ion: 95 Resp: 173094
Ion Ratio Lower Upper
95 100
174 101.5 0.0 178.2
176 98.8 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: VY014574.D

Acq: 05 Jul 2023 21:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

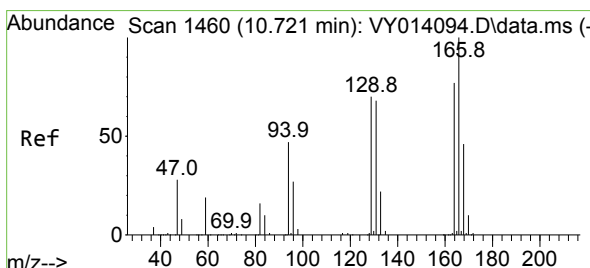
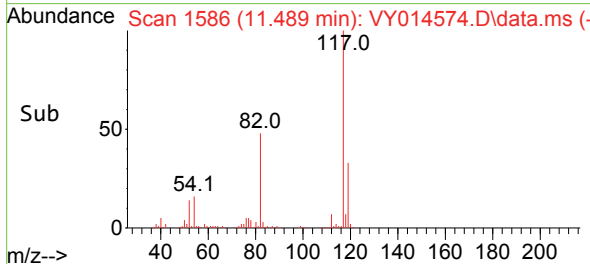
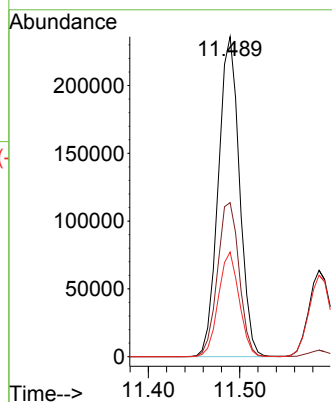
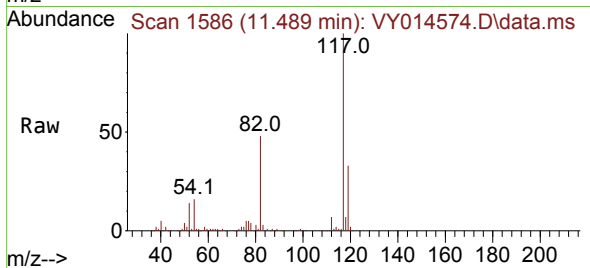
Tgt Ion:117 Resp: 380324

Ion Ratio Lower Upper

117 100

82 48.1 43.4 65.0

119 32.7 26.3 39.5



#64

Tetrachloroethene

Concen: 50.966 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY014574.D

Acq: 05 Jul 2023 21:28

Tgt Ion:164 Resp: 173277

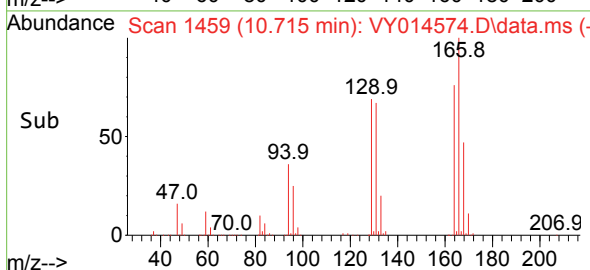
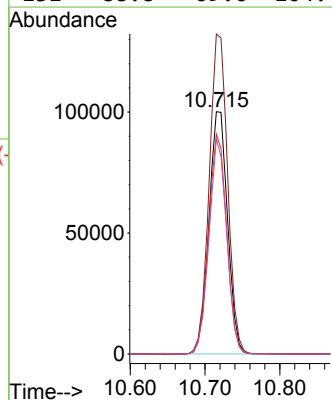
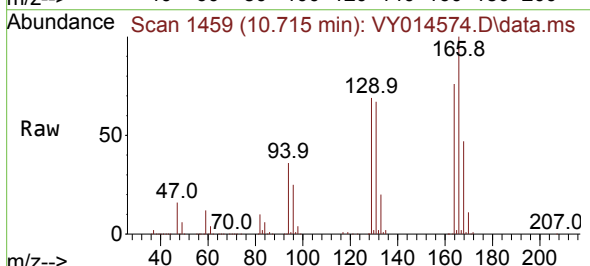
Ion Ratio Lower Upper

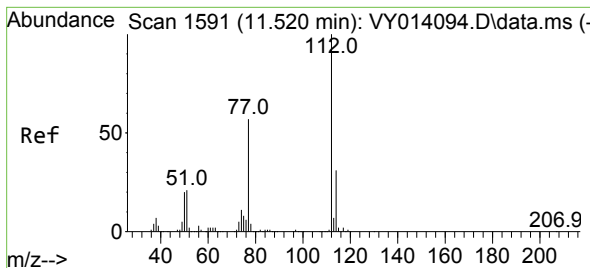
164 100

166 132.1 103.0 154.6

129 90.8 77.2 115.8

131 88.8 69.6 104.4

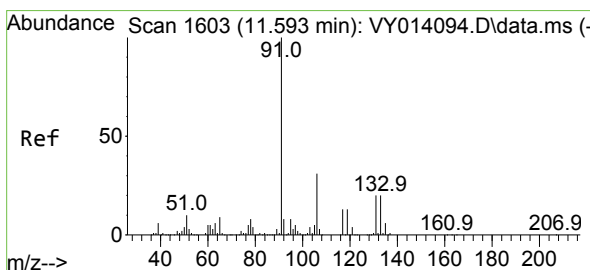
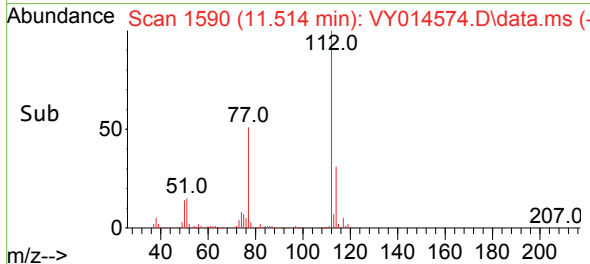
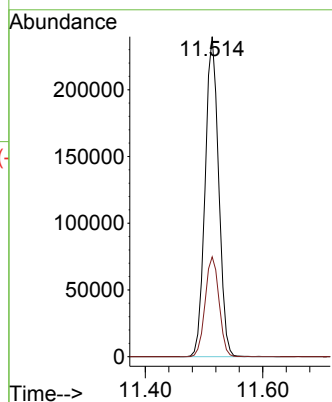
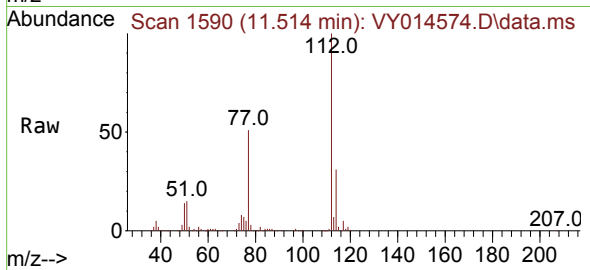




#65
Chlorobenzene
Concen: 47.356 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014574.D
Acq: 05 Jul 2023 21:28

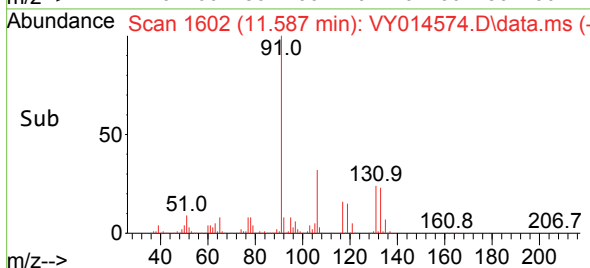
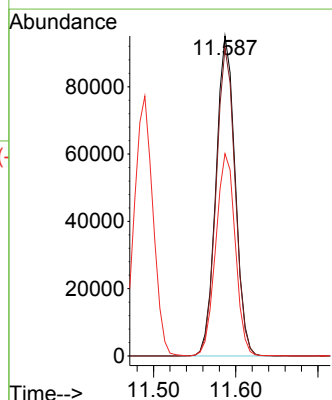
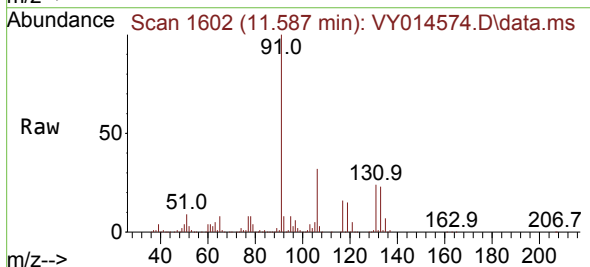
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

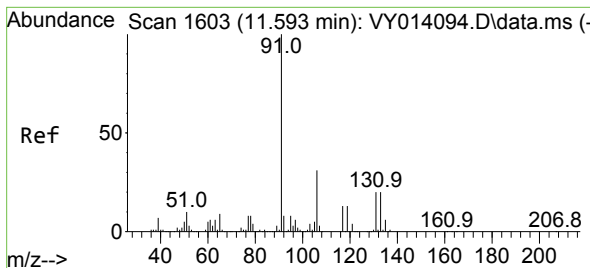
Tgt Ion:112 Resp: 383820
Ion Ratio Lower Upper
112 100
114 31.2 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 50.018 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY014574.D
Acq: 05 Jul 2023 21:28

Tgt Ion:131 Resp: 154083
Ion Ratio Lower Upper
131 100
133 95.5 47.5 142.6
119 64.4 31.6 94.7





#67

Ethyl Benzene

Concen: 45.754 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY014574.D

Acq: 05 Jul 2023 21:28

Instrument :

MSVOA_Y

ClientSampleId :

