

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030824\
 Data File : VY017613.D
 Acq On : 08 Mar 2024 09:23
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 08 22:19:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	143506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	217008	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	191308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	98068	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	67192	49.404	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.800%
35) Dibromofluoromethane	7.722	113	78315	51.789	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.580%
50) Toluene-d8	10.185	98	293835	55.575	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.160%
62) 4-Bromofluorobenzene	12.489	95	93063	56.008	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	112.020%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	46262	43.702	ug/l	98
3) Chloromethane	2.119	50	85240	44.071	ug/l	95
4) Vinyl Chloride	2.253	62	115914	46.714	ug/l	99
5) Bromomethane	2.656	94	94733	46.849	ug/l	98
6) Chloroethane	2.796	64	77524	49.525	ug/l	99
7) Trichlorofluoromethane	3.125	101	116285	45.981	ug/l	97
8) Diethyl Ether	3.528	74	37488	50.541	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.900	101	72033	49.519	ug/l	99
10) Methyl Iodide	4.095	142	85575	52.420	ug/l	100
11) Tert butyl alcohol	4.954	59	23194	200.766	ug/l #	80
12) 1,1-Dichloroethene	3.875	96	69174	51.027	ug/l	94
13) Acrolein	3.735	56	32111	210.654	ug/l	100
14) Allyl chloride	4.485	41	81251	49.603	ug/l	97
15) Acrylonitrile	5.168	53	75563	247.816	ug/l	100
16) Acetone	3.948	43	75555	286.416	ug/l	93
17) Carbon Disulfide	4.198	76	208174	51.160	ug/l	97
18) Methyl Acetate	4.485	43	32799	51.250	ug/l	98
19) Methyl tert-butyl Ether	5.229	73	159735	50.553	ug/l	100
20) Methylene Chloride	4.723	84	84044	54.747	ug/l	98
21) trans-1,2-Dichloroethene	5.222	96	81425	51.299	ug/l	96
22) Diisopropyl ether	6.125	45	194201	51.378	ug/l	97
23) Vinyl Acetate	6.064	43	581909	258.351	ug/l	99
24) 1,1-Dichloroethane	6.027	63	130493	50.533	ug/l	99
25) 2-Butanone	6.990	43	98028	260.754	ug/l	100
26) 2,2-Dichloropropane	6.990	77	111488	51.350	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	91802	51.512	ug/l	98
28) Bromochloromethane	7.338	49	56102	55.163	ug/l	96
29) Tetrahydrofuran	7.356	42	56689	250.150	ug/l	98
30) Chloroform	7.515	83	138661	50.434	ug/l	99
31) Cyclohexane	7.789	56	108977	49.236	ug/l	99
32) 1,1,1-Trichloroethane	7.710	97	120524	50.493	ug/l	99
36) 1,1-Dichloropropene	7.923	75	107609	52.743	ug/l	99
37) Ethyl Acetate	7.082	43	40025	49.669	ug/l	98
38) Carbon Tetrachloride	7.905	117	109091	53.350	ug/l	99
39) Methylcyclohexane	9.191	83	133986	54.645	ug/l	99
40) Benzene	8.167	78	316237	52.193	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	52688	130.295	ug/l	# 15
42) 1,2-Dichloroethane	8.240	62	76364	51.656	ug/l	99
43) Isopropyl Acetate	8.277	43	73528	51.925	ug/l	100
44) Trichloroethene	8.947	130	89057	50.995	ug/l	99
45) 1,2-Dichloropropane	9.222	63	75077	52.081	ug/l	99
46) Dibromomethane	9.313	93	42875	51.970	ug/l	97
47) Bromodichloromethane	9.502	83	104918	52.377	ug/l	98
48) Methyl methacrylate	9.301	41	34021	51.904	ug/l	95
49) 1,4-Dioxane	9.307	88	9560	1023.930	ug/l	# 98
51) 4-Methyl-2-Pentanone	10.075	43	206100	261.148	ug/l	99
52) Toluene	10.252	92	202904	53.121	ug/l	99
53) t-1,3-Dichloropropene	10.472	75	98859	53.171	ug/l	95
54) cis-1,3-Dichloropropene	9.935	75	120104	53.163	ug/l	99
55) 1,1,2-Trichloroethane	10.654	97	60108	51.316	ug/l	97
56) Ethyl methacrylate	10.520	69	71696	49.767	ug/l	97
57) 1,3-Dichloropropane	10.801	76	97292	51.087	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	188946	279.539	ug/l	99
59) 2-Hexanone	10.837	43	152265	280.886	ug/l	99
60) Dibromochloromethane	10.996	129	73542	53.072	ug/l	99
61) 1,2-Dibromoethane	11.099	107	57473	53.244	ug/l	97
64) Tetrachloroethene	10.728	164	88036	47.944	ug/l	99
65) Chlorobenzene	11.526	112	214410	52.802	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.599	131	80086	52.645	ug/l	99
67) Ethyl Benzene	11.599	91	381389	53.555	ug/l	99
68) m/p-Xylenes	11.709	106	304137	108.687	ug/l	98
69) o-Xylene	12.038	106	140148	53.985	ug/l	99
70) Styrene	12.051	104	233017	54.074	ug/l	99
71) Bromoform	12.215	173	45012	53.395	ug/l	# 98
73) Isopropylbenzene	12.337	105	371287	50.960	ug/l	100
74) N-amyl acetate	12.154	43	64489	50.185	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.593	83	65397	52.270	ug/l	100
76) 1,2,3-Trichloropropane	12.642	75	79657	85.488	ug/l	# 100
77) Bromobenzene	12.617	156	87421	49.547	ug/l	95
78) n-propylbenzene	12.678	91	451953	51.698	ug/l	99
79) 2-Chlorotoluene	12.764	91	243850	49.821	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	301893	51.719	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	20945	51.650	ug/l	95
82) 4-Chlorotoluene	12.861	91	248066	49.551	ug/l	98
83) tert-Butylbenzene	13.081	119	270685	52.809	ug/l	97
84) 1,2,4-Trimethylbenzene	13.130	105	300098	52.076	ug/l	100
85) sec-Butylbenzene	13.264	105	407257	51.968	ug/l	99
86) p-Isopropyltoluene	13.380	119	342050	53.319	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	177459	50.108	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	173948	50.521	ug/l	99
89) n-Butylbenzene	13.703	91	313506	53.564	ug/l	100
90) Hexachloroethane	13.971	117	65919	51.254	ug/l	97
91) 1,2-Dichlorobenzene	13.745	146	151474	50.565	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	8425	47.900	ug/l	95
93) 1,2,4-Trichlorobenzene	15.013	180	86928	54.938	ug/l	99
94) Hexachlorobutadiene	15.117	225	52735	53.981	ug/l	98
95) Naphthalene	15.245	128	148829	48.656	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	74108	54.595	ug/l	99

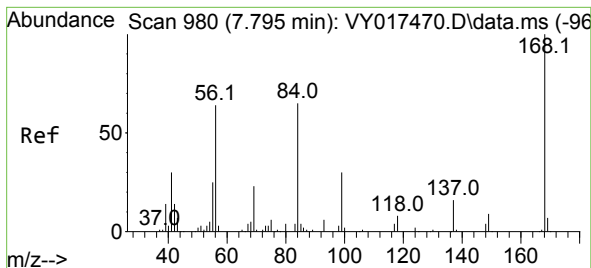
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY017613.D

Acq: 08 Mar 2024 09:23

Instrument :

MSVOA_Y

ClientSampleId :

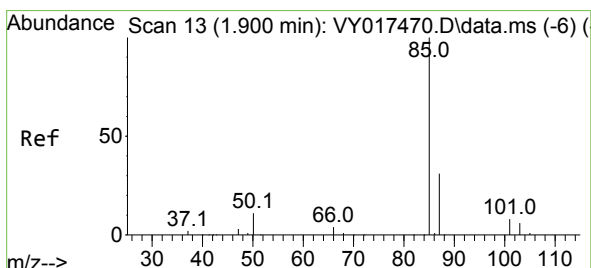
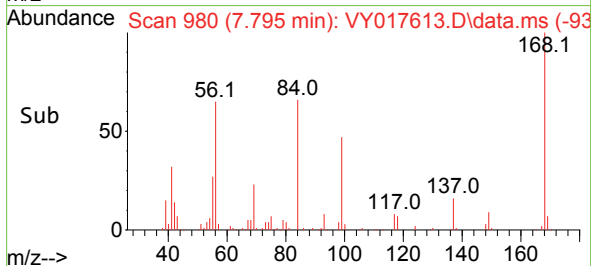
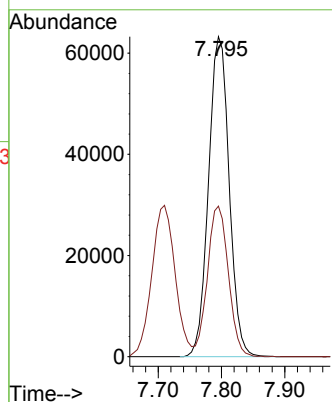
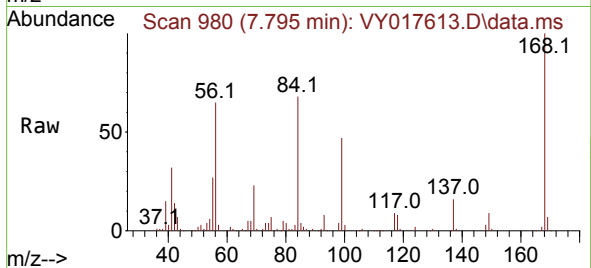
VSTDCCC050

Tgt Ion:168 Resp: 143506

Ion Ratio Lower Upper

168 100

99 47.1 39.1 58.7



#2

Dichlorodifluoromethane

Concen: 43.702 ug/l

RT: 1.906 min Scan# 14

Delta R.T. 0.006 min

Lab File: VY017613.D

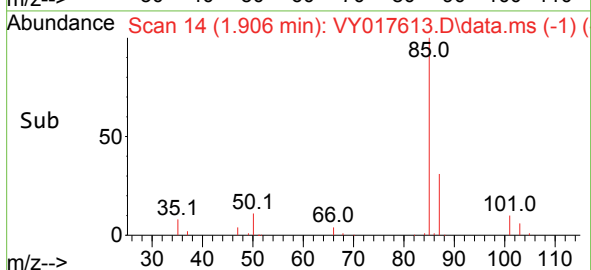
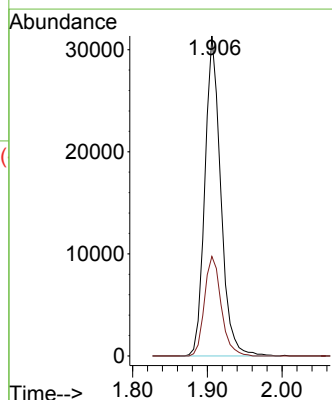
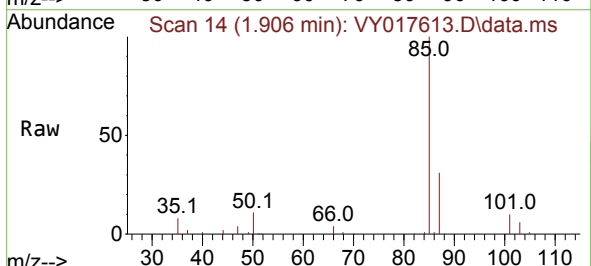
Acq: 08 Mar 2024 09:23

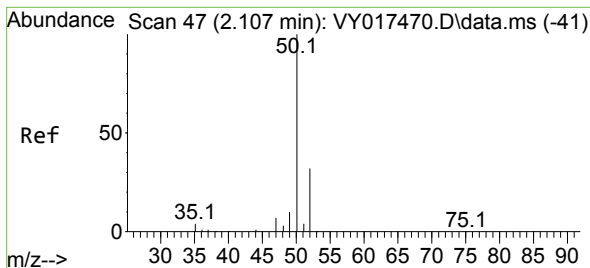
Tgt Ion: 85 Resp: 46262

Ion Ratio Lower Upper

85 100

87 31.1 16.0 48.0





#3

Chloromethane

Concen: 44.071 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.012 min

Lab File: VY017613.D

Acq: 08 Mar 2024 09:23

Instrument :

MSVOA_Y

ClientSampleId :

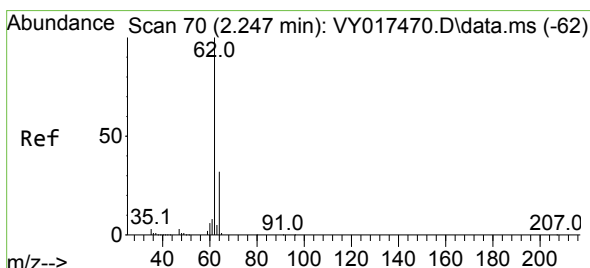
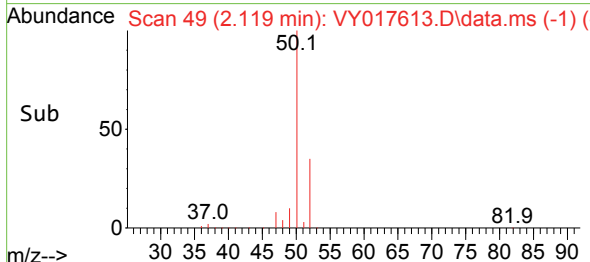
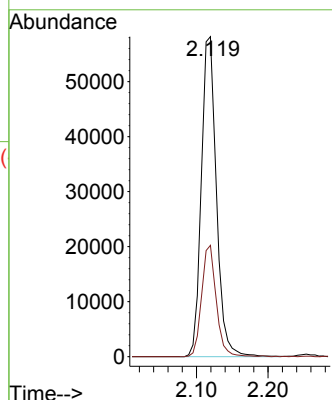
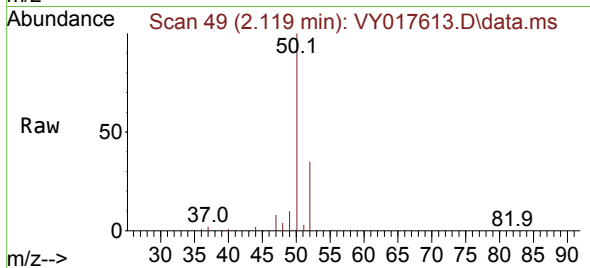
VSTDCCC050

Tgt Ion: 50 Resp: 85240

Ion Ratio Lower Upper

50 100

52 34.8 25.6 38.4



#4

Vinyl Chloride

Concen: 46.714 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.006 min

Lab File: VY017613.D

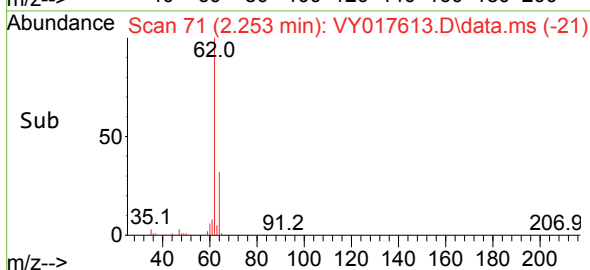
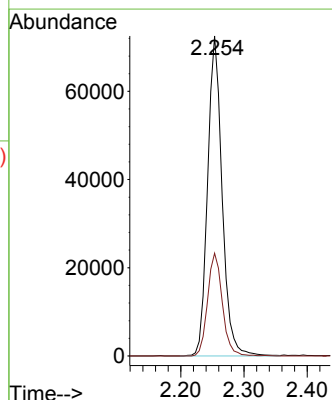
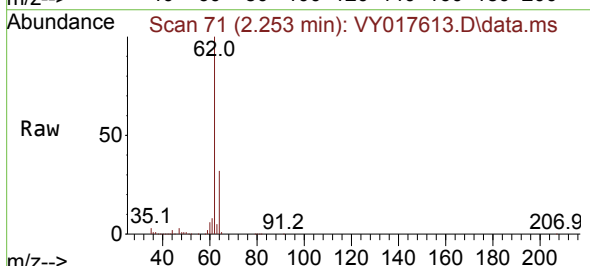
Acq: 08 Mar 2024 09:23

Tgt Ion: 62 Resp: 115914

Ion Ratio Lower Upper

62 100

64 32.1 26.1 39.1

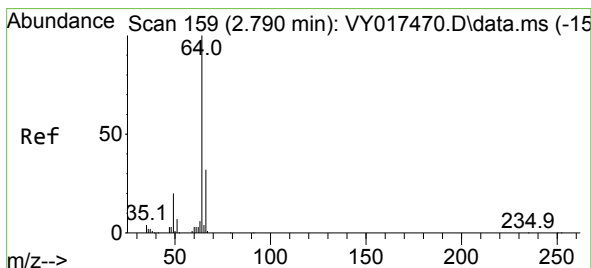
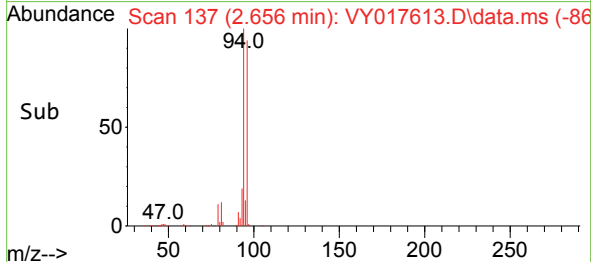
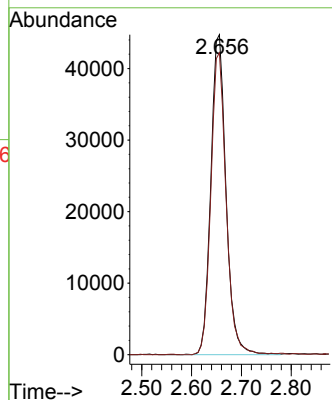
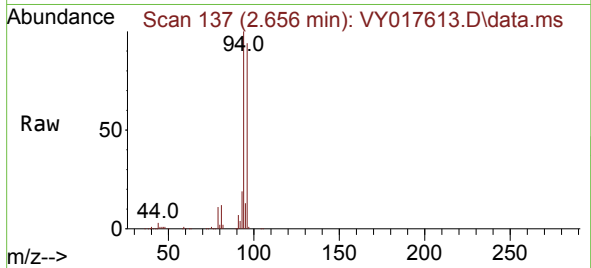




#5
Bromomethane
Concen: 46.849 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017613.D
Acq: 08 Mar 2024 09:23