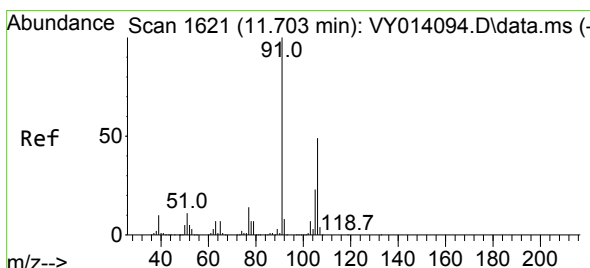
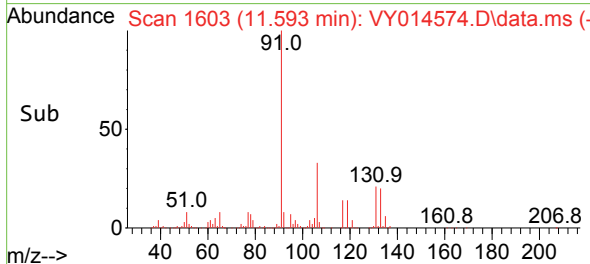
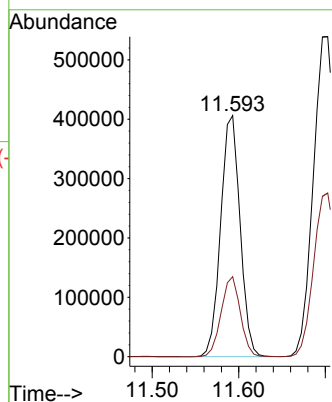
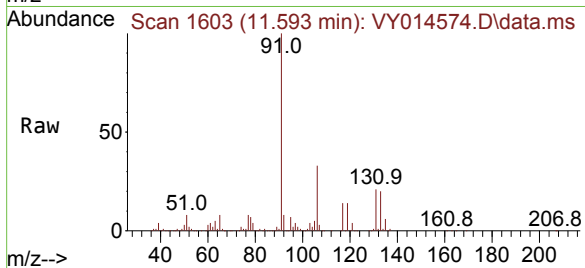
VSTDCCC050EC

Tgt Ion: 91 Resp: 632390

Ion Ratio Lower Upper

91 100

106 33.2 24.6 36.8



#68

m/p-Xylenes

Concen: 93.595 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY014574.D

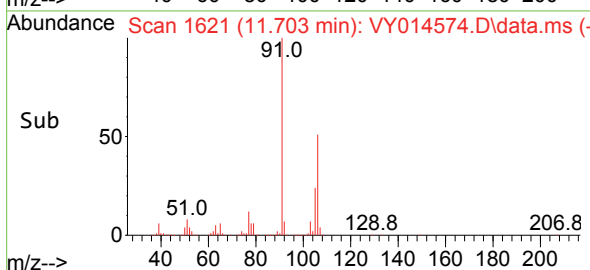
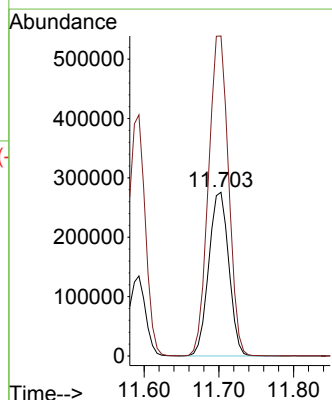
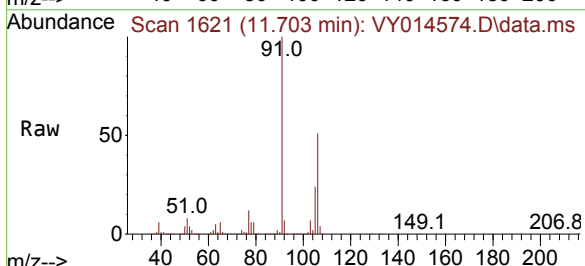
Acq: 05 Jul 2023 21:28

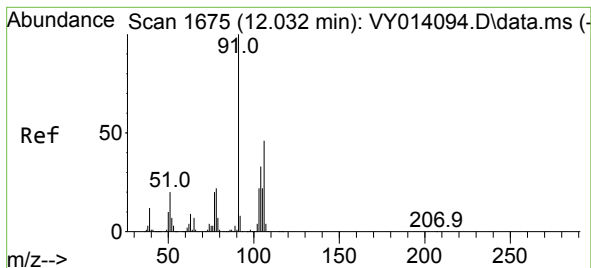
Tgt Ion:106 Resp: 513138

Ion Ratio Lower Upper

106 100

91 195.8 166.1 249.1

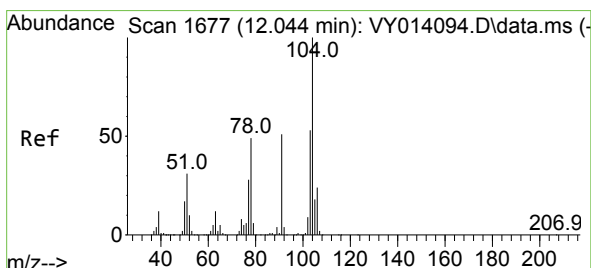
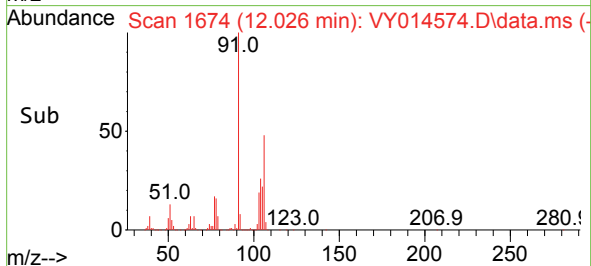
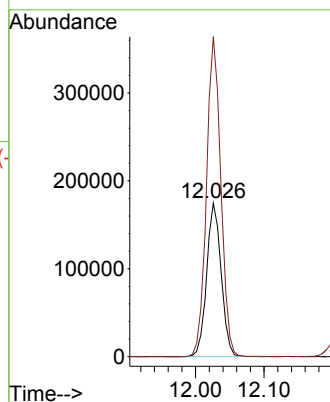
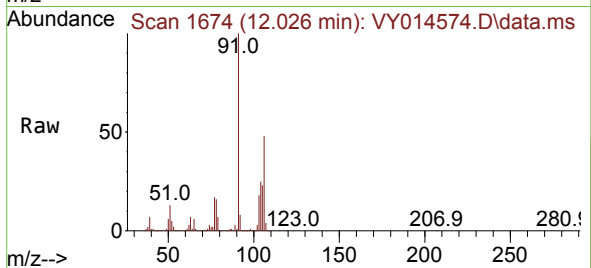




#69
o-Xylene
Concen: 49.393 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY014574.D
Acq: 05 Jul 2023 21:28

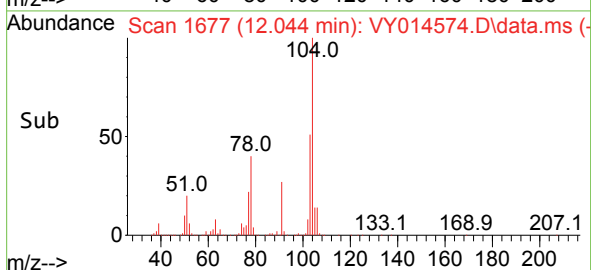
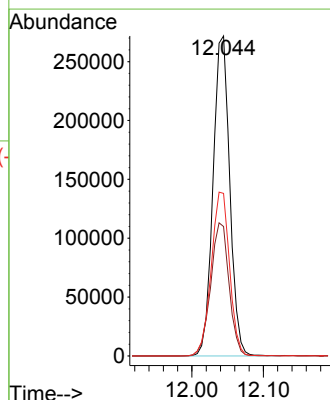
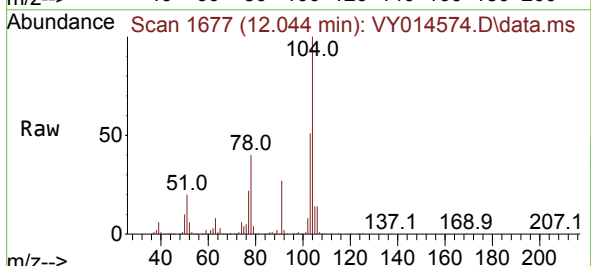
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

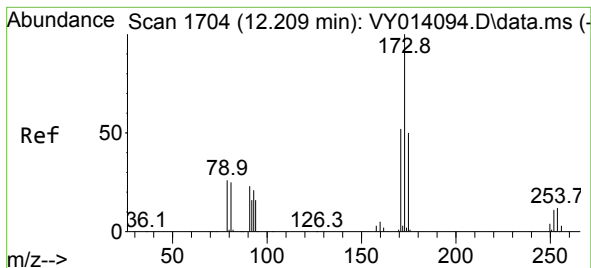
Tgt Ion:106 Resp: 256845
Ion Ratio Lower Upper
106 100
91 206.9 108.1 324.3



#70
Styrene
Concen: 49.327 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY014574.D
Acq: 05 Jul 2023 21:28

Tgt Ion:104 Resp: 441301
Ion Ratio Lower Upper
104 100
78 45.9 41.5 62.3
103 56.1 44.6 67.0





#71

Bromoform

Concen: 56.877 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014574.D

Acq: 05 Jul 2023 21:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

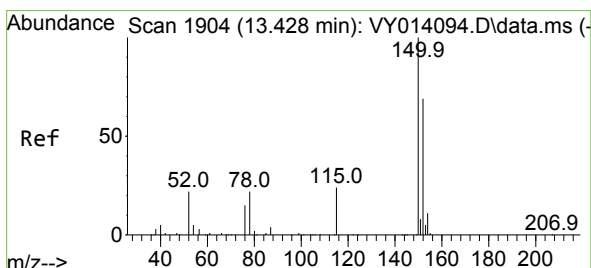
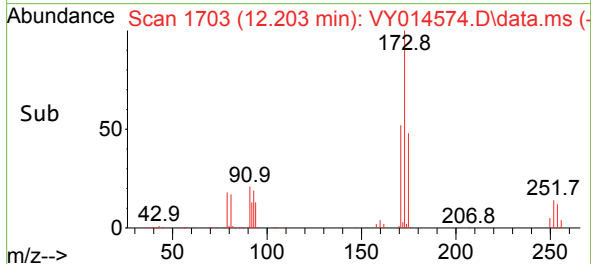
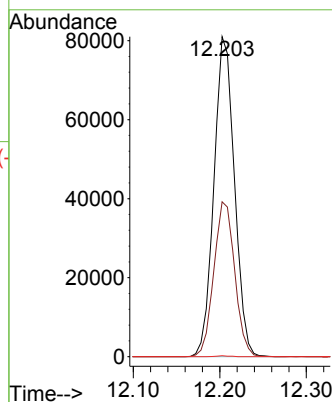
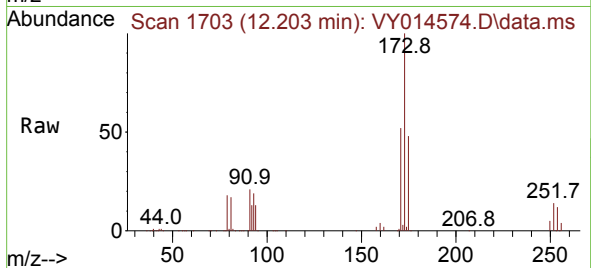
Tgt Ion:173 Resp: 133112

Ion Ratio Lower Upper

173 100

175 49.4 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: VY014574.D

Acq: 05 Jul 2023 21:28

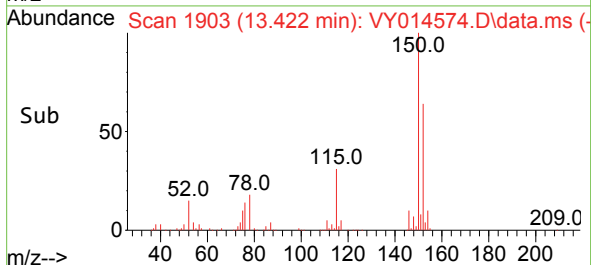
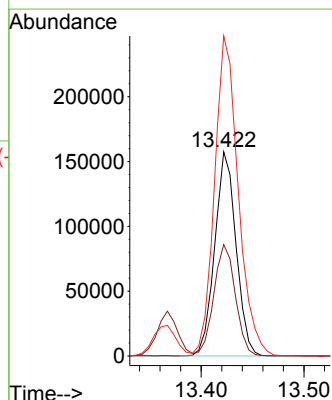
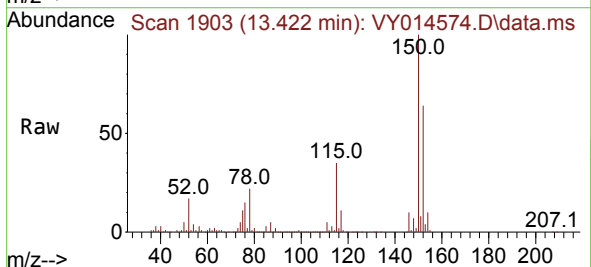
Tgt Ion:152 Resp: 226892

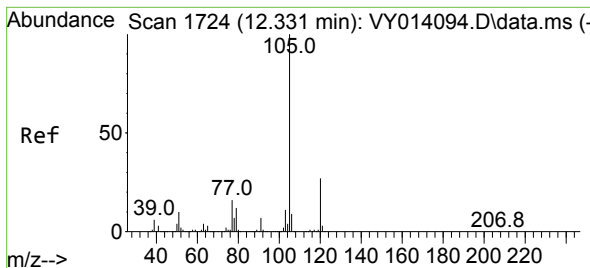
Ion Ratio Lower Upper

152 100

115 55.0 28.8 86.5

150 174.2 0.0 348.8





#73

Isopropylbenzene

Concen: 48.723 ug/l

RT: 12.325 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014574.D

Acq: 05 Jul 2023 21:28

Instrument :

MSVOA_Y

ClientSampleId :

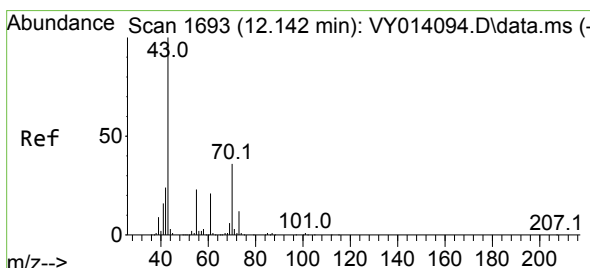
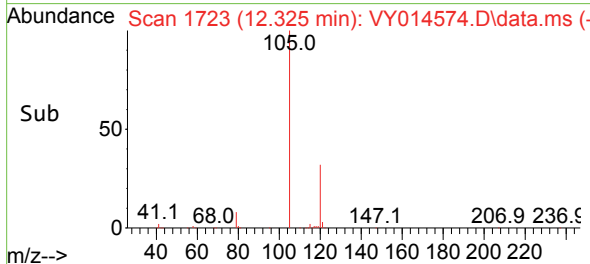
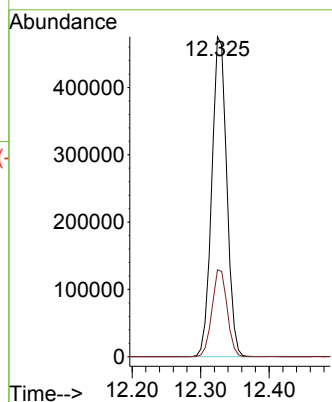
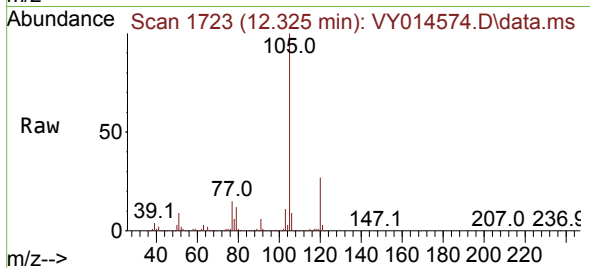
VSTDCCC050EC

Tgt Ion:105 Resp: 724008

Ion Ratio Lower Upper

105 100

120 27.3 13.3 39.9



#74

N-ethyl acetate

Concen: 49.601 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014574.D

Acq: 05 Jul 2023 21:28

Tgt Ion: 43 Resp: 222450

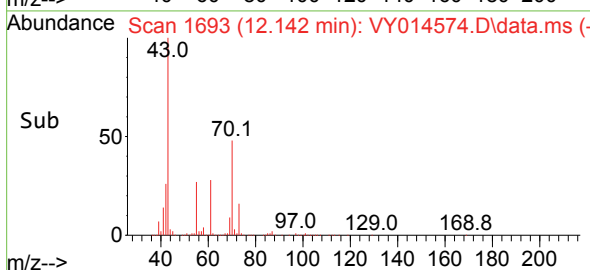
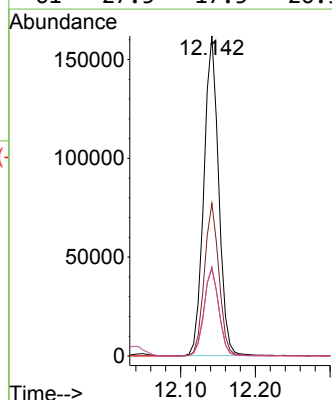
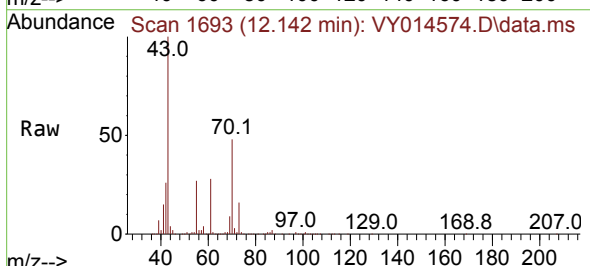
Ion Ratio Lower Upper