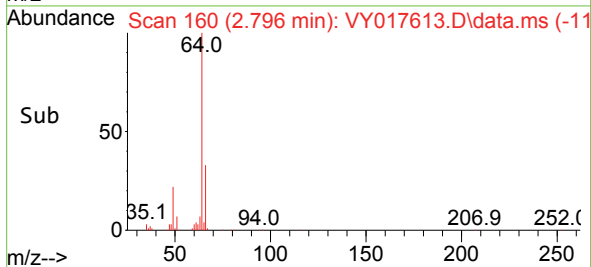
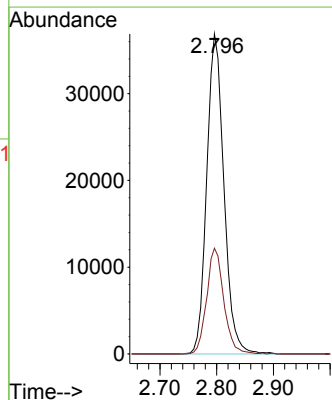
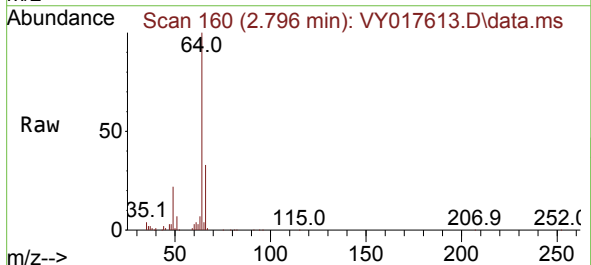
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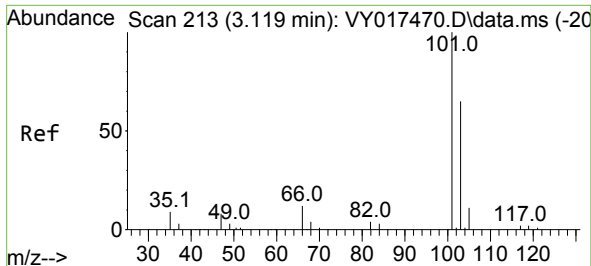
Tgt Ion: 94 Resp: 94733
Ion Ratio Lower Upper
94 100
96 94.3 74.1 111.1



#6
Chloroethane
Concen: 49.525 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY017613.D
Acq: 08 Mar 2024 09:23

Tgt Ion: 64 Resp: 77524
Ion Ratio Lower Upper
64 100
66 33.0 26.1 39.1

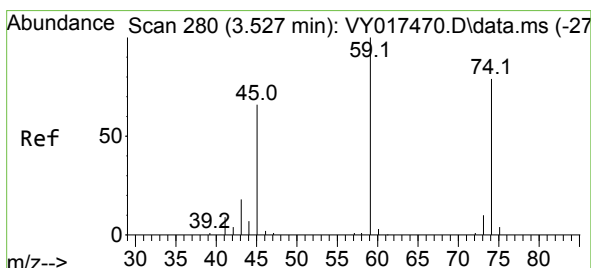
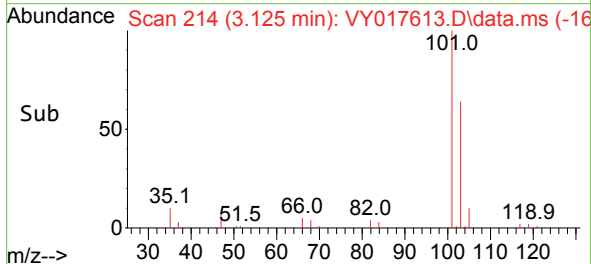
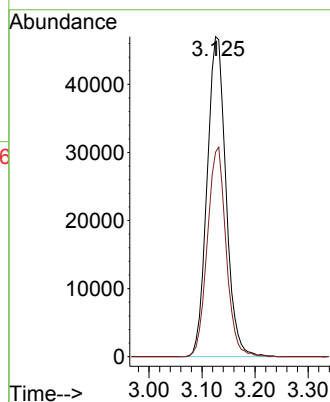
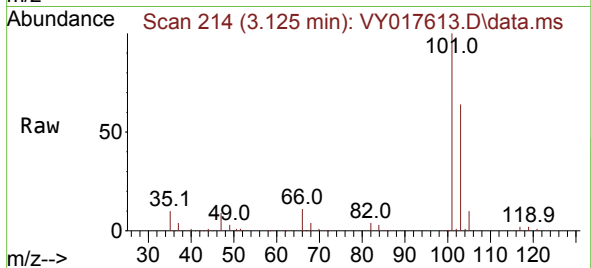




#7
 Trichlorofluoromethane
 Concen: 45.981 ug/l
 RT: 3.125 min Scan# 213
 Delta R.T. 0.006 min
 Lab File: VY017613.D
 Acq: 08 Mar 2024 09:23

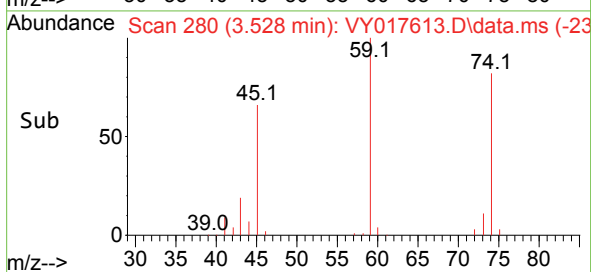
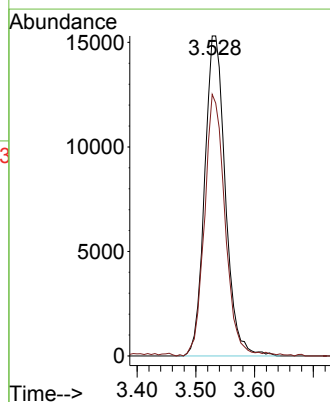
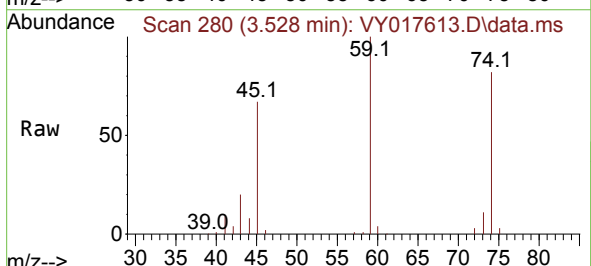
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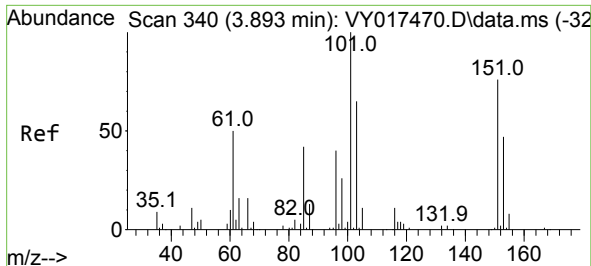
Tgt Ion:101 Resp: 116285
 Ion Ratio Lower Upper
 101 100
 103 63.9 49.3 73.9



#8
 Diethyl Ether
 Concen: 50.541 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY017613.D
 Acq: 08 Mar 2024 09:23

Tgt Ion: 74 Resp: 37488
 Ion Ratio Lower Upper
 74 100
 45 81.4 41.3 124.1

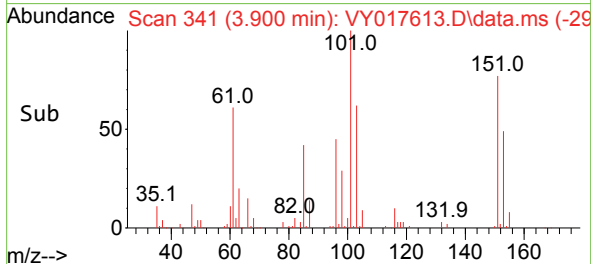
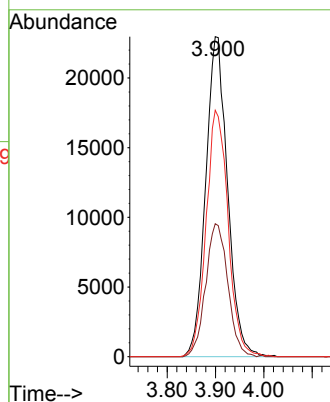
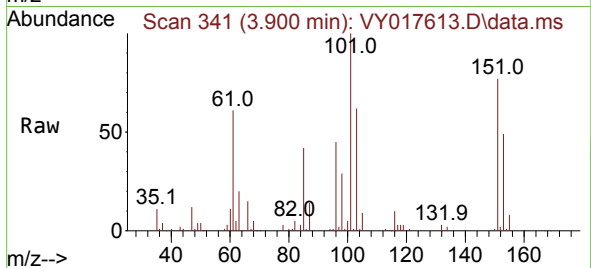




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.519 ug/l
RT: 3.900 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY017613.D
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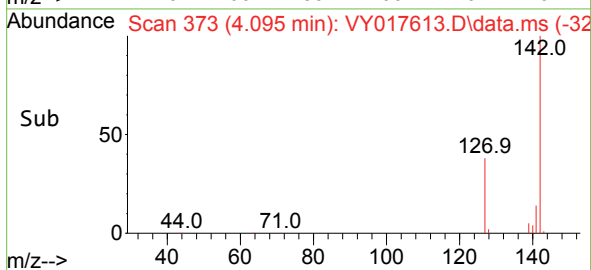
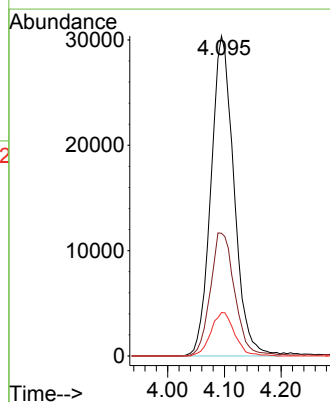
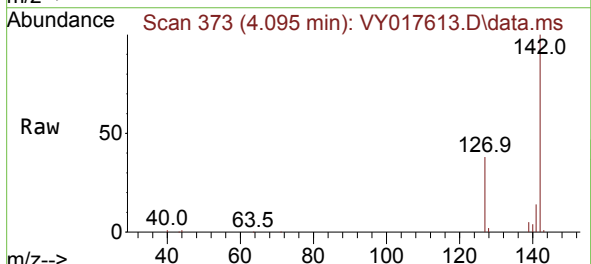
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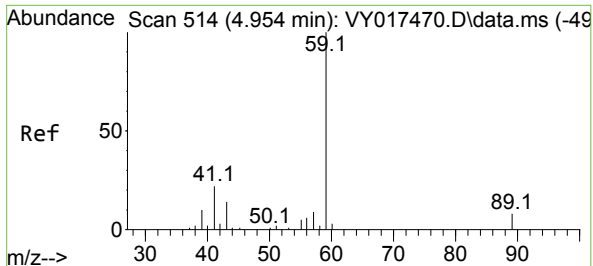
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Ion Ratio Lower Upper
101 100
85 42.2 34.5 51.7
151 77.7 61.7 92.5



#10
Methyl Iodide
Concen: 52.420 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY017613.D
Acq: 08 Mar 2024 09:23

Tgt Ion:142 Resp: 85575
Ion Ratio Lower Upper
142 100
127 40.9 32.8 49.2
141 14.0 11.4 17.2





#11

Tert butyl alcohol

Concen: 200.766 ug/l

RT: 4.954 min Scan# 514

Delta R.T. 0.000 min

Lab File: VY017613.D

Acq: 08 Mar 2024 09:23

Instrument :

MSVOA_Y

ClientSampleId :

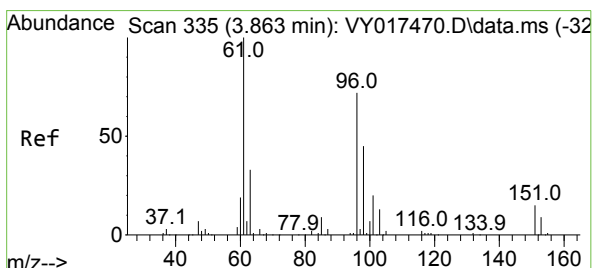
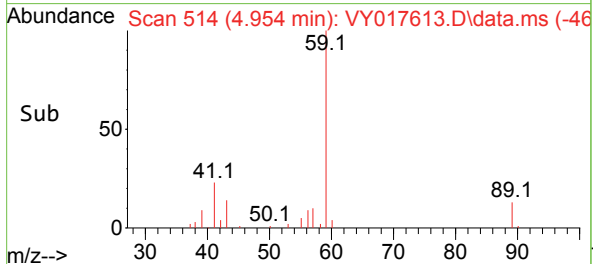
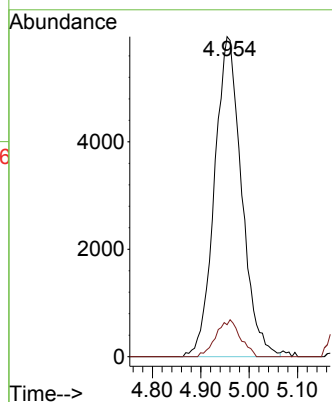
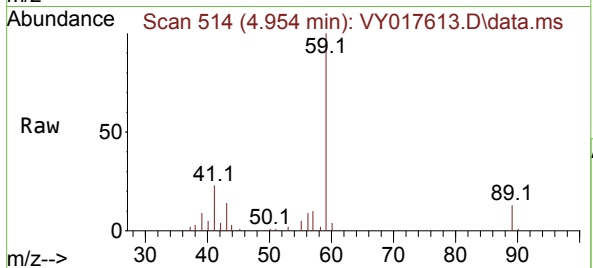
VSTDCCC050

Tgt Ion: 59 Resp: 23194

Ion Ratio Lower Upper

59 100

57 10.3 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 51.027 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.012 min

Lab File: VY017613.D

Acq: 08 Mar 2024 09:23

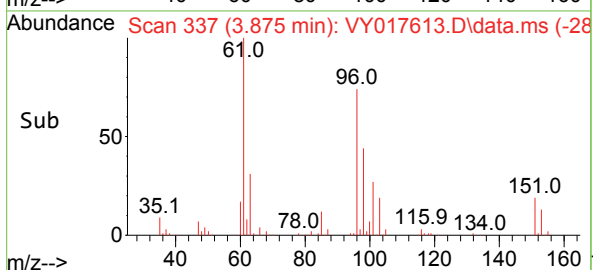
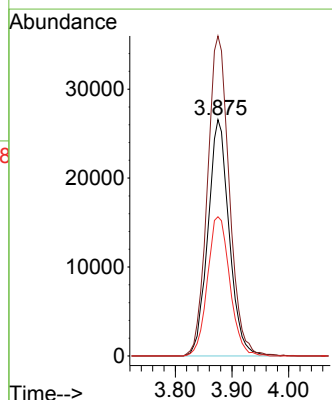
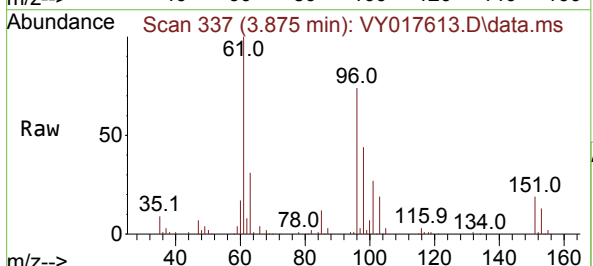
Tgt Ion: 96 Resp: 69174

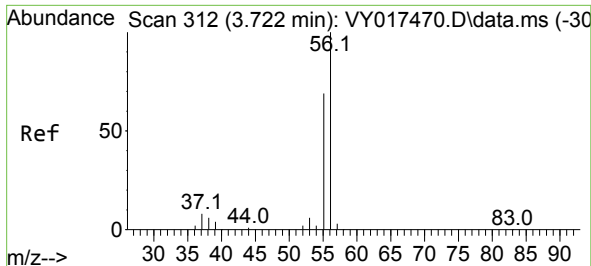
Ion Ratio Lower Upper

96 100

61 135.4 114.6 171.8

98 58.9 50.8 76.2





#13

Acrolein

Concen: 210.654 ug/l

RT: 3.735 min Scan# 31

Delta R.T. 0.012 min

Lab File: VY017613.D

Acq: 08 Mar 2024 09:23

Instrument :

MSVOA_Y

ClientSampleId :

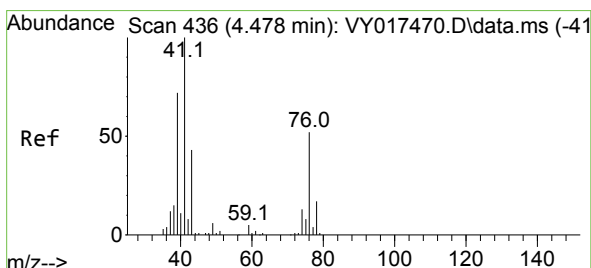
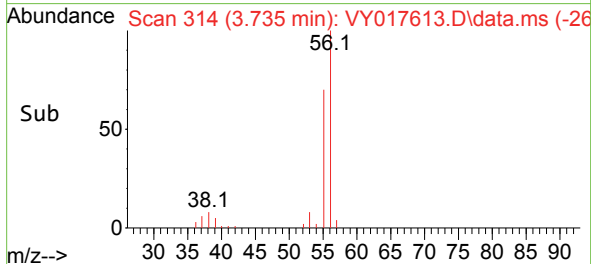
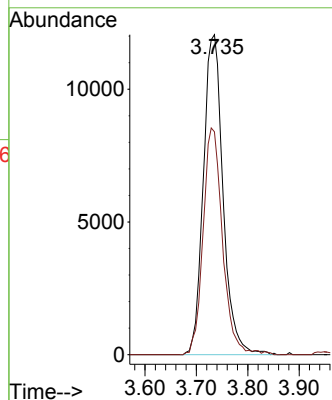
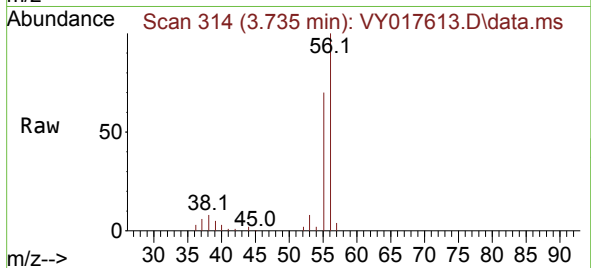
VSTDCCC050