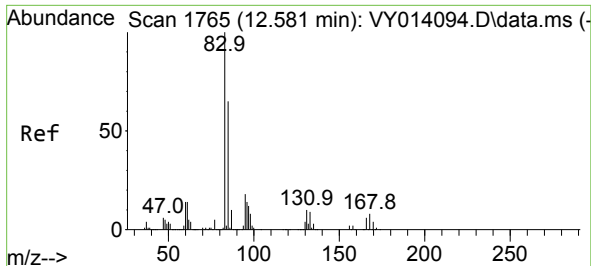
43 100

70 47.2 29.7 44.5#

55 27.5 18.3 27.5

61 27.5 17.5 26.3#

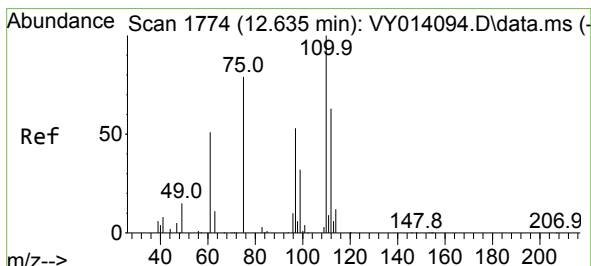
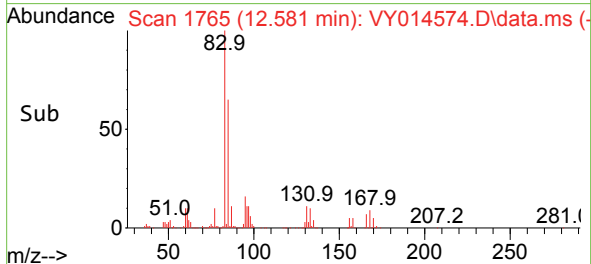
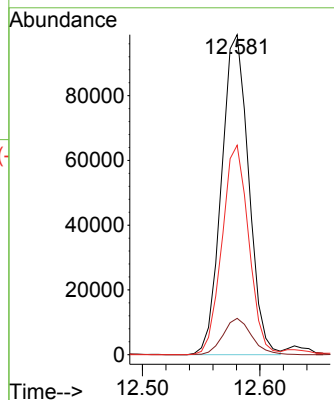
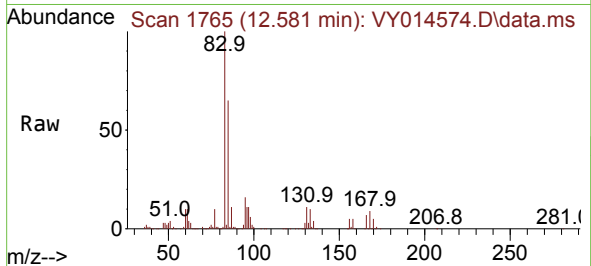




#75
1,1,2,2-Tetrachloroethane
Concen: 41.716 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY014574.D
Acq: 05 Jul 2023 21:28

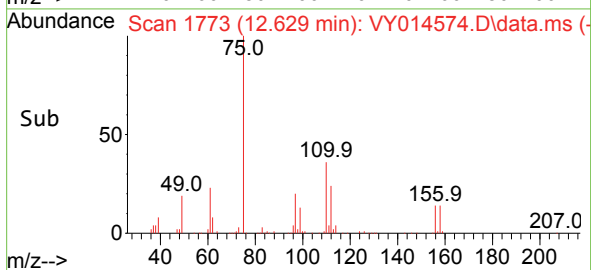
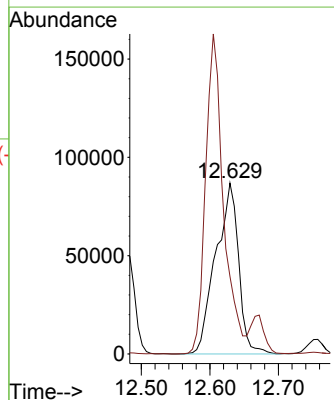
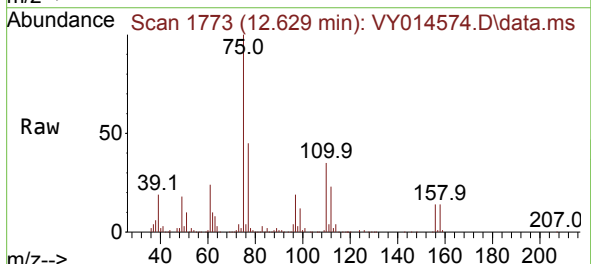
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

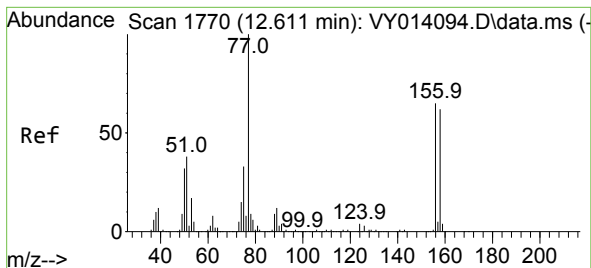
Tgt Ion: 83 Resp: 159078
Ion Ratio Lower Upper
83 100
131 11.9 5.4 16.2
85 64.4 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 75.626 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY014574.D
Acq: 05 Jul 2023 21:28

Tgt Ion: 75 Resp: 201353
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.233 ug/l

RT: 12.605 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014574.D

Acq: 05 Jul 2023 21:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

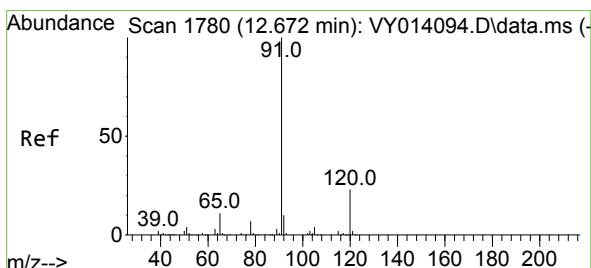
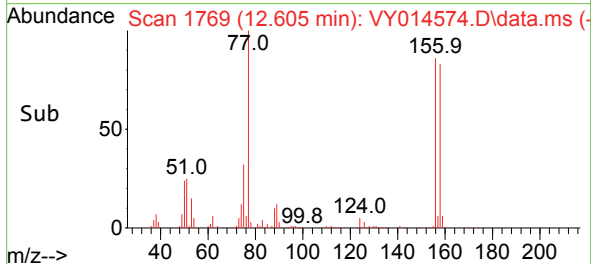
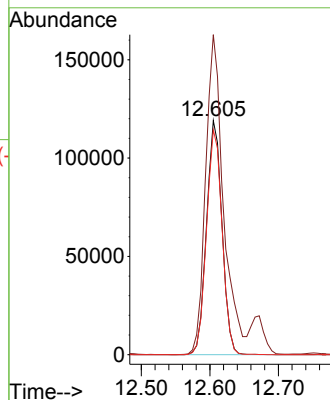
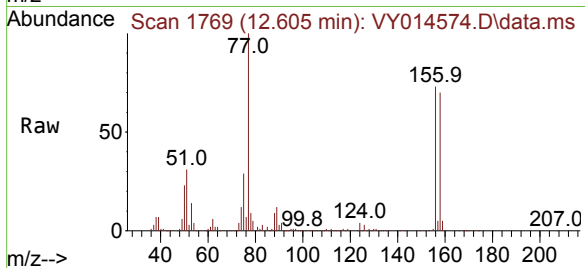
Tgt Ion:156 Resp: 187642

Ion Ratio Lower Upper

156 100

77 158.2 92.8 278.6

158 97.1 48.4 145.3



#78

n-propylbenzene

Concen: 43.896 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY014574.D

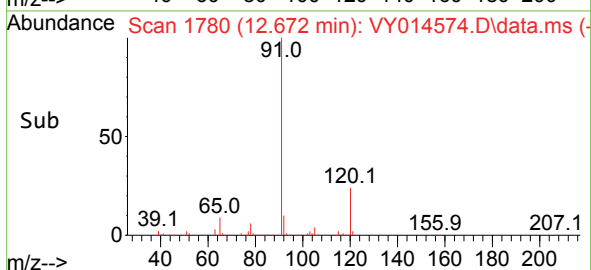
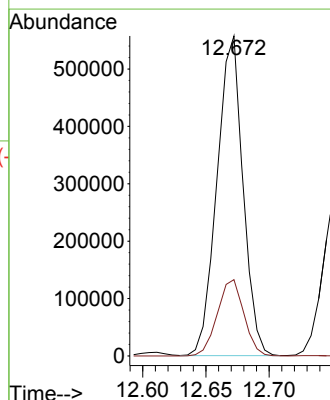
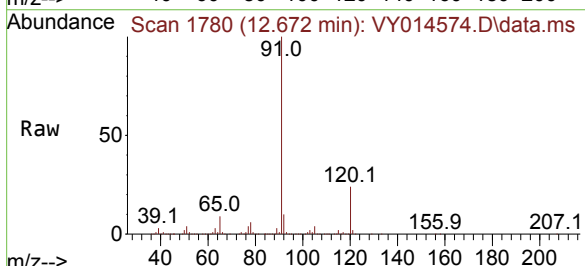
Acq: 05 Jul 2023 21:28

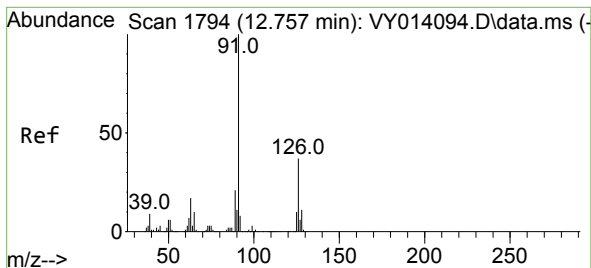
Tgt Ion: 91 Resp: 795685

Ion Ratio Lower Upper

91 100

120 24.4 11.5 34.4

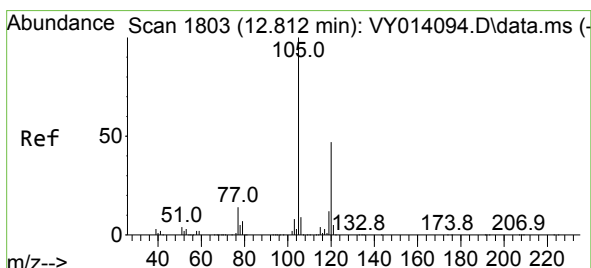
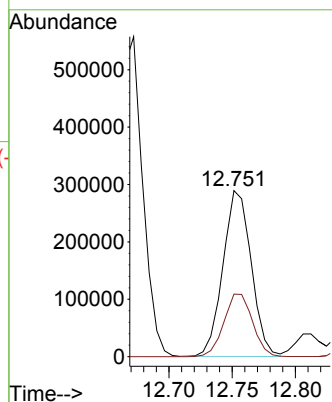
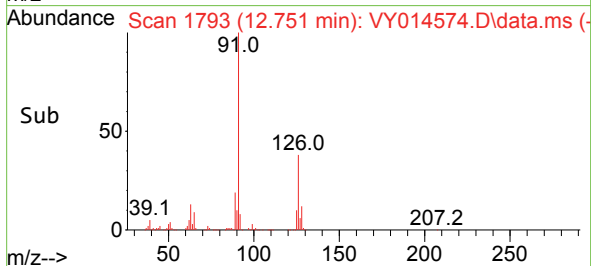
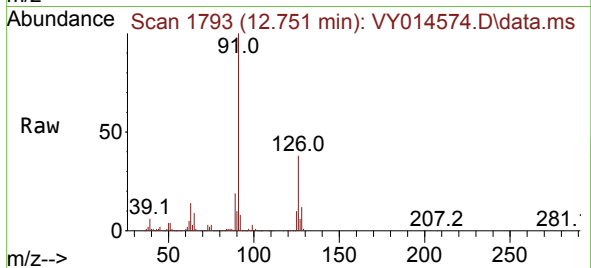