Tgt Ion: 56 Resp: 32111

Ion Ratio Lower Upper

56 100

55 70.0 55.7 83.5



#14

Allyl chloride

Concen: 49.603 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY017613.D

Acq: 08 Mar 2024 09:23

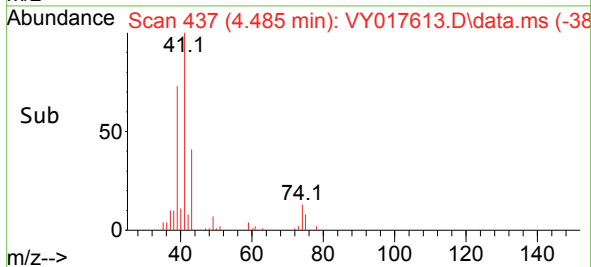
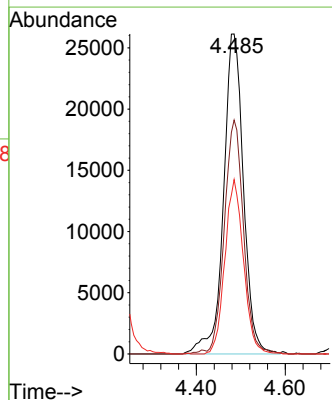
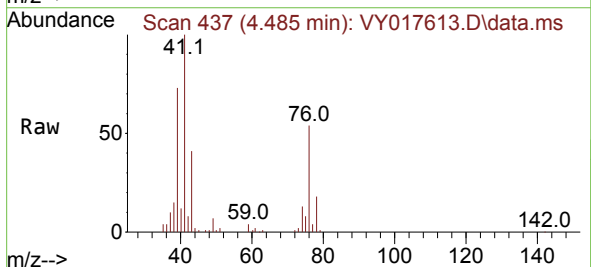
Tgt Ion: 41 Resp: 81251

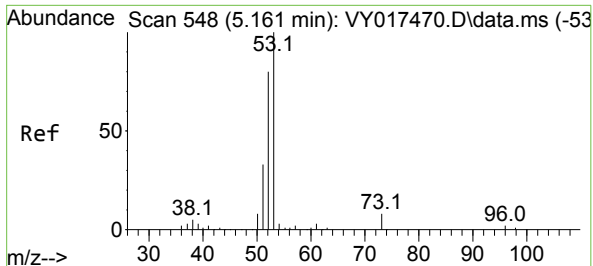
Ion Ratio Lower Upper

41 100

39 70.8 58.3 87.5

76 50.8 39.0 58.6





#15

Acrylonitrile

Concen: 247.816 ug/l

RT: 5.168 min Scan# 54

Delta R.T. 0.006 min

Lab File: VY017613.D

Acq: 08 Mar 2024 09:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

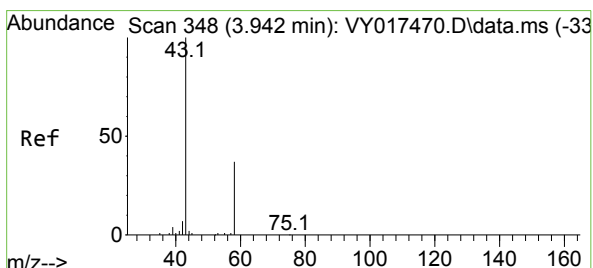
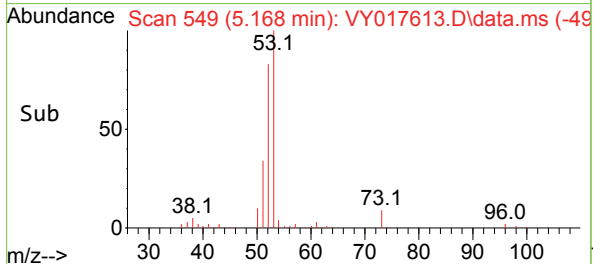
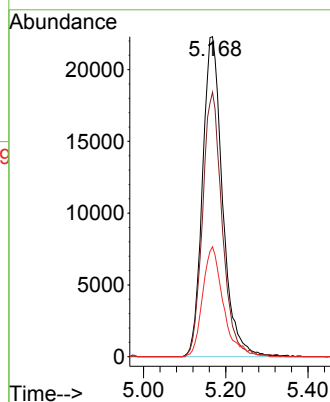
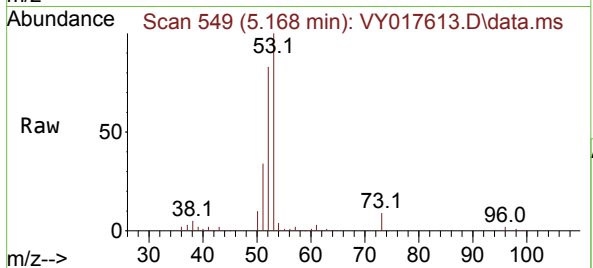
Tgt Ion: 53 Resp: 75563

Ion Ratio Lower Upper

53 100

52 81.1 64.7 97.1

51 35.5 28.4 42.6



#16

Acetone

Concen: 286.416 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.006 min

Lab File: VY017613.D

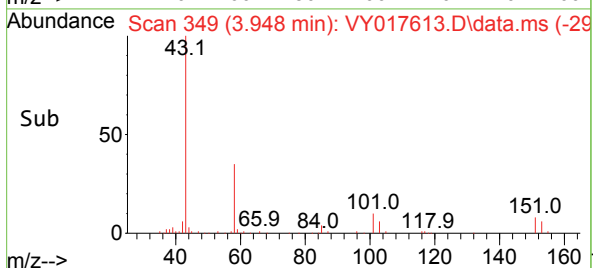
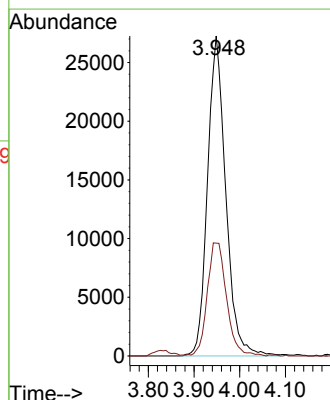
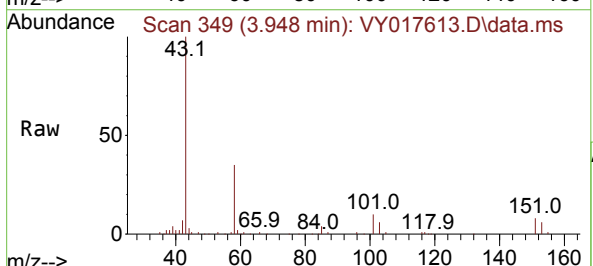
Acq: 08 Mar 2024 09:23

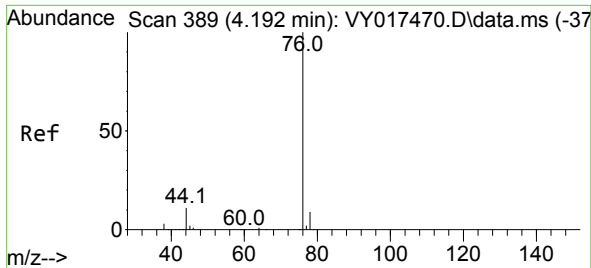
Tgt Ion: 43 Resp: 75555

Ion Ratio Lower Upper

43 100

58 35.2 31.7 47.5

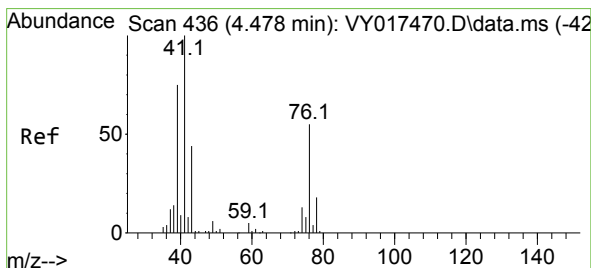
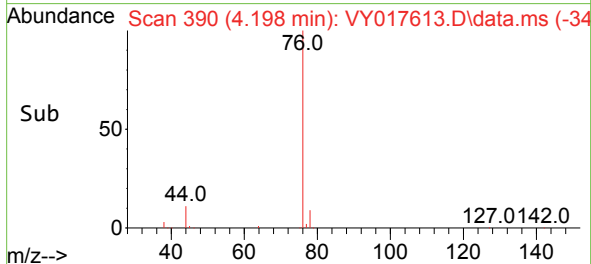
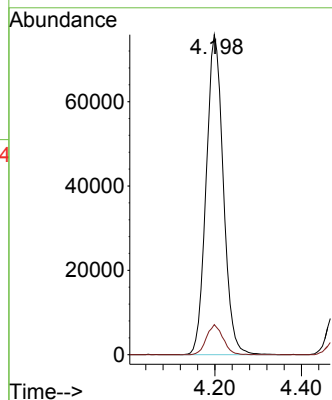
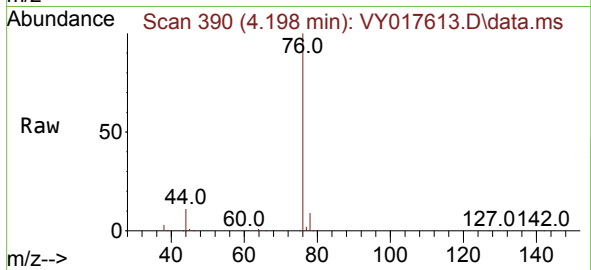




#17
Carbon Disulfide
Concen: 51.160 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY017613.D
Acq: 08 Mar 2024 09:23

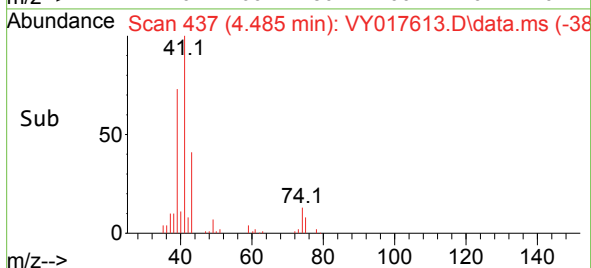
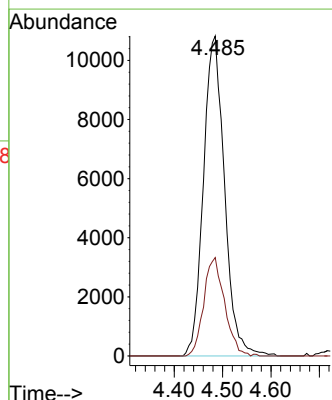
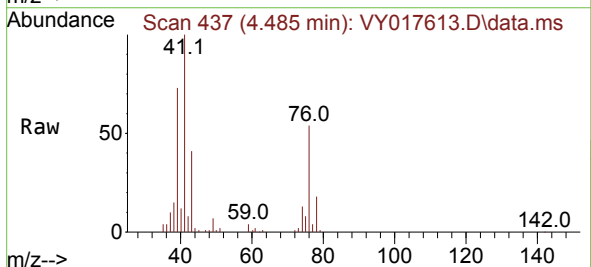
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 208174
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2



#18
Methyl Acetate
Concen: 51.250 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY017613.D
Acq: 08 Mar 2024 09:23

Tgt Ion: 43 Resp: 32799
Ion Ratio Lower Upper
43 100
74 30.3 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 50.553 ug/l

RT: 5.229 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY017613.D

Acq: 08 Mar 2024 09:23

Instrument :

MSVOA_Y

ClientSampleId :

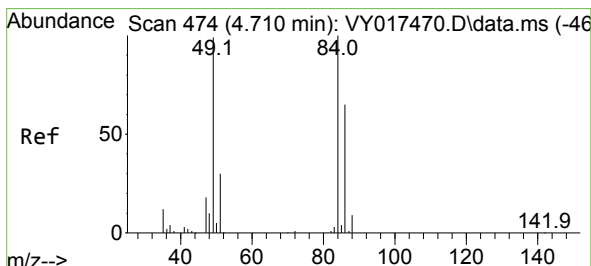
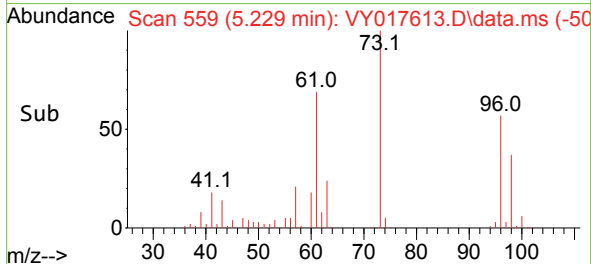
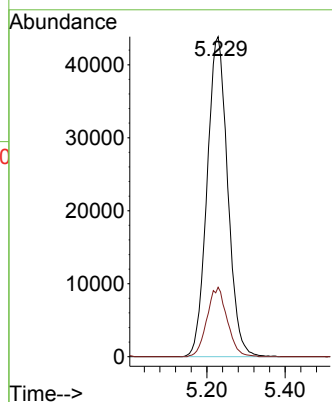
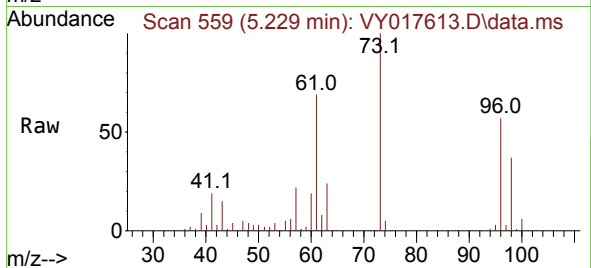
VSTDCCC050

Tgt Ion: 73 Resp: 159735

Ion Ratio Lower Upper

73 100

57 21.7 17.3 25.9



#20

Methylene Chloride

Concen: 54.747 ug/l

RT: 4.723 min Scan# 476

Delta R.T. 0.013 min

Lab File: VY017613.D

Acq: 08 Mar 2024 09:23

Tgt Ion: 84 Resp: 84044

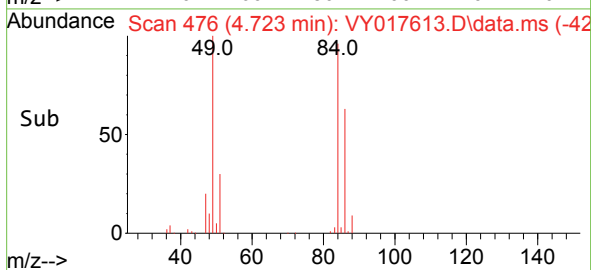
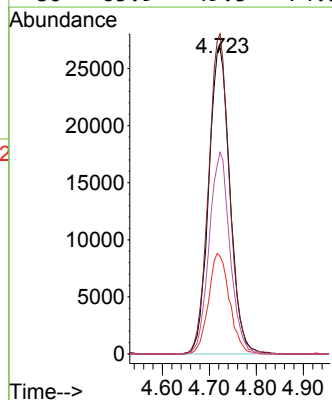
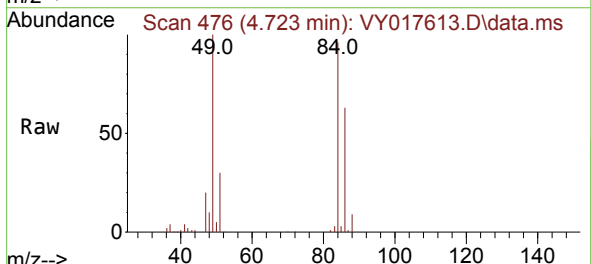
Ion Ratio Lower Upper

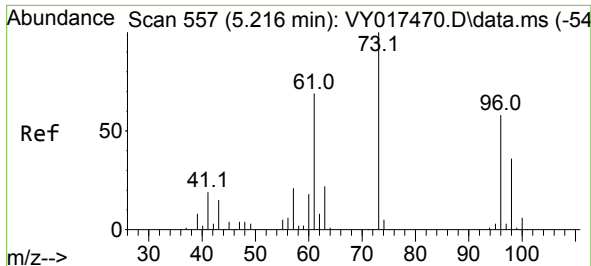
84 100

49 104.6 84.4 126.6

51 31.9 26.0 39.0

86 65.9 49.5 74.3

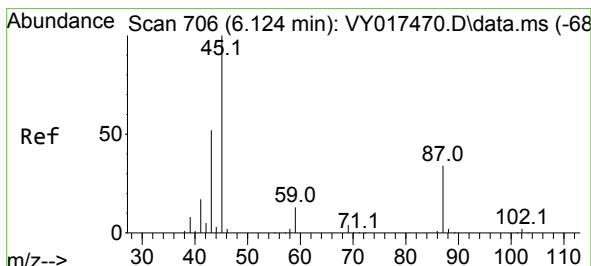
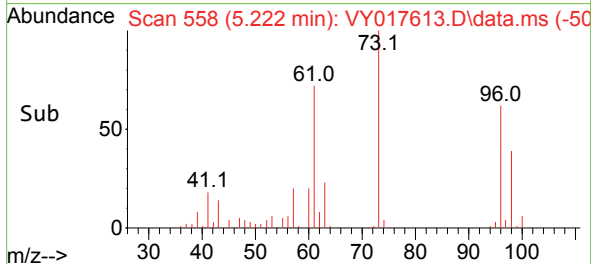
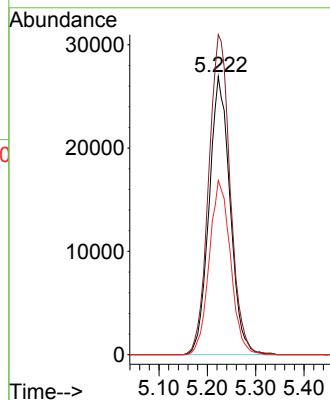
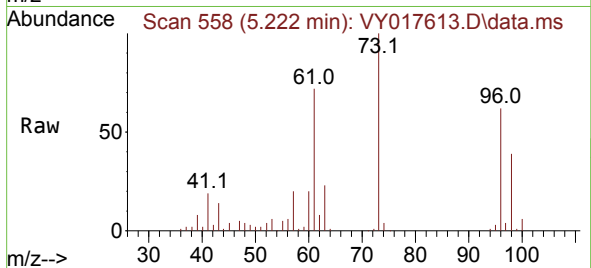




#21
trans-1,2-Dichloroethene
Concen: 51.299 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY017613.D
Acq: 08 Mar 2024 09:23

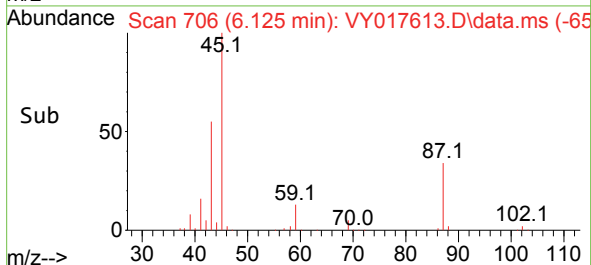
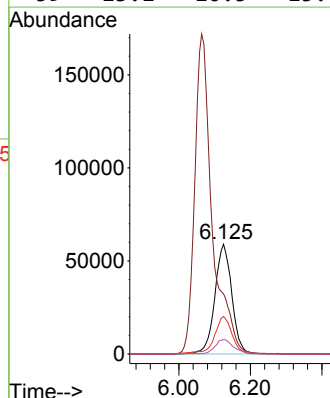
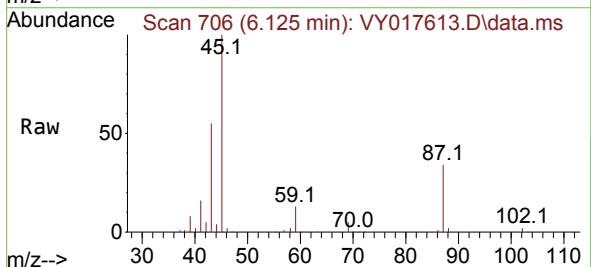
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

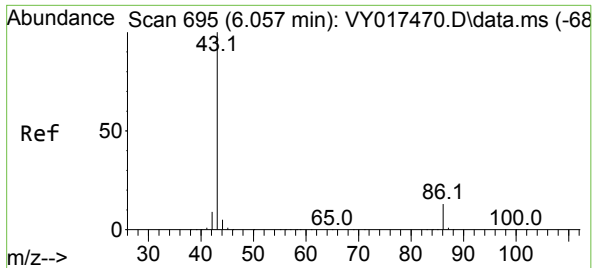
Tgt Ion: 96 Resp: 81425
Ion Ratio Lower Upper
96 100
61 115.1 97.5 146.3
98 62.7 50.5 75.7



#22
Diisopropyl ether
Concen: 51.378 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY017613.D
Acq: 08 Mar 2024 09:23

Tgt Ion: 45 Resp: 194201
Ion Ratio Lower Upper
45 100
43 54.5 42.2 63.2
87 34.2 25.0 37.6
59 13.1 10.5 15.7

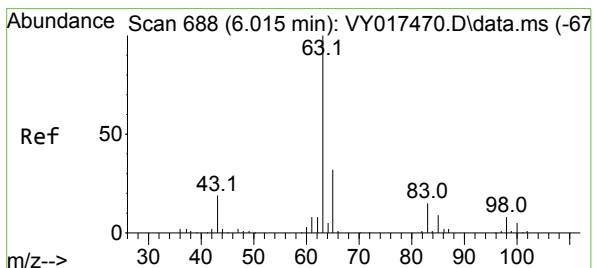
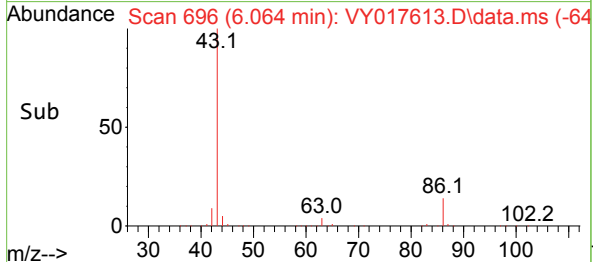
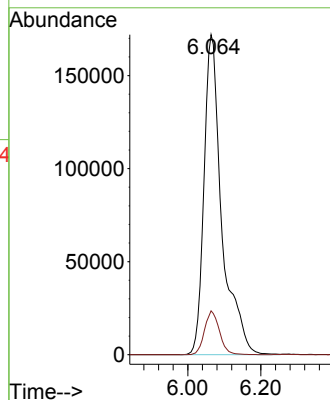
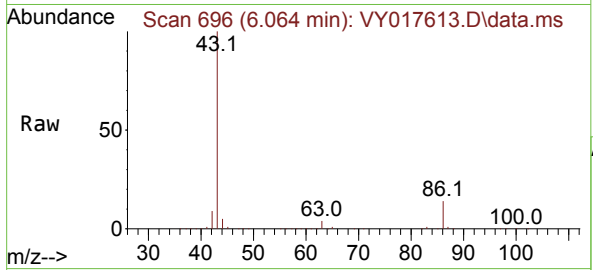




#23
 Vinyl Acetate
 Concen: 258.351 ug/l
 RT: 6.064 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY017613.D
 Acq: 08 Mar 2024 09:23

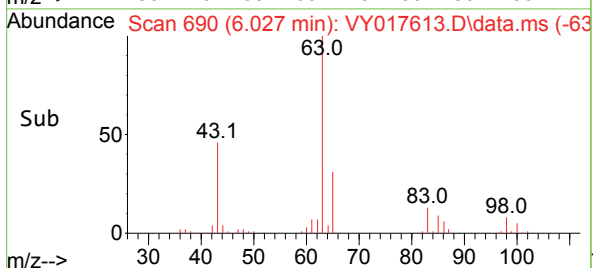
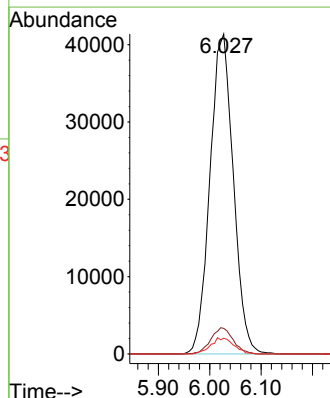
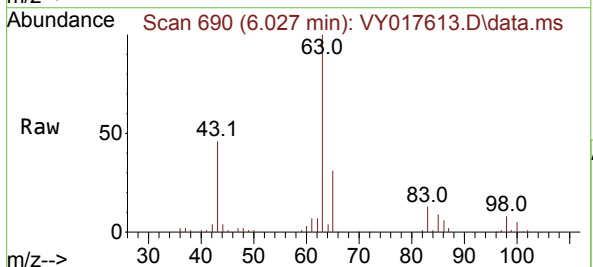
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 581909
 Ion Ratio Lower Upper
 43 100
 86 13.7 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 50.533 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.012 min
 Lab File: VY017613.D
 Acq: 08 Mar 2024 09:23

Tgt Ion: 63 Resp: 130493
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.0 12.2
 100 4.9 2.6 8.0





#25

2-Butanone

Concen: 260.754 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY017613.D

Acq: 08 Mar 2024 09:23

Instrument :

MSVOA_Y

ClientSampleId :

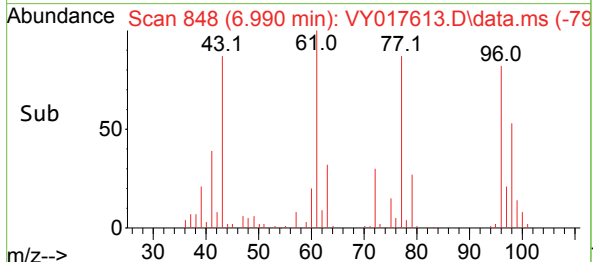
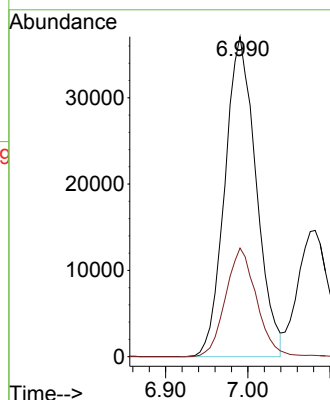
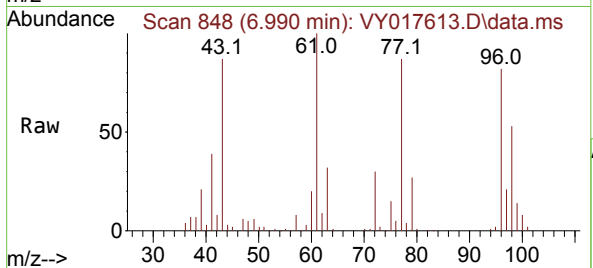
VSTDCCC050

Tgt Ion: 43 Resp: 98028

Ion Ratio Lower Upper

43 100

72 33.9 27.3 40.9



#26

2,2-Dichloropropane

Concen: 51.350 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.012 min

Lab File: VY017613.D

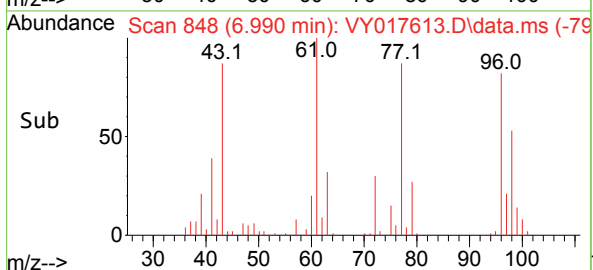
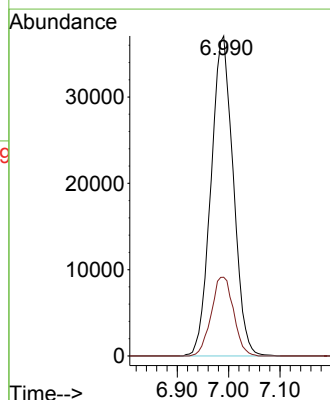
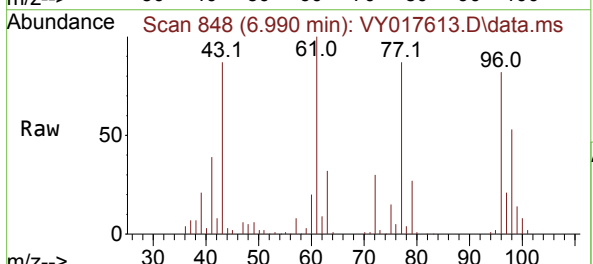
Acq: 08 Mar 2024 09:23

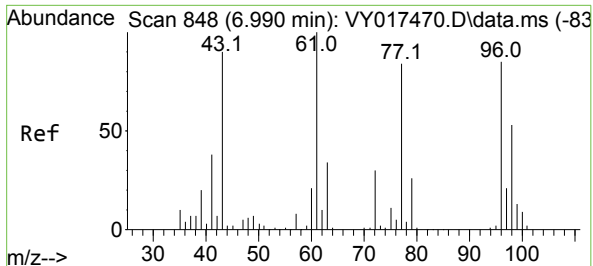
Tgt Ion: 77 Resp: 111488

Ion Ratio Lower Upper

77 100

97 24.7 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 51.512 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY017613.D

Acq: 08 Mar 2024 09:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

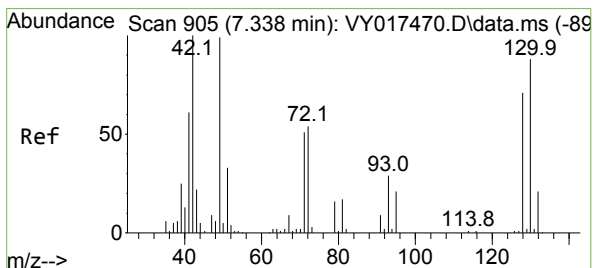
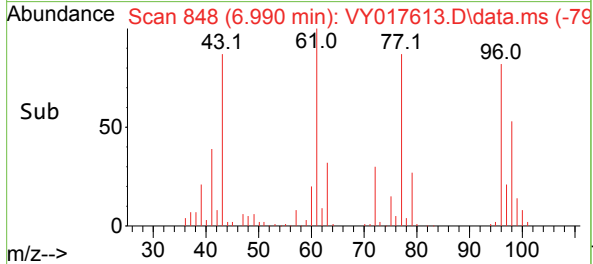
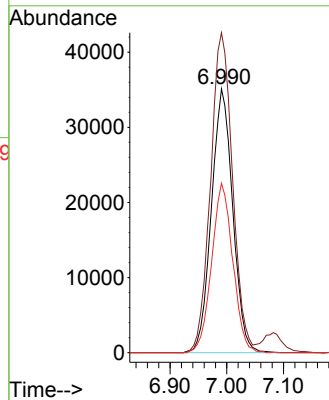
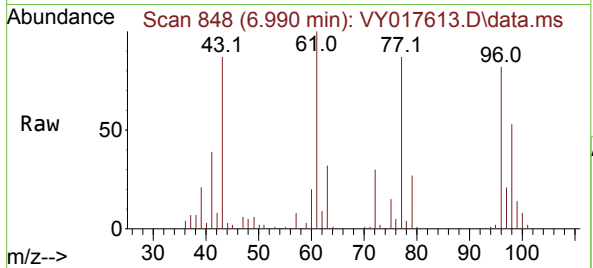
Tgt Ion: 96 Resp: 91802

Ion Ratio Lower Upper

96 100

61 125.4 0.0 256.2

98 63.6 0.0 130.0



#28

Bromochloromethane

Concen: 55.163 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY017613.D

Acq: 08 Mar 2024 09:23

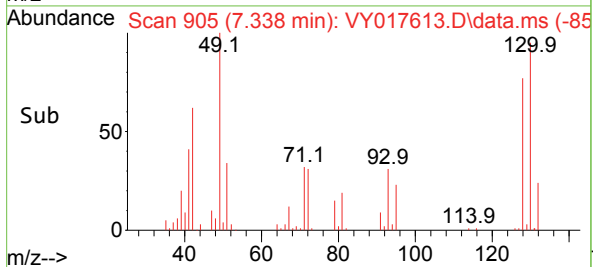
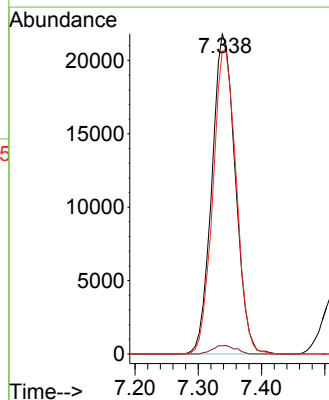
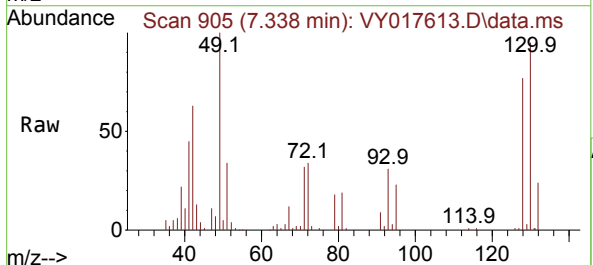
Tgt Ion: 49 Resp: 56102

Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.6

130 94.5 72.7 109.1





#29

Tetrahydrofuran

Concen: 250.150 ug/l

RT: 7.356 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY017613.D

Acq: 08 Mar 2024 09:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

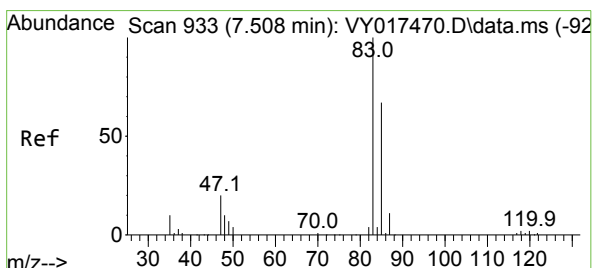
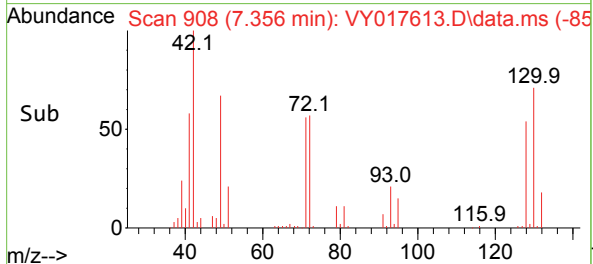
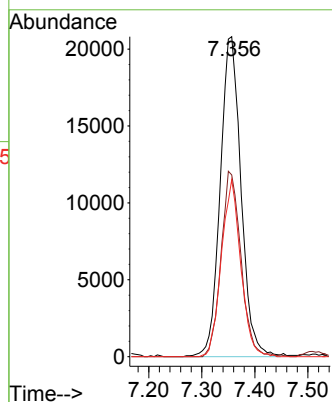
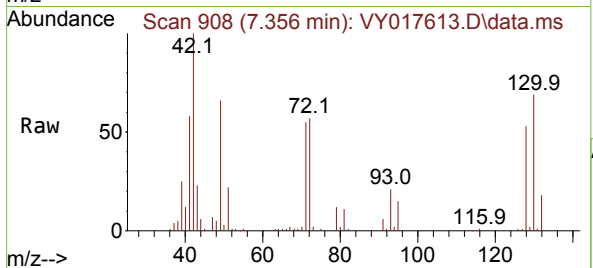
Tgt Ion: 42 Resp: 56689

Ion Ratio Lower Upper

42 100

72 55.3 43.0 64.4

71 51.6 40.8 61.2



#30

Chloroform

Concen: 50.434 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.006 min

Lab File: VY017613.D

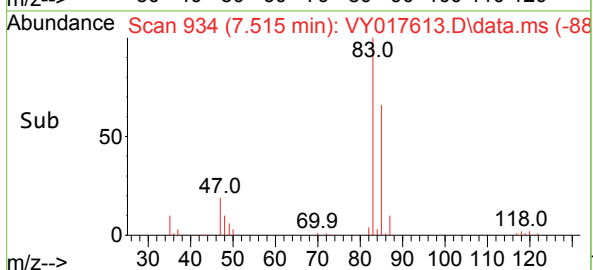
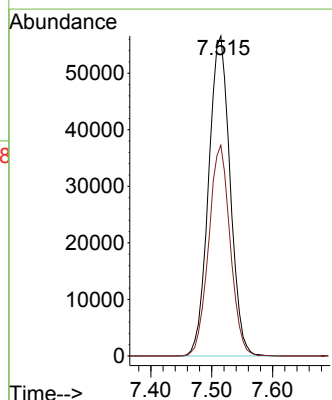
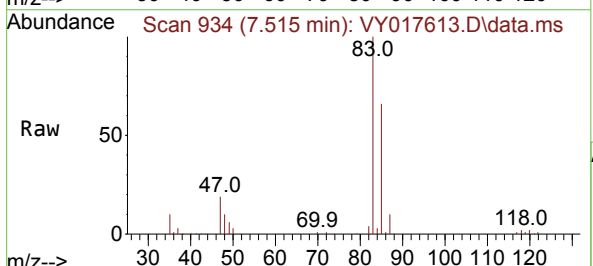
Acq: 08 Mar 2024 09:23