#79
2-Chlorotoluene
Concen: 43.096 ug/l
RT: 12.751 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014574.D
Acq: 05 Jul 2023 21:28

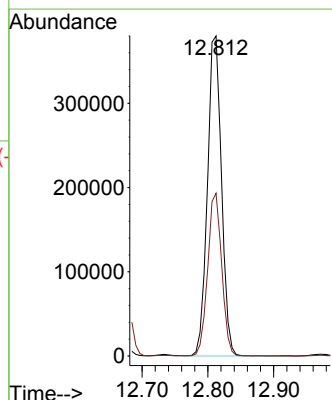
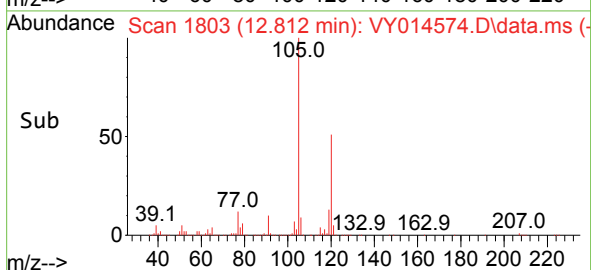
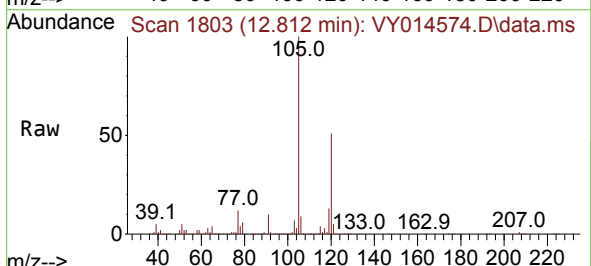
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

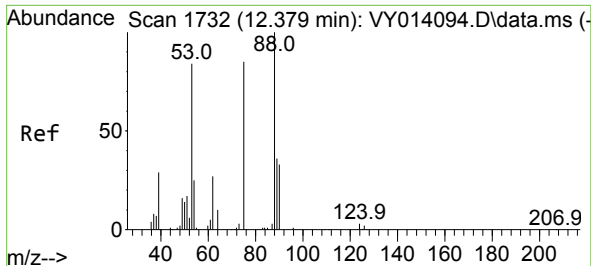
Tgt Ion: 91 Resp: 449567
Ion Ratio Lower Upper
91 100
126 38.3 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 44.927 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014574.D
Acq: 05 Jul 2023 21:28

Tgt Ion: 105 Resp: 565170
Ion Ratio Lower Upper
105 100
120 50.7 23.9 71.7

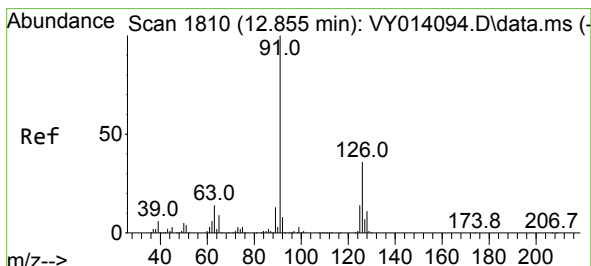
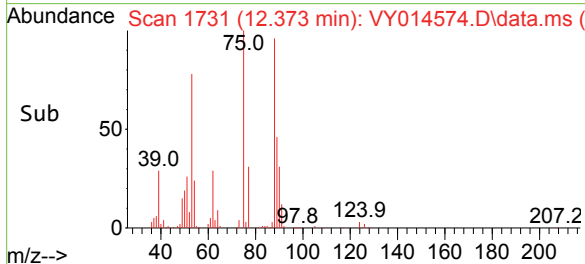
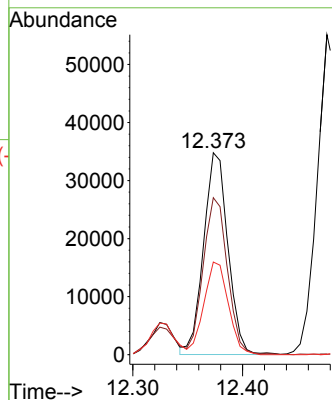
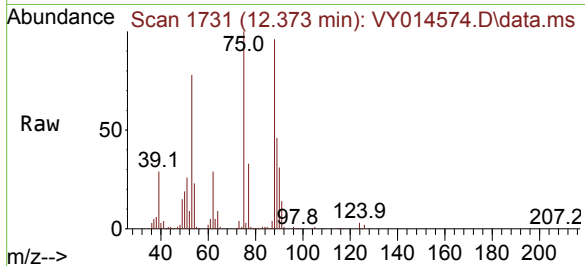




#81
trans-1,4-Dichloro-2-butene
Concen: 39.274 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY014574.D
Acq: 05 Jul 2023 21:28

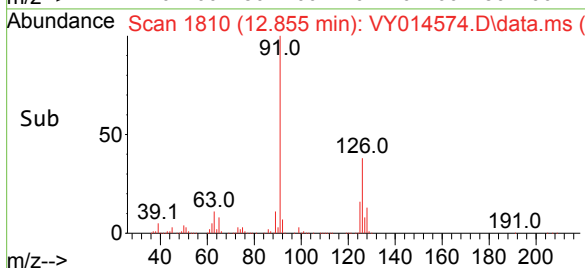
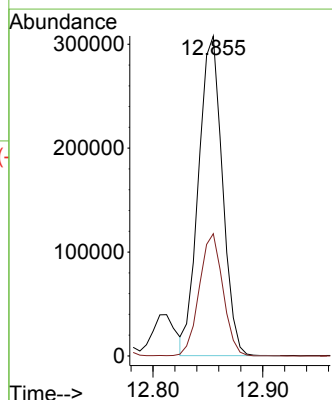
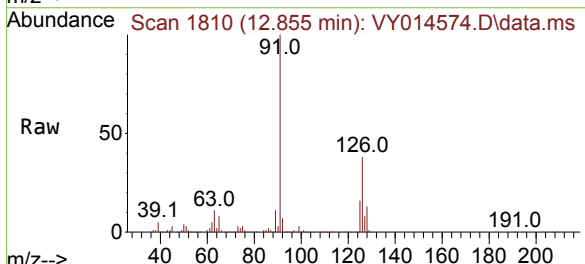
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

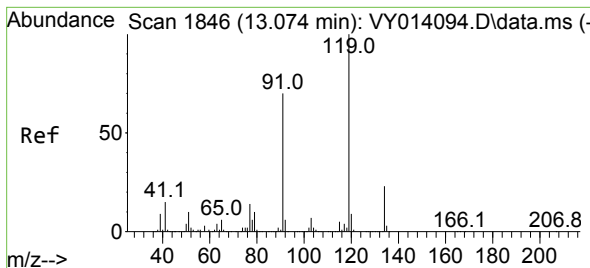
Tgt Ion: 75 Resp: 53723
Ion Ratio Lower Upper
75 100
53 77.6 77.8 116.8#
89 45.8 37.4 56.0



#82
4-Chlorotoluene
Concen: 42.569 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY014574.D
Acq: 05 Jul 2023 21:28

Tgt Ion: 91 Resp: 465221
Ion Ratio Lower Upper
91 100
126 37.8 17.2 51.6





#83

tert-Butylbenzene

Concen: 45.304 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY014574.D

Acq: 05 Jul 2023 21:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

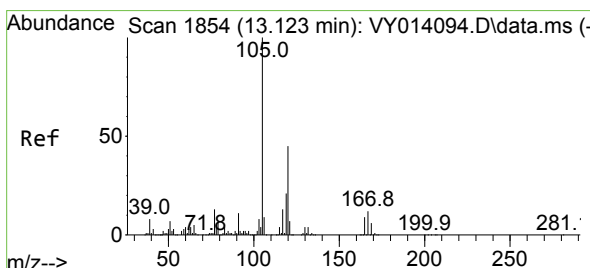
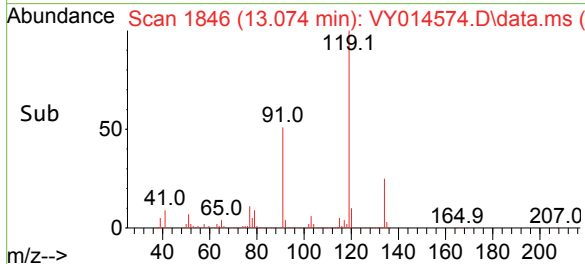
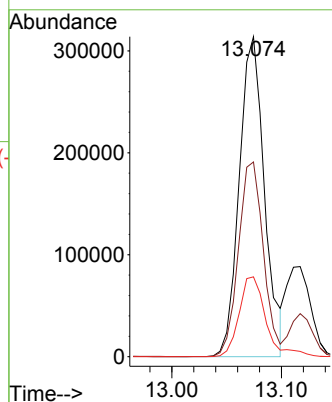
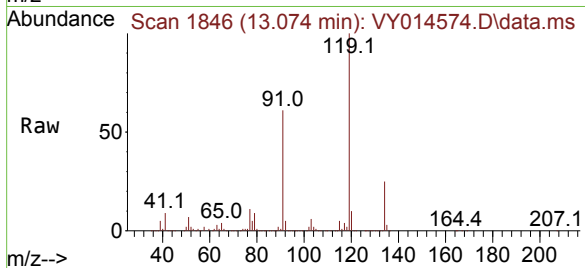
Tgt Ion:119 Resp: 500869

Ion Ratio Lower Upper

119 100

91 60.3 32.9 98.6

134 26.6 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 49.844 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY014574.D

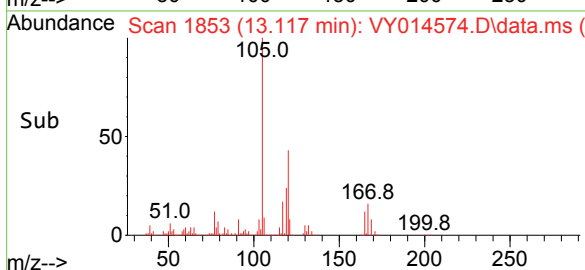
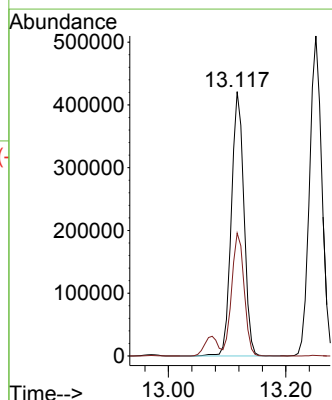
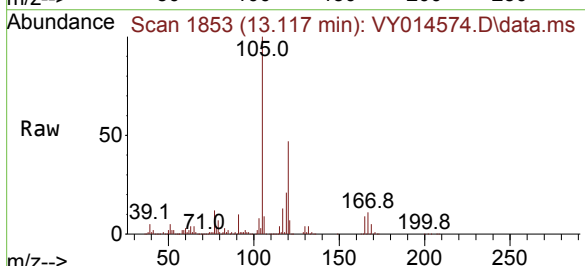
Acq: 05 Jul 2023 21:28

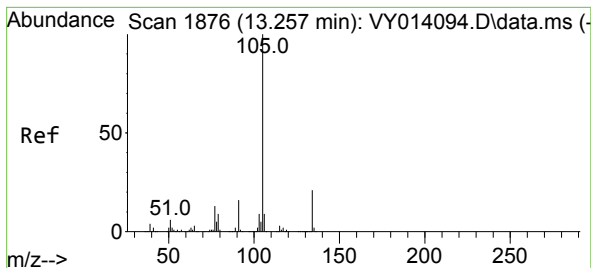
Tgt Ion:105 Resp: 625691

Ion Ratio Lower Upper

105 100

120 45.8 22.2 66.6





#85

sec-Butylbenzene

Concen: 45.426 ug/l

RT: 13.251 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VY014574.D

Acq: 05 Jul 2023 21:28

Instrument :

MSVOA_Y

ClientSampleId :

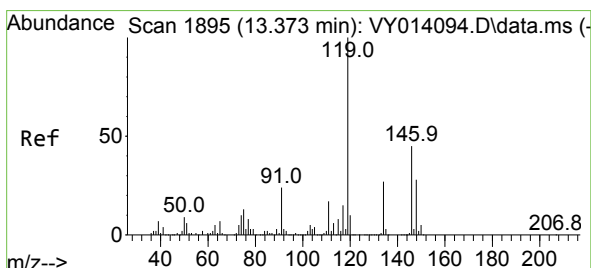
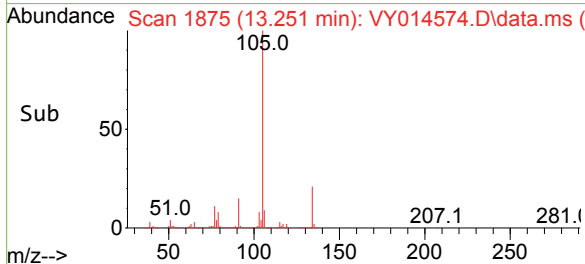
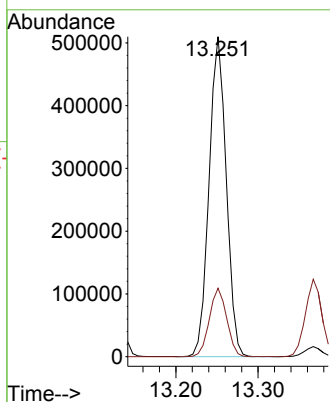
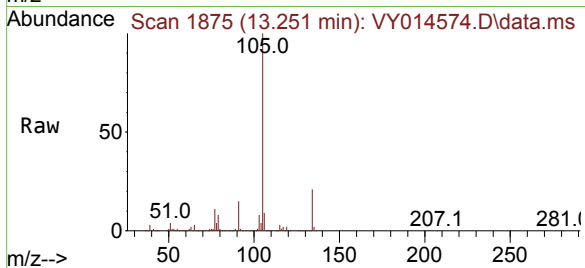
VSTDCCC050EC

Tgt Ion:105 Resp: 741094

Ion Ratio Lower Upper

105 100

134 21.5 10.2 30.6



#86

p-Isopropyltoluene

Concen: 45.604 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY014574.D

Acq: 05 Jul 2023 21:28

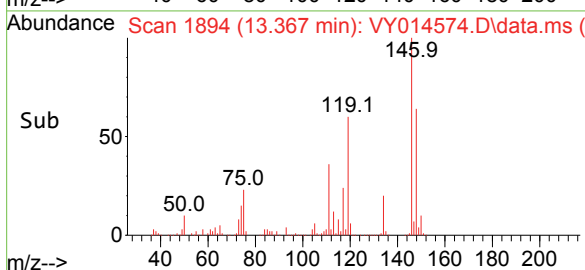
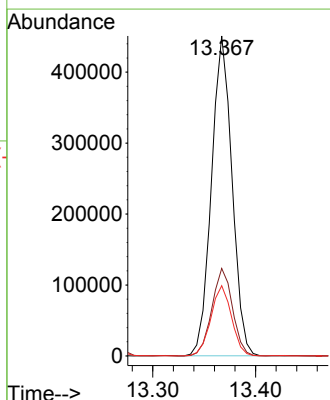
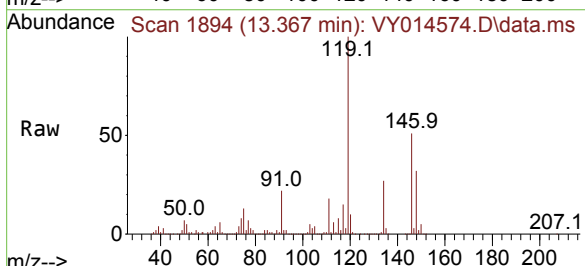
Tgt Ion:119 Resp: 626120

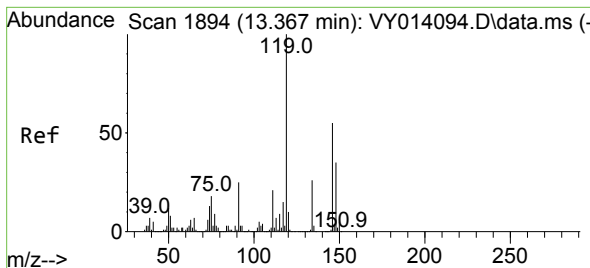
Ion Ratio Lower Upper

119 100

134 27.5 13.3 39.8

91 22.0 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 45.358 ug/l

RT: 13.361 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY014574.D

Acq: 05 Jul 2023 21:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

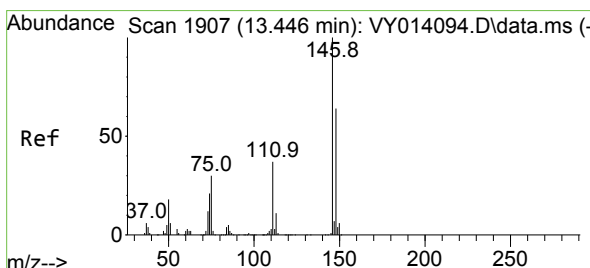
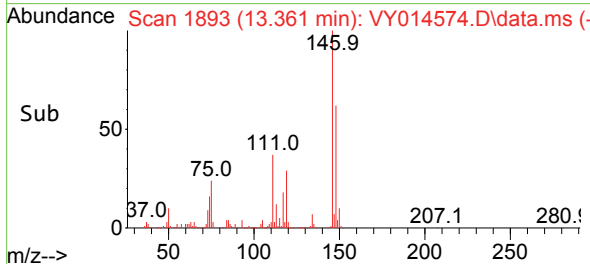
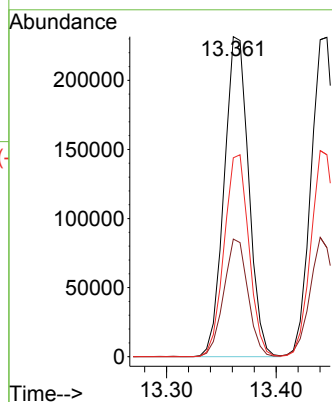
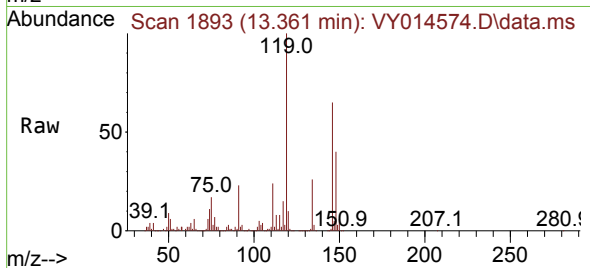
Tgt Ion:146 Resp: 359942