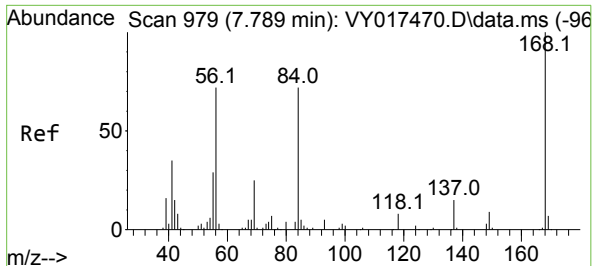
Tgt Ion: 83 Resp: 138661

Ion Ratio Lower Upper

83 100

85 65.9 52.2 78.4

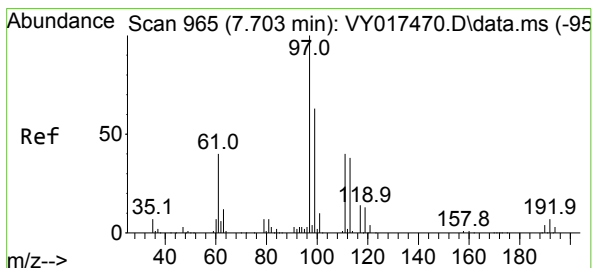
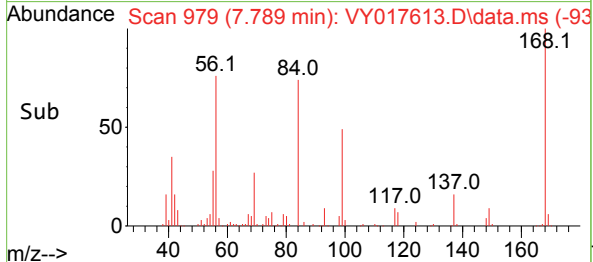
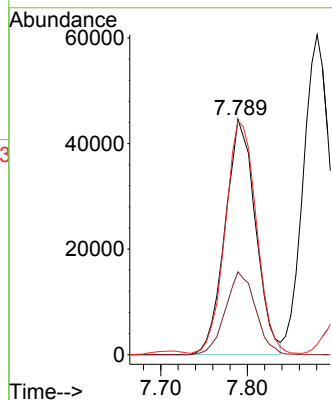
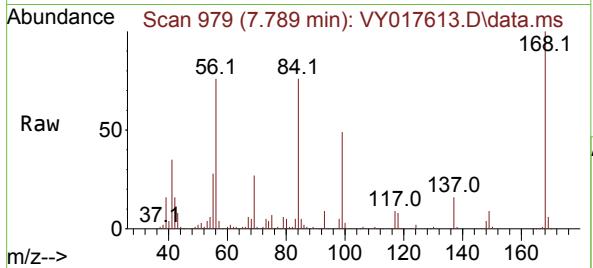




#31
Cyclohexane
Concen: 49.236 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017613.D
Acq: 08 Mar 2024 09:23

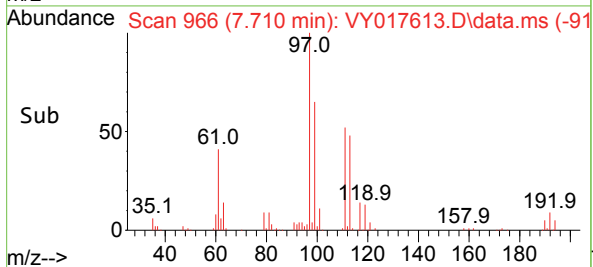
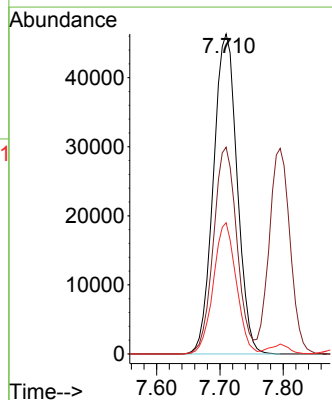
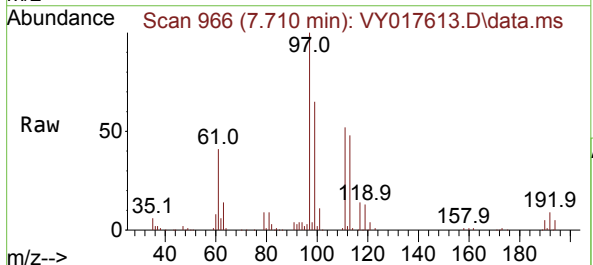
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

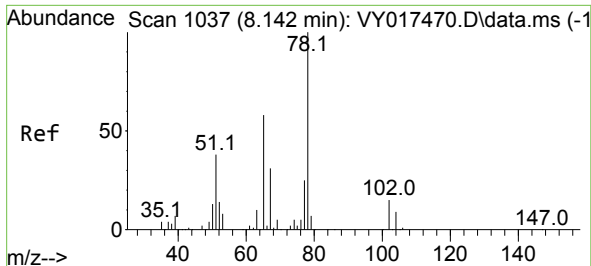
Tgt Ion: 56 Resp: 108977
Ion Ratio Lower Upper
56 100
69 35.2 28.7 43.1
84 98.2 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 50.493 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY017613.D
Acq: 08 Mar 2024 09:23

Tgt Ion: 97 Resp: 120524
Ion Ratio Lower Upper
97 100
99 63.8 50.3 75.5
61 39.7 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 49.404 ug/l

RT: 8.149 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017613.D

Acq: 08 Mar 2024 09:23

Instrument :

MSVOA_Y

ClientSampleId :

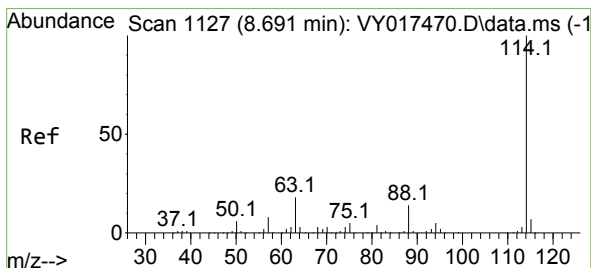
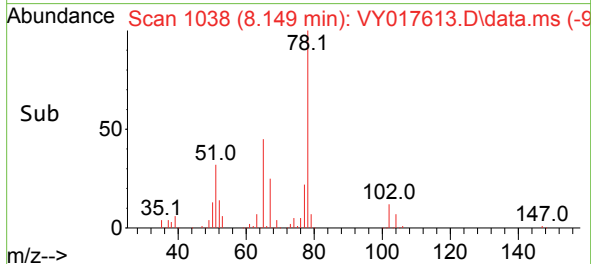
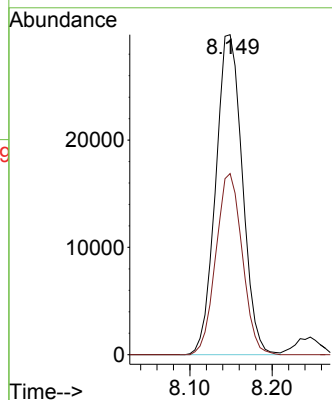
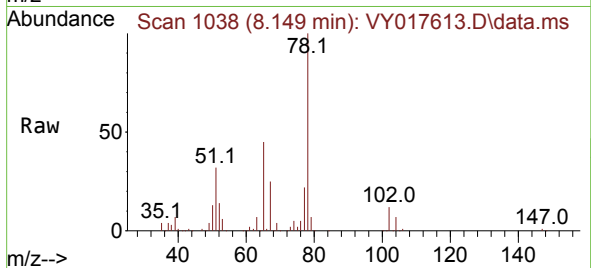
VSTDCCC050

Tgt Ion: 65 Resp: 67192

Ion Ratio Lower Upper

65 100

67 56.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017613.D

Acq: 08 Mar 2024 09:23

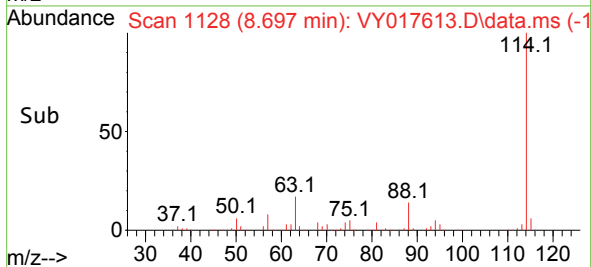
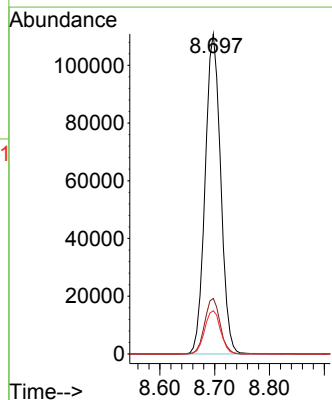
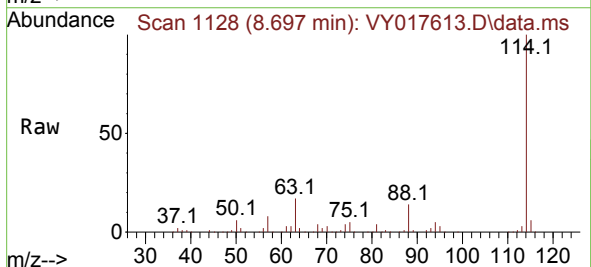
Tgt Ion: 114 Resp: 217008

Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.0

88 13.5 0.0 27.2

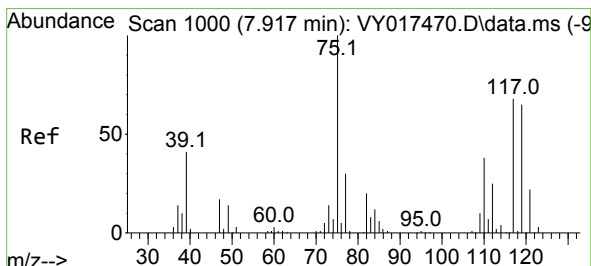
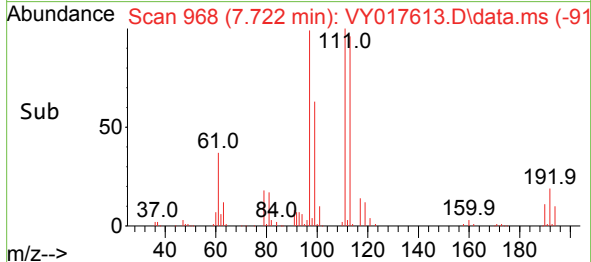
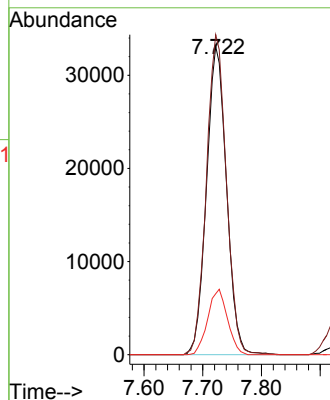
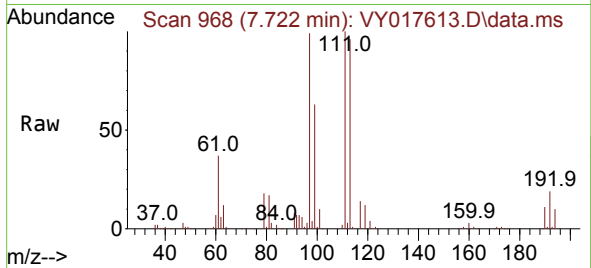




#35
Dibromofluoromethane
Concen: 51.789 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017613.D
Acq: 08 Mar 2024 09:23

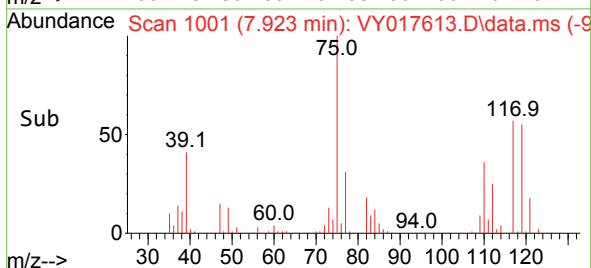
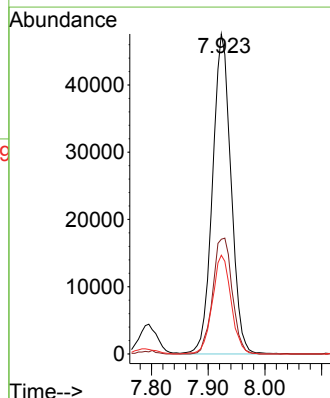
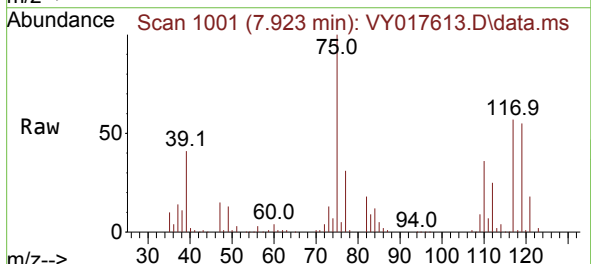
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

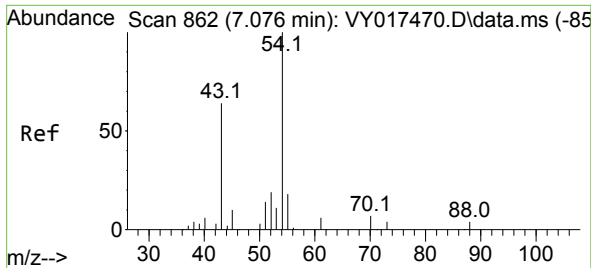
Tgt Ion:113 Resp: 78315
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 20.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 52.743 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY017613.D
Acq: 08 Mar 2024 09:23

Tgt Ion: 75 Resp: 107609
Ion Ratio Lower Upper
75 100
110 38.2 19.0 57.0
77 31.2 25.3 37.9

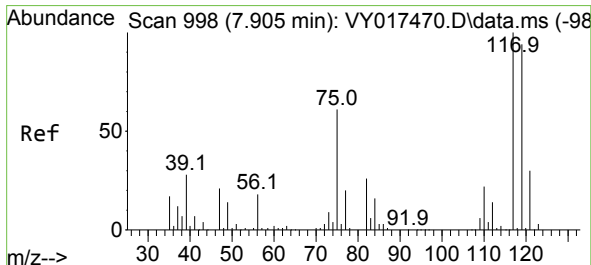
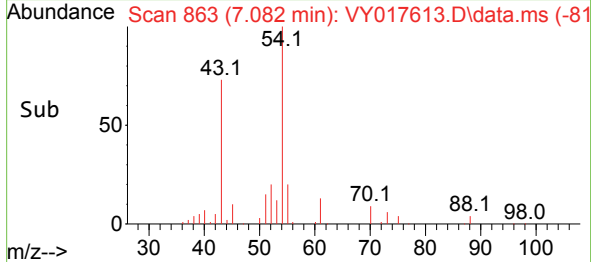
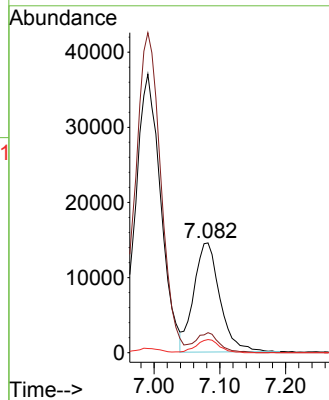
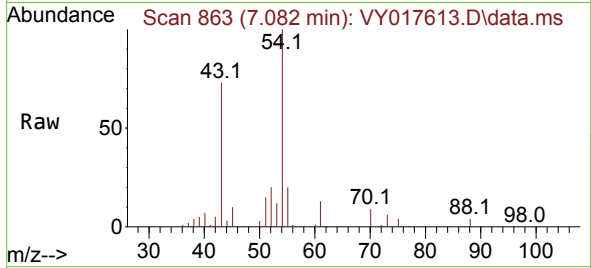




#37
Ethyl Acetate
Concen: 49.669 ug/l
RT: 7.082 min Scan# 863
Delta R.T. 0.006 min
Lab File: VY017613.D
Acq: 08 Mar 2024 09:23

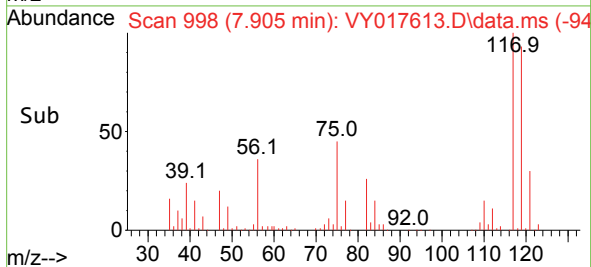
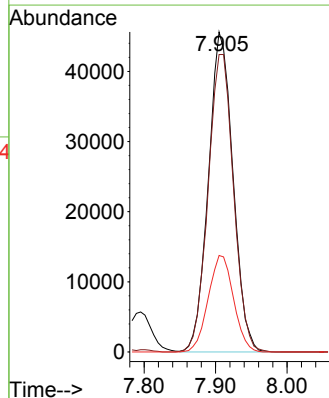
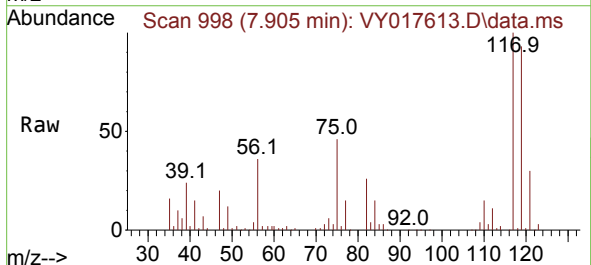
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

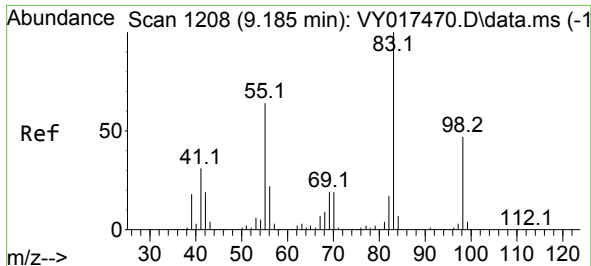
Tgt Ion: 43	Resp: 40025
Ion Ratio	Lower Upper
43	100
61	16.3 12.6 19.0
70	10.7 7.8 11.8



#38
Carbon Tetrachloride
Concen: 53.350 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY017613.D
Acq: 08 Mar 2024 09:23

Tgt Ion: 117	Resp: 109091
Ion Ratio	Lower Upper
117	100
119	92.9 75.8 113.6
121	30.1 24.0 36.0

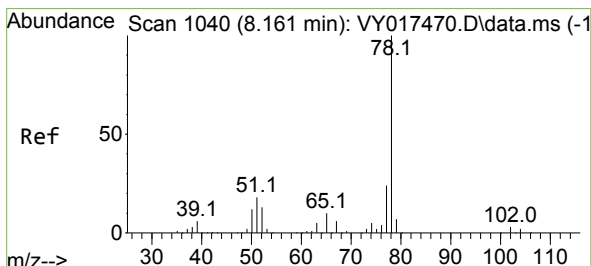
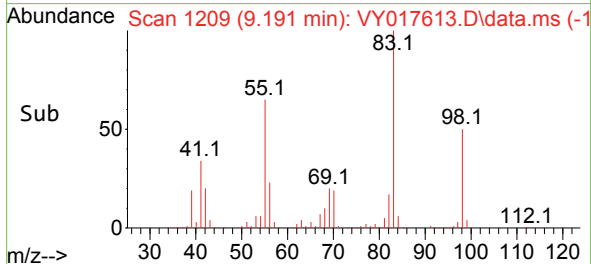
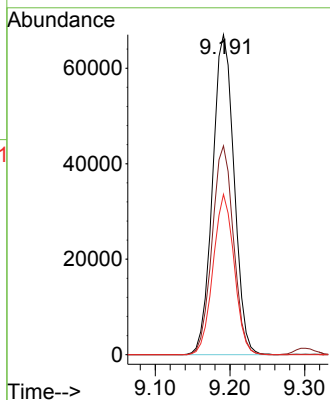
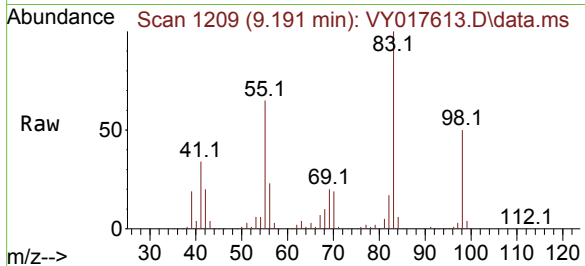




#39
Methylcyclohexane
Concen: 54.645 ug/l
RT: 9.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017613.D
Acq: 08 Mar 2024 09:23

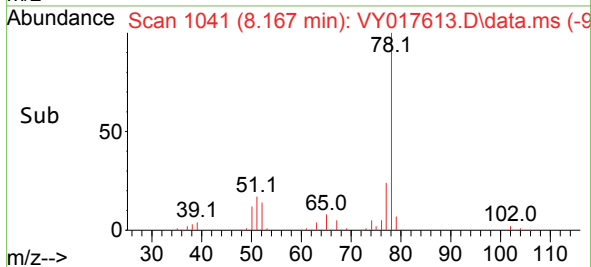
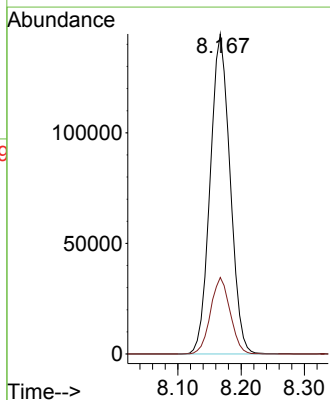
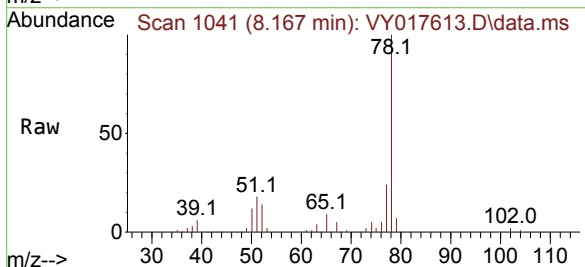
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

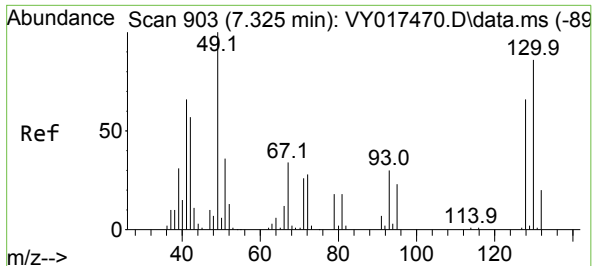
Tgt Ion: 83 Resp: 133986
Ion Ratio Lower Upper
83 100
55 65.2 51.5 77.3
98 50.1 40.5 60.7



#40
Benzene
Concen: 52.193 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY017613.D
Acq: 08 Mar 2024 09:23

Tgt Ion: 78 Resp: 316237
Ion Ratio Lower Upper
78 100
77 23.9 19.5 29.3

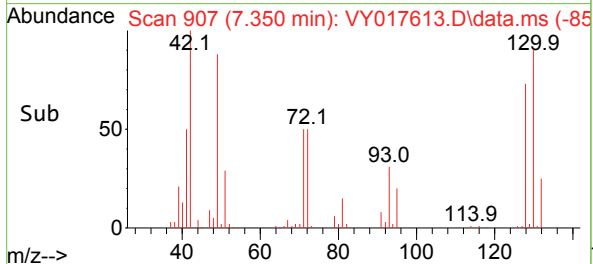
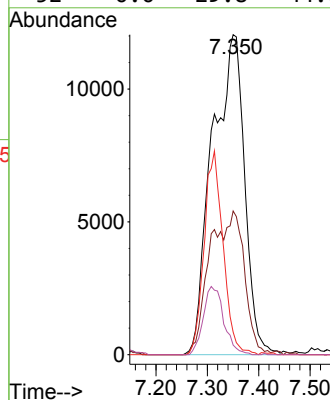
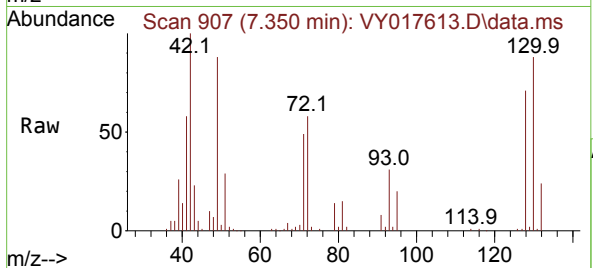




#41
Methacrylonitrile
Concen: 130.295 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.025 min
Lab File: VY017613.D
Acq: 08 Mar 2024 09:23

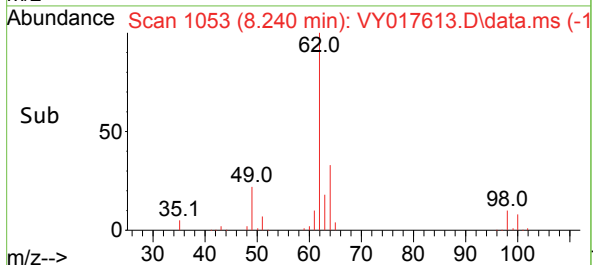
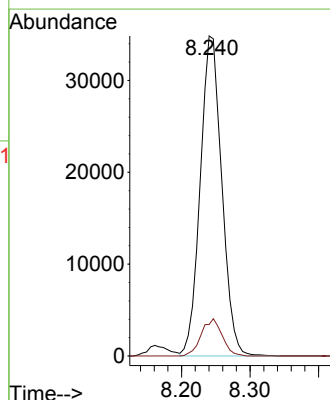
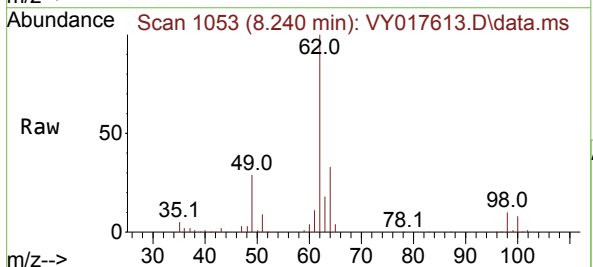
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

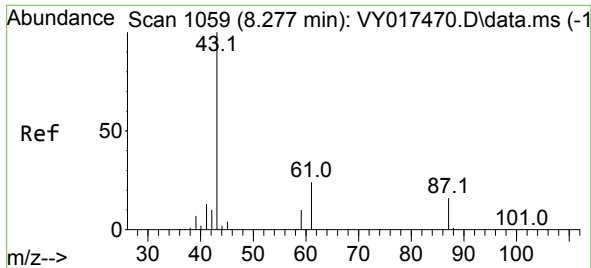
Tgt Ion: 41 Resp: 52688
Ion Ratio Lower Upper
41 100
39 0.0 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 51.656 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY017613.D
Acq: 08 Mar 2024 09:23

Tgt Ion: 62 Resp: 76364
Ion Ratio Lower Upper
62 100
98 11.2 0.0 22.0

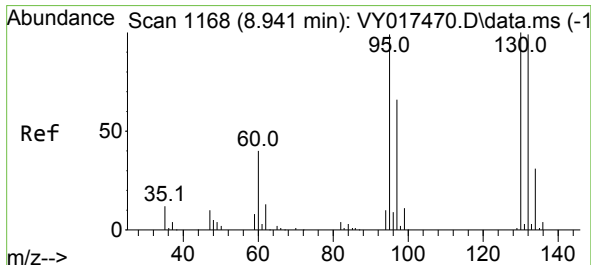
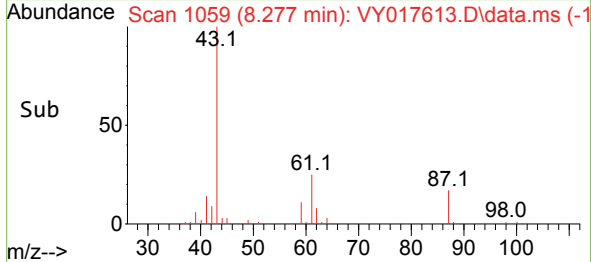
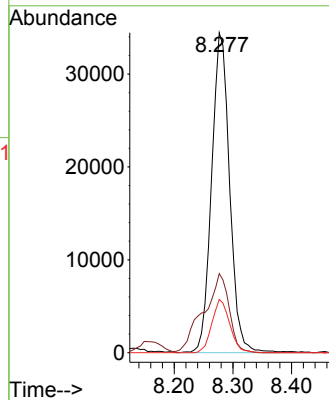
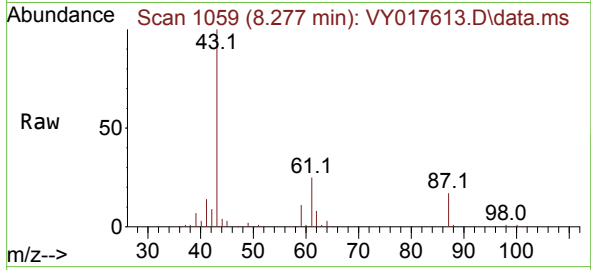




#43
Isopropyl Acetate
Concen: 51.925 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY017613.D
Acq: 08 Mar 2024 09:23

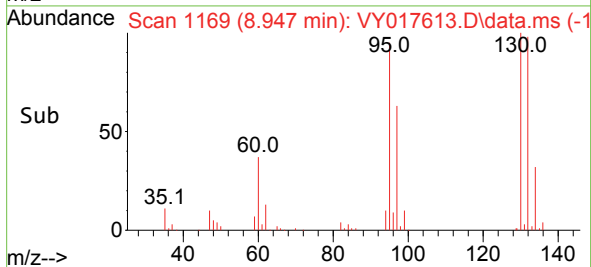
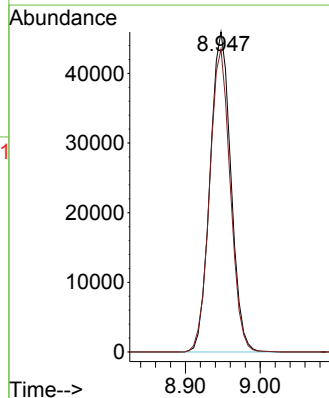
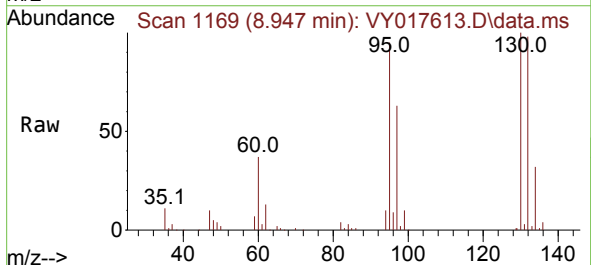
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

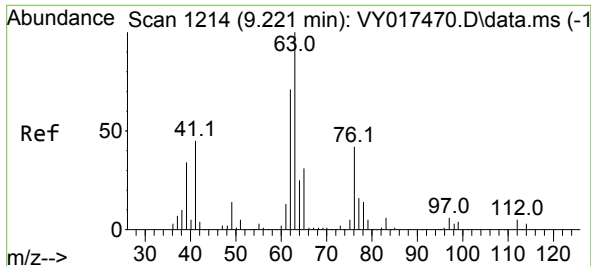
Tgt Ion:	43	Resp:	73528
Ion	Ratio	Lower	Upper
43	100		
61	35.0	27.9	41.9
87	16.4	13.1	19.7



#44
Trichloroethene
Concen: 50.995 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY017613.D
Acq: 08 Mar 2024 09:23

Tgt Ion:	130	Resp:	89057
Ion	Ratio	Lower	Upper
130	100		
95	94.6	0.0	188.0





#45

1,2-Dichloropropane

Concen: 52.081 ug/l

RT: 9.222 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017613.D

Acq: 08 Mar 2024 09:23

Instrument :

MSVOA_Y

ClientSampleId :

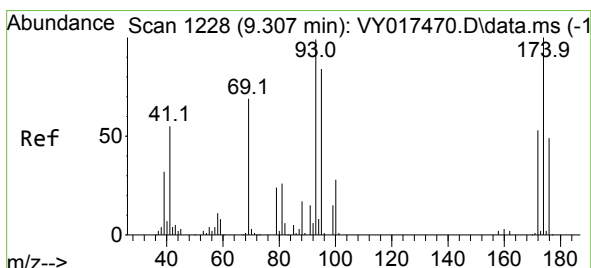
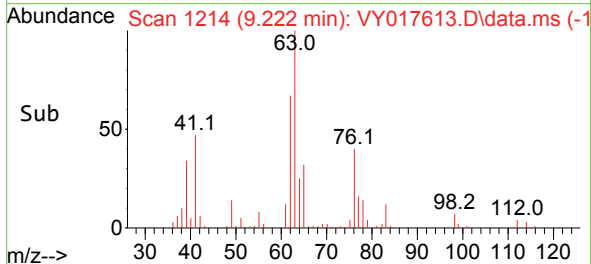
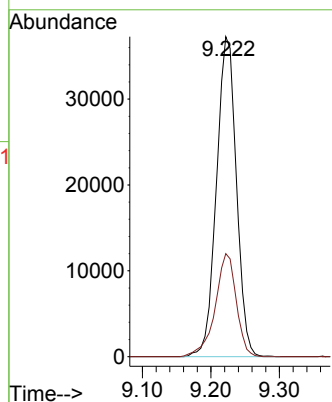
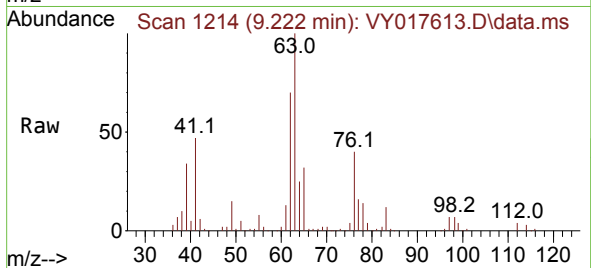
VSTDCCC050

Tgt Ion: 63 Resp: 75077

Ion Ratio Lower Upper

63 100

65 32.2 25.4 38.2



#46

Dibromomethane

Concen: 51.970 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY017613.D

Acq: 08 Mar 2024 09:23

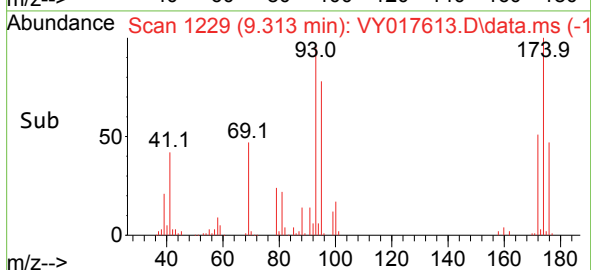
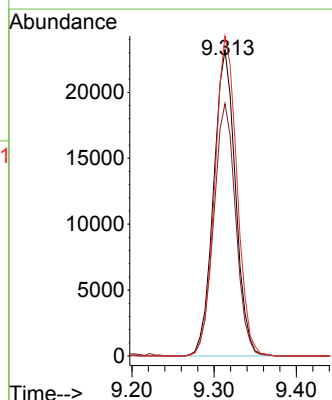
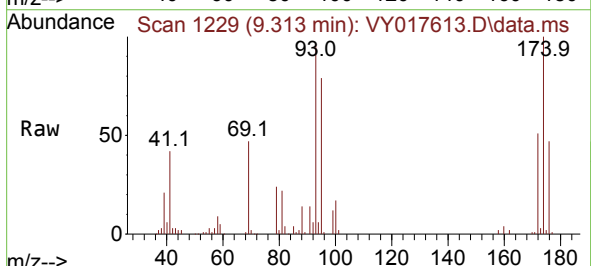
Tgt Ion: 93 Resp: 42875

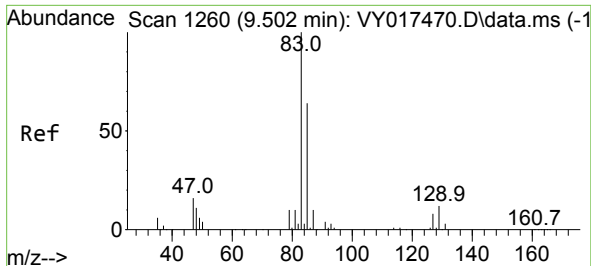
Ion Ratio Lower Upper

93 100

95 82.9 66.2 99.4

174 106.0 80.9 121.3

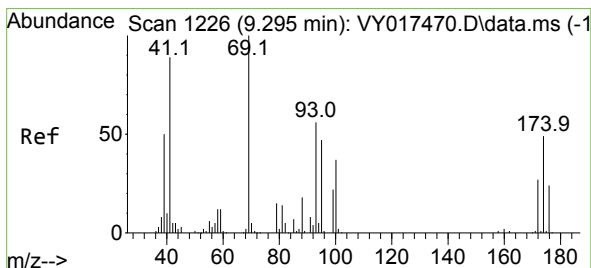
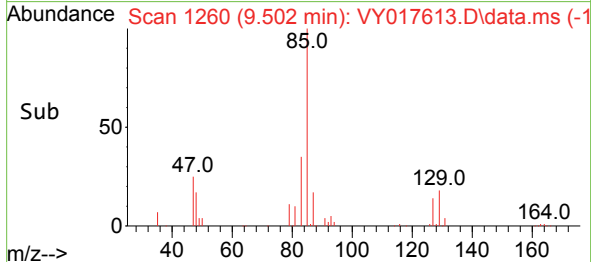
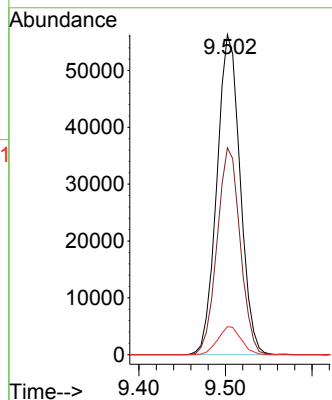
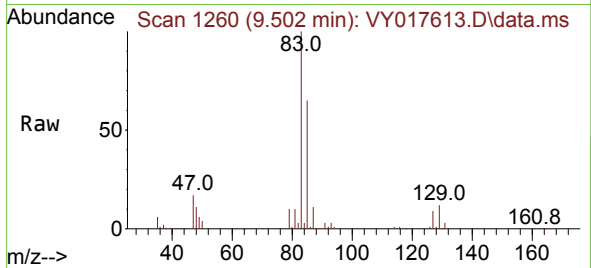