Ion Ratio Lower Upper

146 100

111 36.2 19.4 58.2

148 63.6 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 46.440 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY014574.D

Acq: 05 Jul 2023 21:28

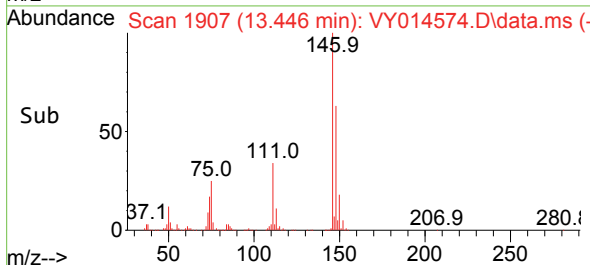
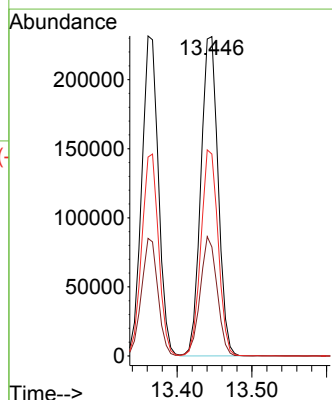
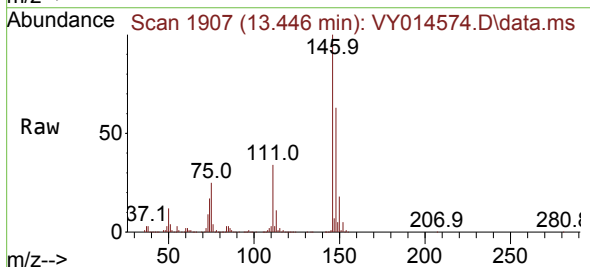
Tgt Ion:146 Resp: 369326

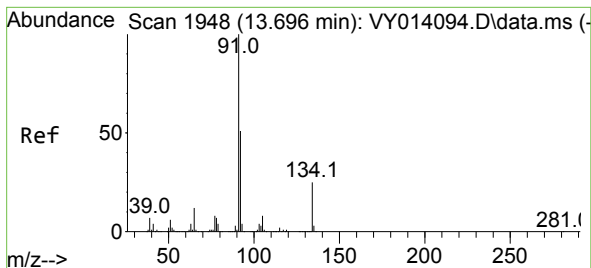
Ion Ratio Lower Upper

146 100

111 36.5 18.9 56.7

148 64.6 32.1 96.5





#89

n-Butylbenzene

Concen: 41.564 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY014574.D

Acq: 05 Jul 2023 21:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

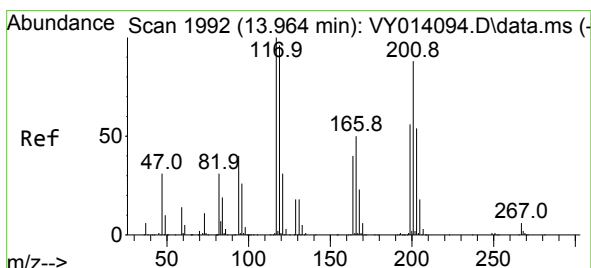
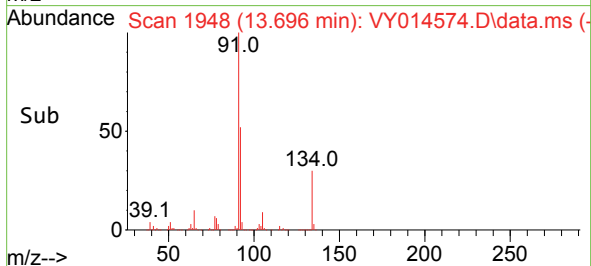
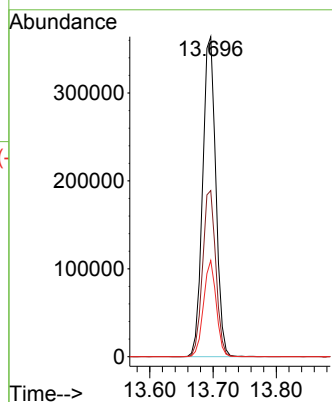
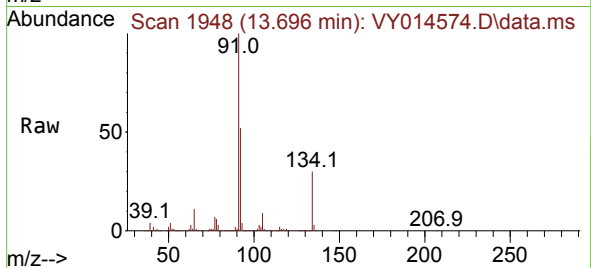
Tgt Ion: 91 Resp: 527370

Ion Ratio Lower Upper

91 100

92 52.4 25.4 76.0

134 29.0 12.6 37.6



#90

Hexachloroethane

Concen: 43.990 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.006 min

Lab File: VY014574.D

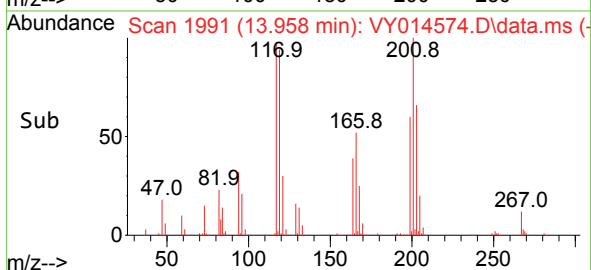
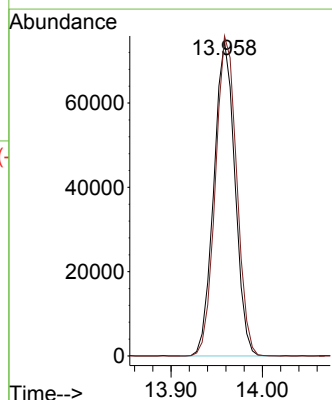
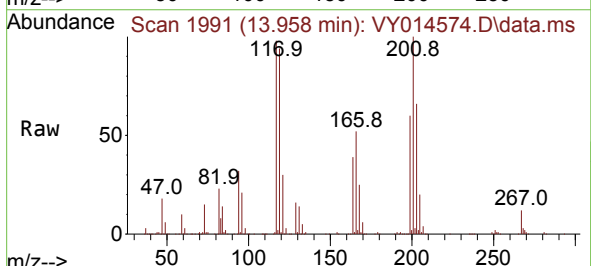
Acq: 05 Jul 2023 21:28

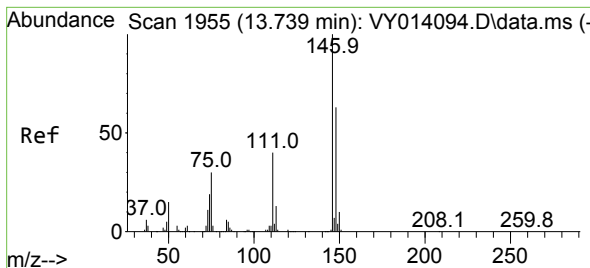
Tgt Ion: 117 Resp: 119636

Ion Ratio Lower Upper

117 100

201 102.4 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 45.264 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY014574.D

Acq: 05 Jul 2023 21:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

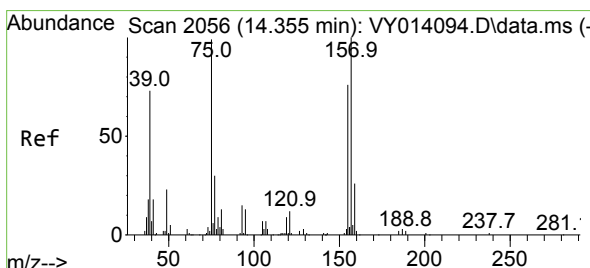
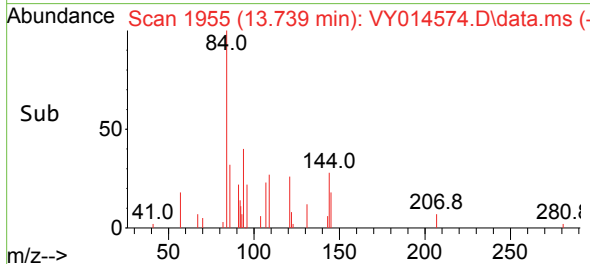
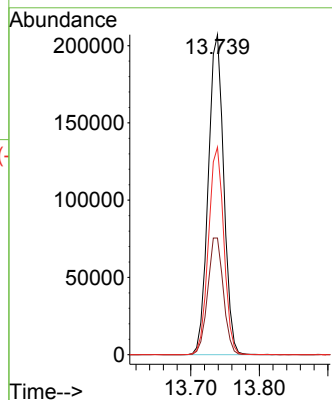
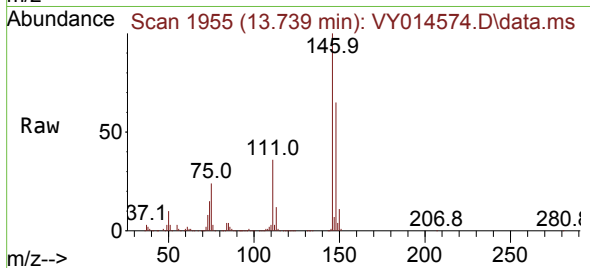
Tgt Ion:146 Resp: 325359