#47
Bromodichloromethane
Concen: 52.377 ug/l
RT: 9.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017613.D
Acq: 08 Mar 2024 09:23

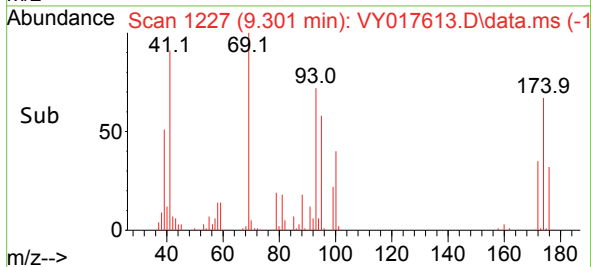
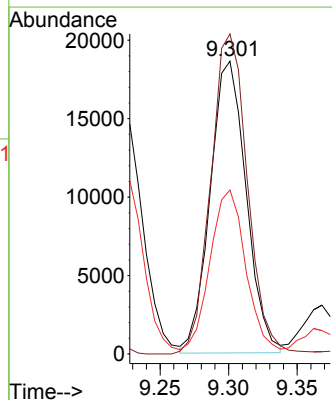
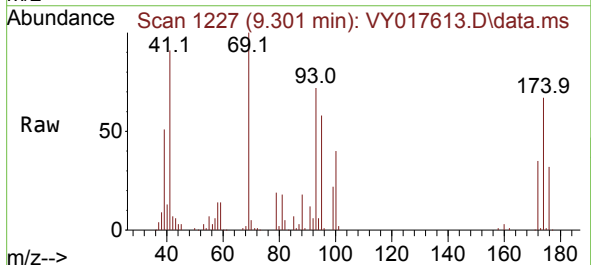
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

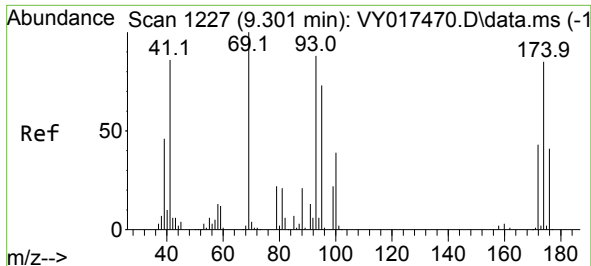
Tgt Ion: 83 Resp: 104918
Ion Ratio Lower Upper
83 100
85 64.6 50.1 75.1
127 8.8 7.4 11.0



#48
Methyl methacrylate
Concen: 51.904 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY017613.D
Acq: 08 Mar 2024 09:23

Tgt Ion: 41 Resp: 34021
Ion Ratio Lower Upper
41 100
69 111.6 84.1 126.1
39 53.5 43.6 65.4





#49

1,4-Dioxane

Concen: 1023.930 ug/l

RT: 9.307 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY017613.D

Acq: 08 Mar 2024 09:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

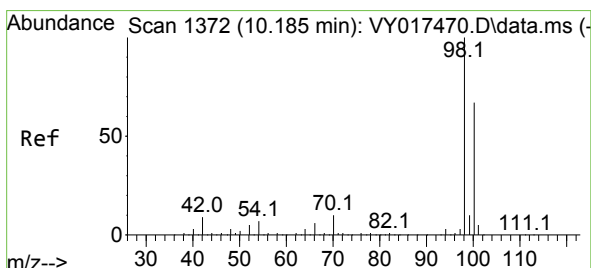
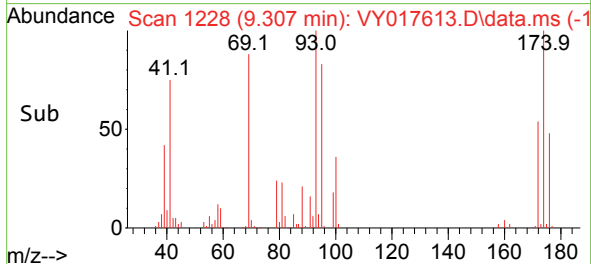
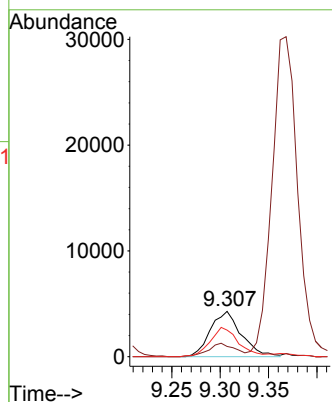
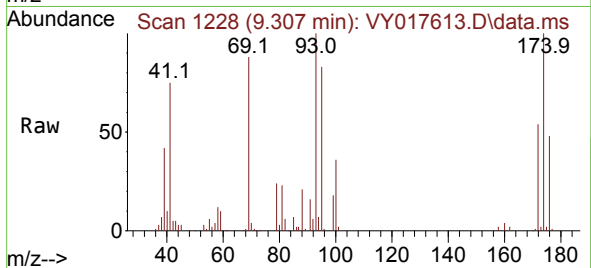
Tgt Ion: 88 Resp: 9560

Ion Ratio Lower Upper

88 100

43 25.5 0.0 0.0#

58 60.2 49.3 73.9



#50

Toluene-d8

Concen: 55.575 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY017613.D

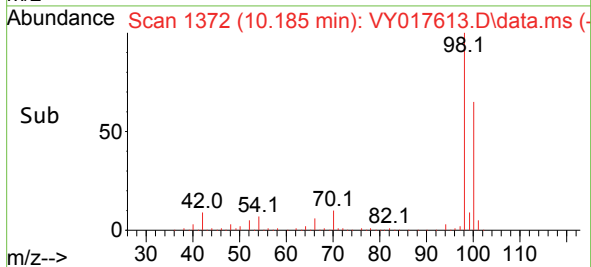
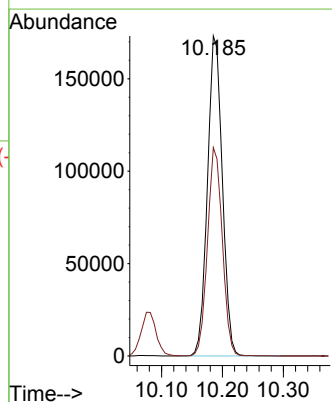
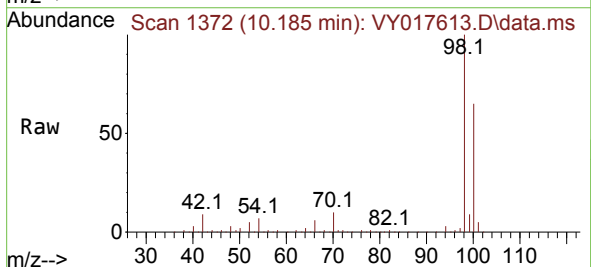
Acq: 08 Mar 2024 09:23

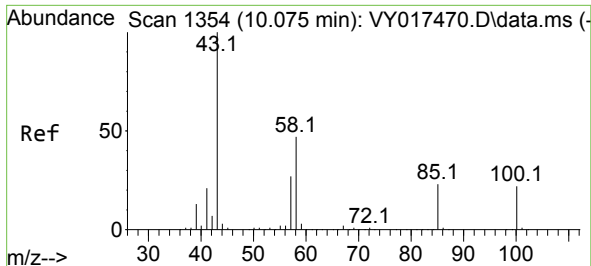
Tgt Ion: 98 Resp: 293835

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 261.148 ug/l

RT: 10.075 min Scan# 1354

Delta R.T. 0.000 min

Lab File: VY017613.D

Acq: 08 Mar 2024 09:23

Instrument :

MSVOA_Y

ClientSampleId :

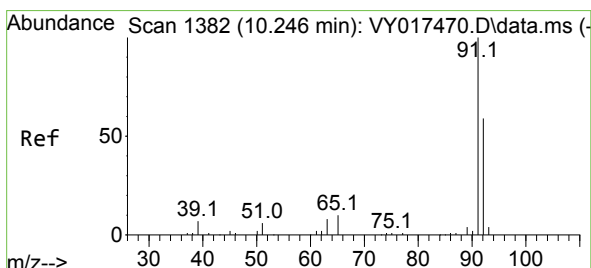
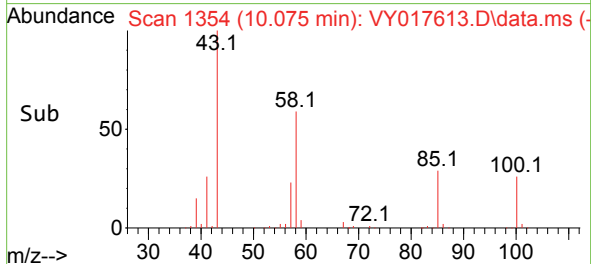
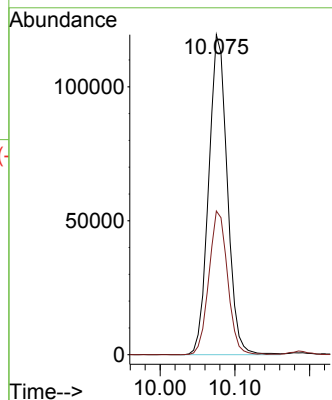
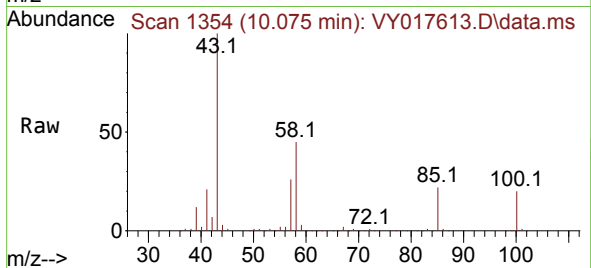
VSTDCCC050

Tgt Ion: 43 Resp: 206100

Ion Ratio Lower Upper

43 100

58 45.2 35.7 53.5



#52

Toluene

Concen: 53.121 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. 0.006 min

Lab File: VY017613.D

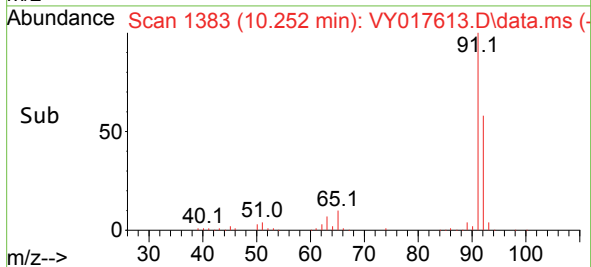
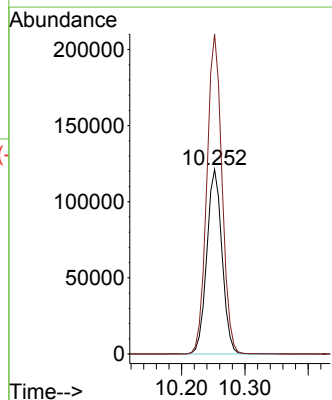
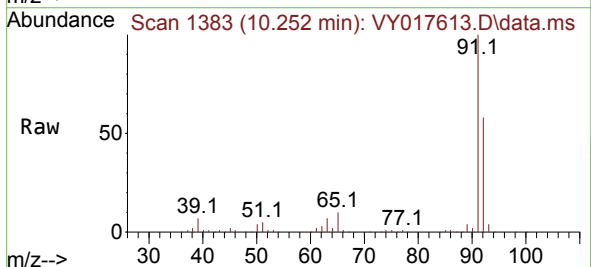
Acq: 08 Mar 2024 09:23

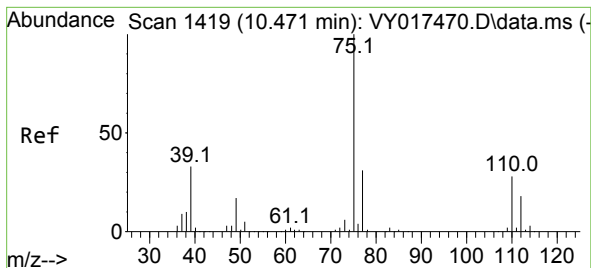
Tgt Ion: 92 Resp: 202904

Ion Ratio Lower Upper

92 100

91 172.4 139.0 208.6

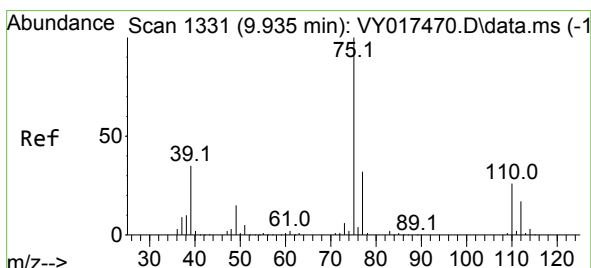
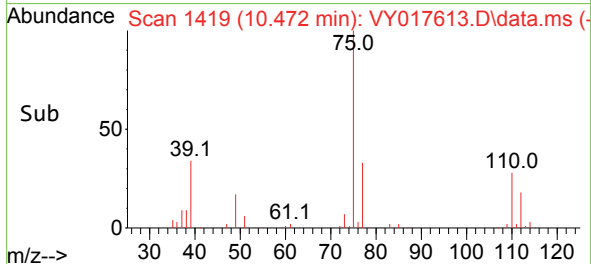
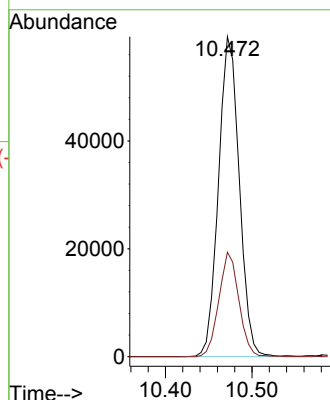
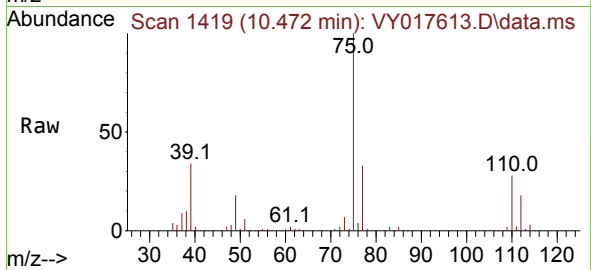




#53
t-1,3-Dichloropropene
Concen: 53.171 ug/l
RT: 10.472 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY017613.D
Acq: 08 Mar 2024 09:23

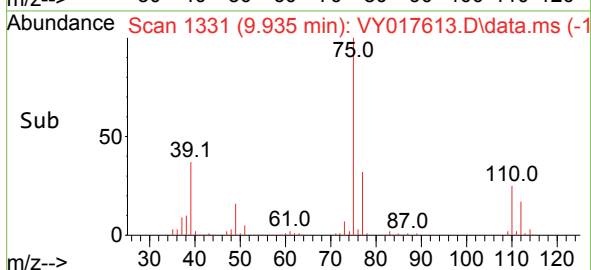
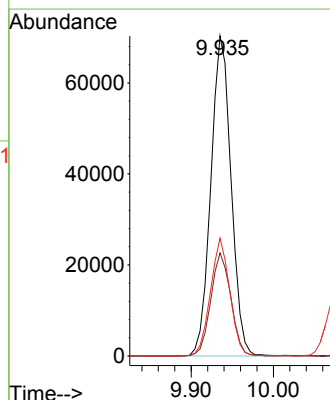
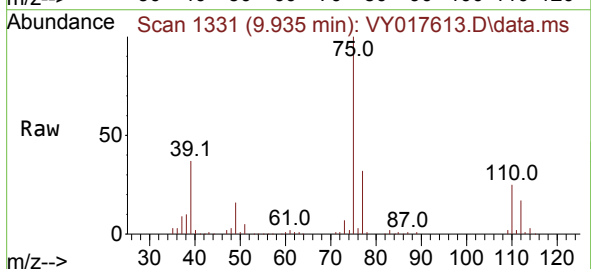
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

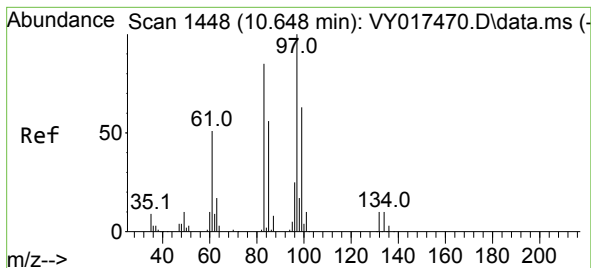
Tgt Ion: 75 Resp: 98859
Ion Ratio Lower Upper
75 100
77 32.7 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 53.163 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.000 min
Lab File: VY017613.D
Acq: 08 Mar 2024 09:23

Tgt Ion: 75 Resp: 120104
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.0
39 36.8 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 51.316 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. 0.006 min

Lab File: VY017613.D

Acq: 08 Mar 2024 09:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 60108

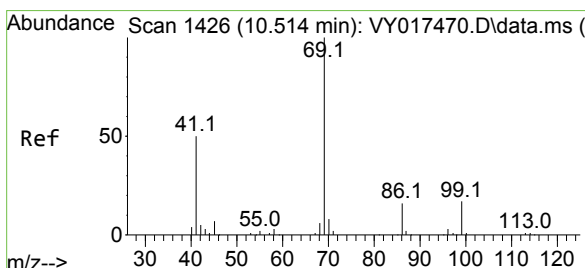
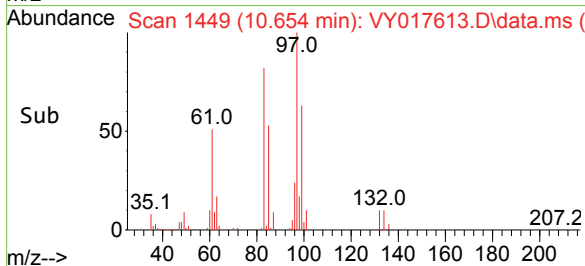
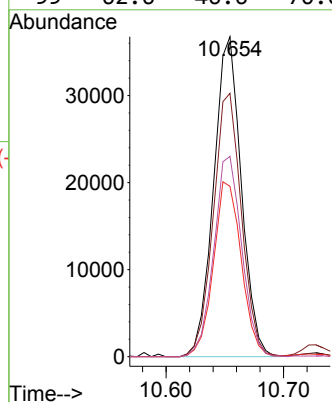
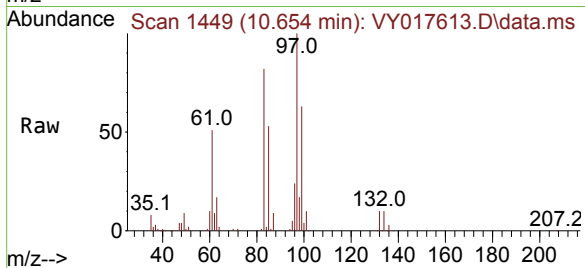
Ion Ratio Lower Upper