Ion Ratio Lower Upper

146 100

111 37.0 19.7 59.0

148 64.3 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 41.017 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY014574.D

Acq: 05 Jul 2023 21:28

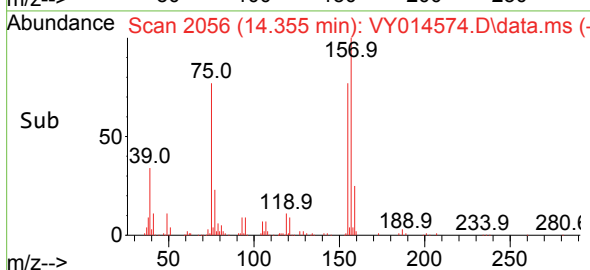
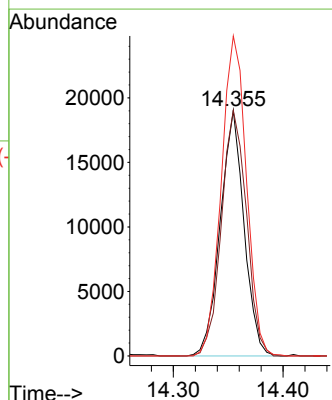
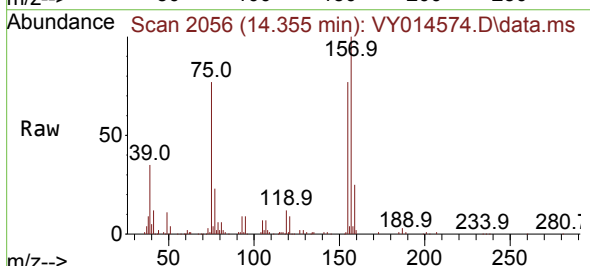
Tgt Ion: 75 Resp: 28636

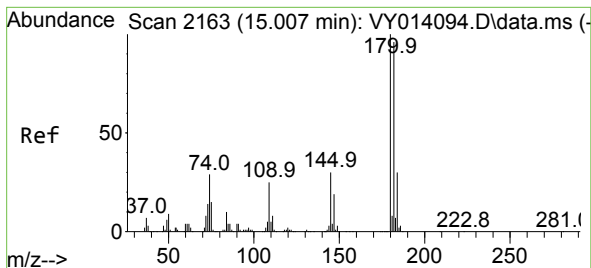
Ion Ratio Lower Upper

75 100

155 105.3 41.5 124.6

157 138.0 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 47.696 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY014574.D

Acq: 05 Jul 2023 21:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

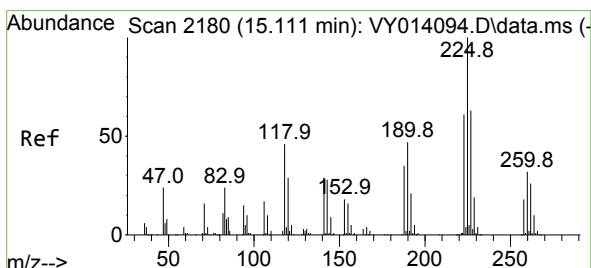
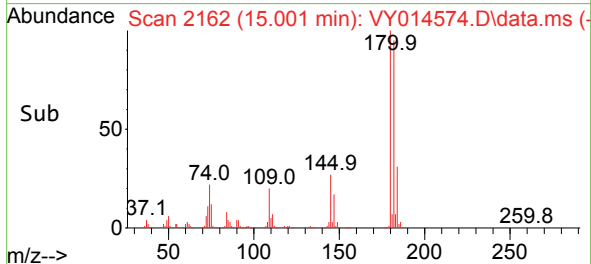
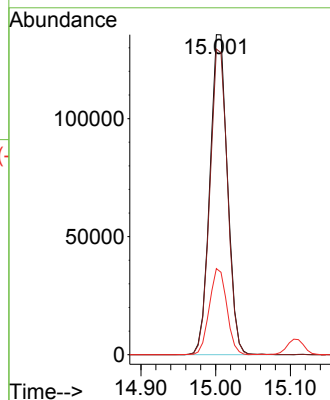
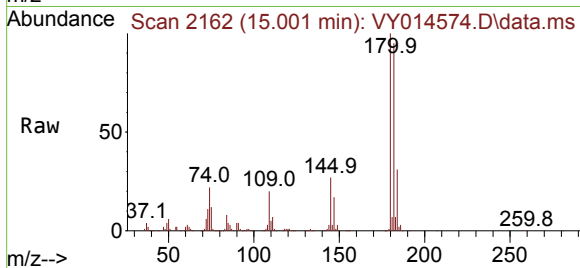
Tgt Ion:180 Resp: 221438

Ion Ratio Lower Upper

180 100

182 95.8 47.0 141.2

145 26.7 14.5 43.5



#94

Hexachlorobutadiene

Concen: 48.677 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014574.D

Acq: 05 Jul 2023 21:28

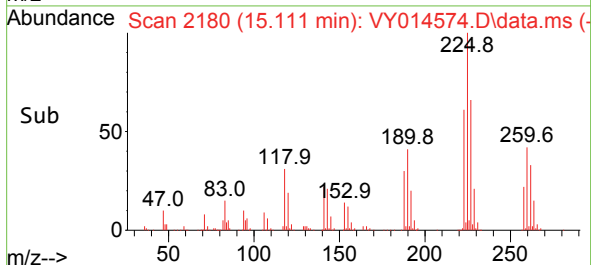
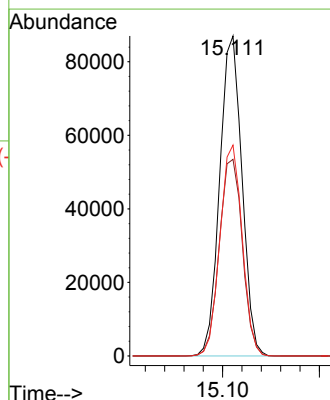
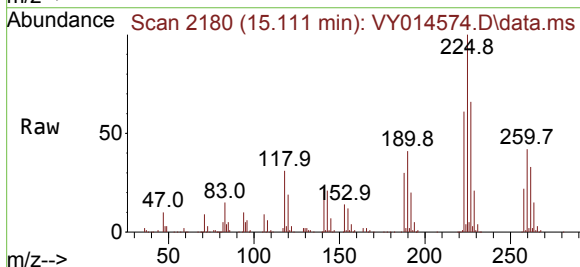
Tgt Ion:225 Resp: 138897

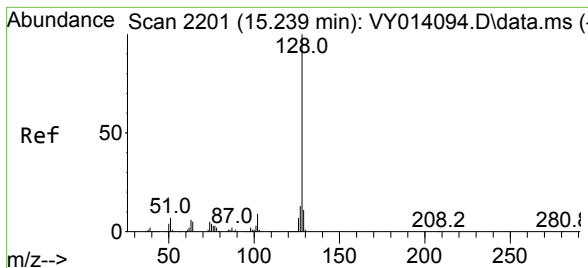
Ion Ratio Lower Upper

225 100

223 63.8 31.9 95.9

227 65.8 33.0 98.9





#95

Naphthalene

Concen: 46.918 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY014574.D

Acq: 05 Jul 2023 21:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

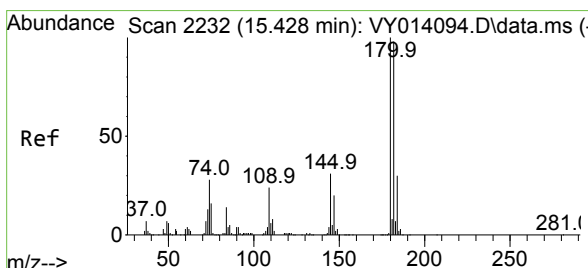
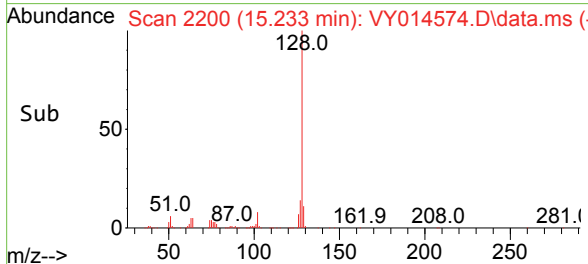
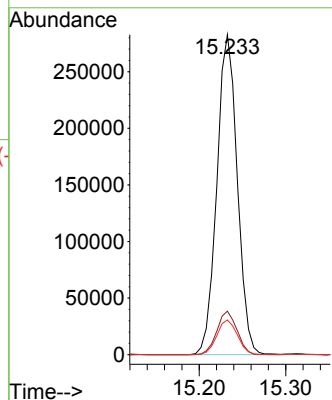
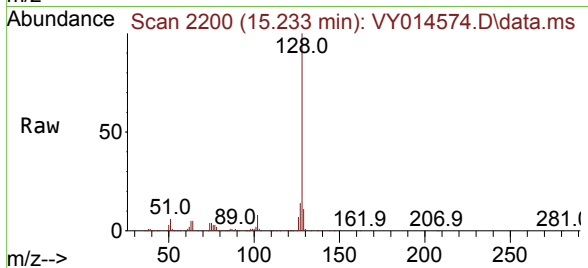
Tgt Ion:128 Resp: 463437

Ion Ratio Lower Upper

128 100

127 13.4 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 46.981 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY014574.D

Acq: 05 Jul 2023 21:28

Tgt Ion:180 Resp: 198742

Ion Ratio Lower Upper

180 100

182 95.7 47.3 141.8

145 28.4 15.4 46.2