97 100

83 82.3 67.5 101.3

85 53.2 42.9 64.3

99 62.6 46.6 70.0



#56

Ethyl methacrylate

Concen: 49.767 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.006 min

Lab File: VY017613.D

Acq: 08 Mar 2024 09:23

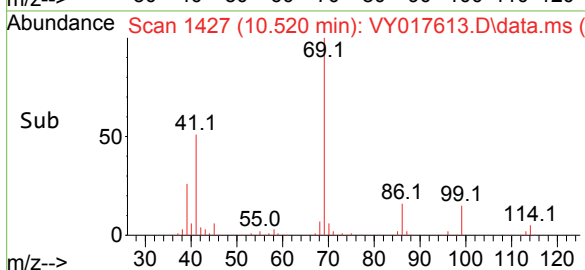
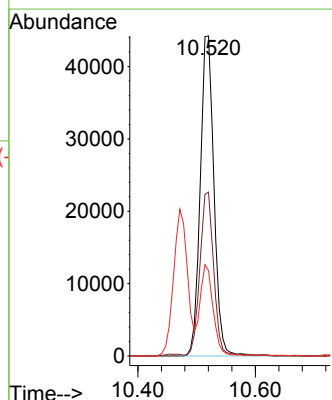
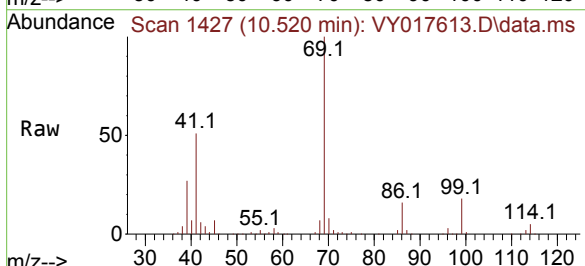
Tgt Ion: 69 Resp: 71696

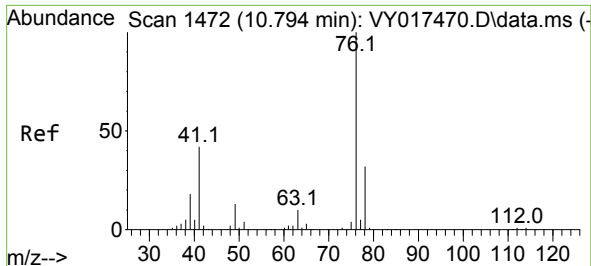
Ion Ratio Lower Upper

69 100

41 51.0 42.3 63.5

39 26.8 22.9 34.3

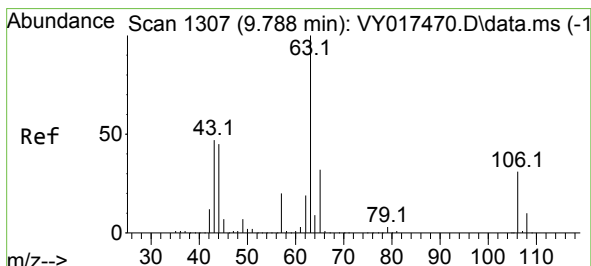
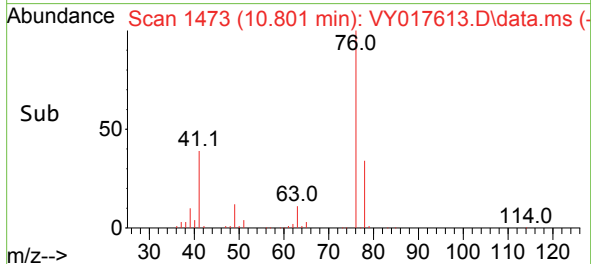
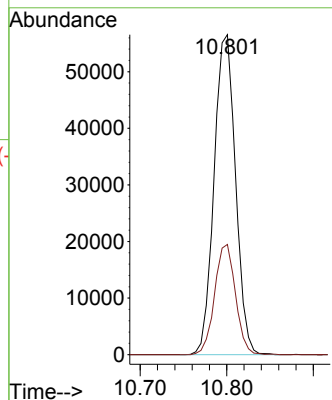
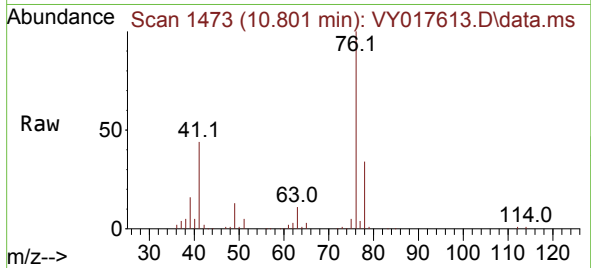




#57
1,3-Dichloropropane
Concen: 51.087 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VY017613.D
Acq: 08 Mar 2024 09:23

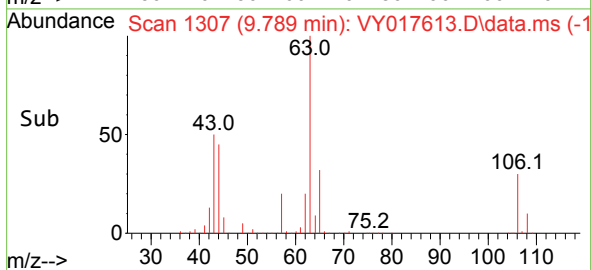
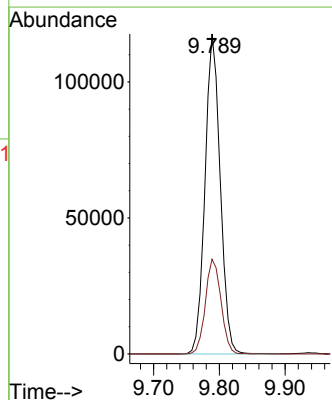
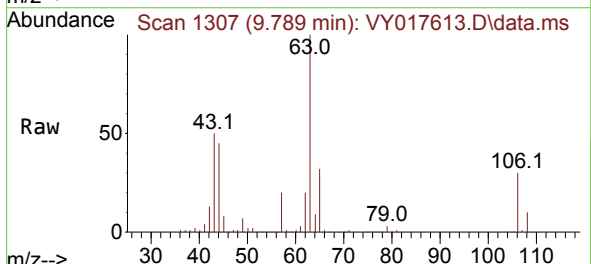
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

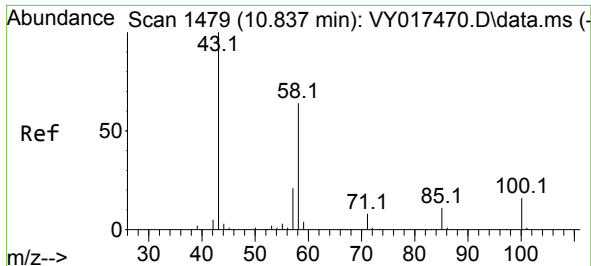
Tgt Ion: 76 Resp: 97292
Ion Ratio Lower Upper
76 100
78 33.6 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 279.539 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY017613.D
Acq: 08 Mar 2024 09:23

Tgt Ion: 63 Resp: 188946
Ion Ratio Lower Upper
63 100
106 30.4 23.7 35.5

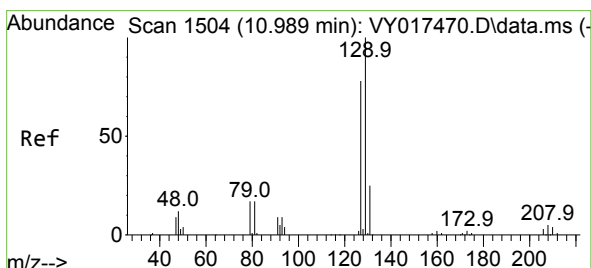
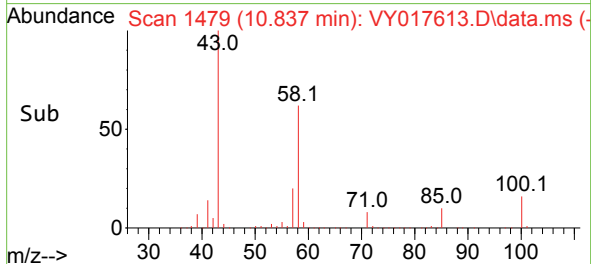
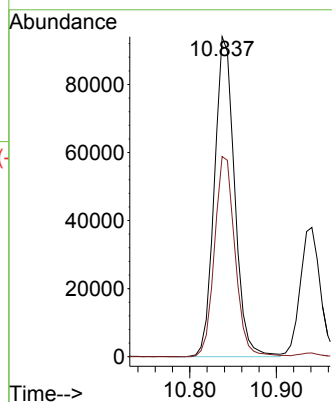
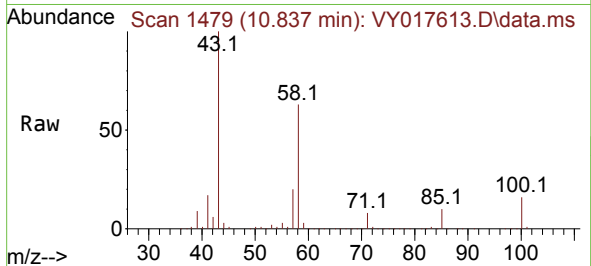




#59
2-Hexanone
Concen: 280.886 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017613.D
Acq: 08 Mar 2024 09:23

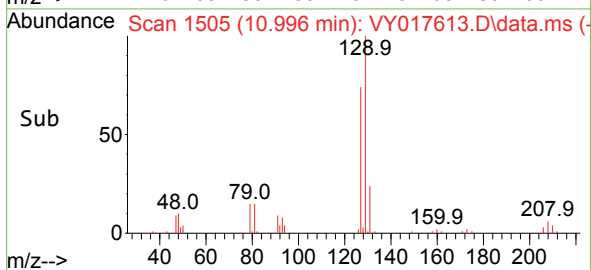
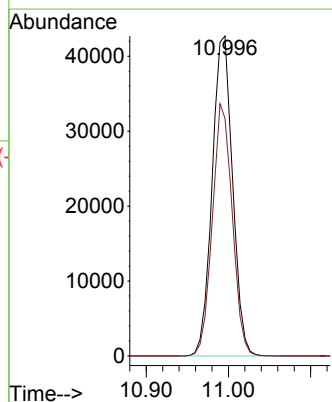
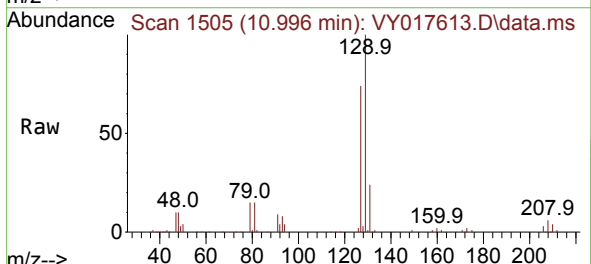
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 152265
Ion Ratio Lower Upper
43 100
58 63.6 31.4 94.0



#60
Dibromochloromethane
Concen: 53.072 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.006 min
Lab File: VY017613.D
Acq: 08 Mar 2024 09:23

Tgt Ion: 129 Resp: 73542
Ion Ratio Lower Upper
129 100
127 76.9 39.0 117.0





#61

1,2-Dibromoethane

Concen: 53.244 ug/l

RT: 11.099 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017613.D

Acq: 08 Mar 2024 09:23

Instrument :

MSVOA_Y

ClientSampleId :

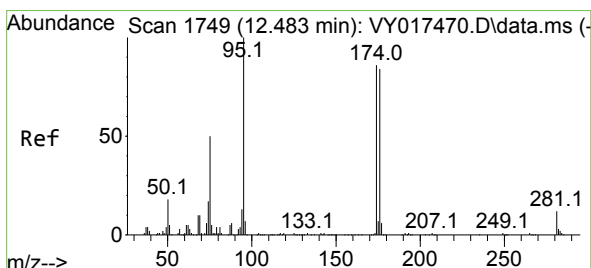
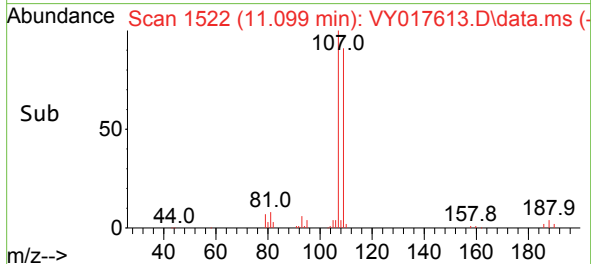
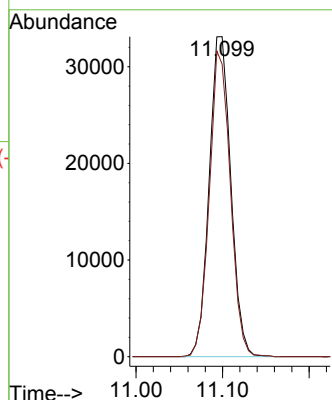
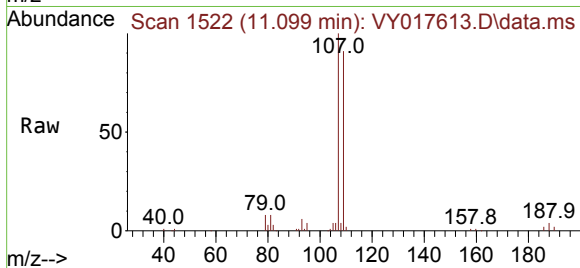
VSTDCCC050

Tgt Ion:107 Resp: 57473

Ion Ratio Lower Upper

107 100

109 92.5 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 56.008 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VY017613.D

Acq: 08 Mar 2024 09:23

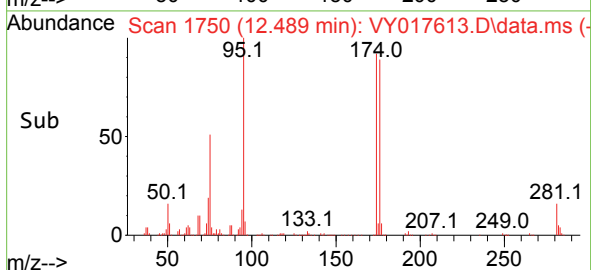
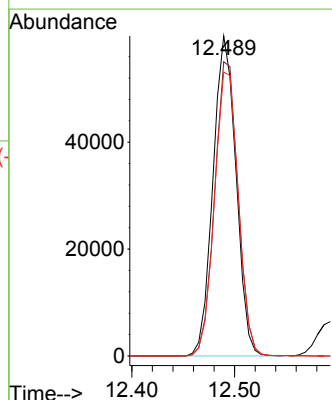
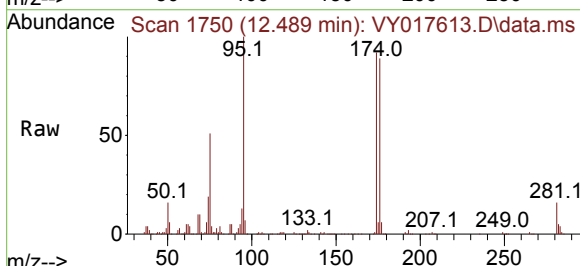
Tgt Ion: 95 Resp: 93063

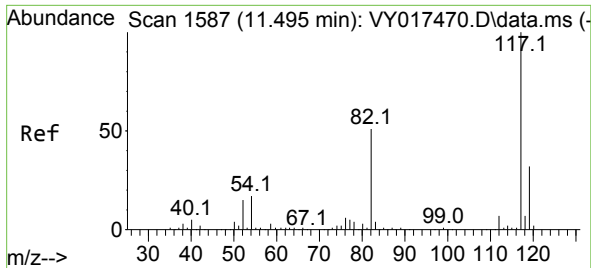
Ion Ratio Lower Upper

95 100

174 93.6 0.0 175.6

176 91.7 0.0 171.4

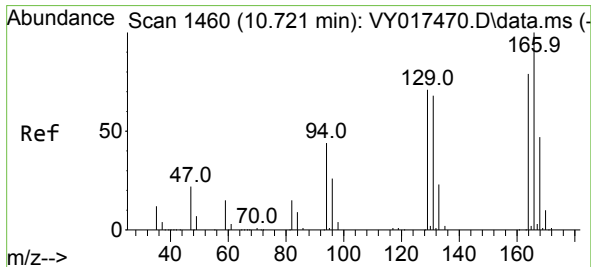
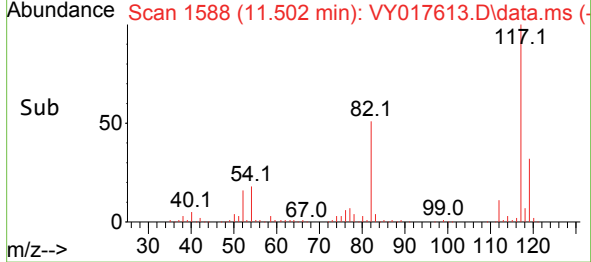
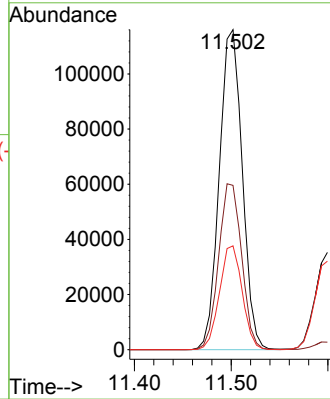
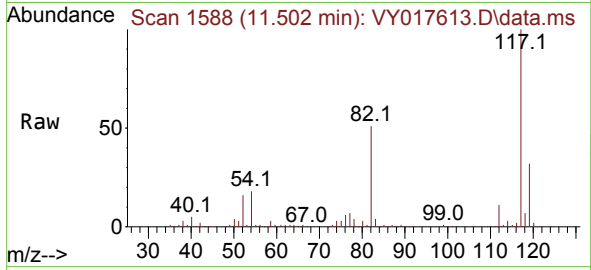




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017613.D
Acq: 08 Mar 2024 09:23

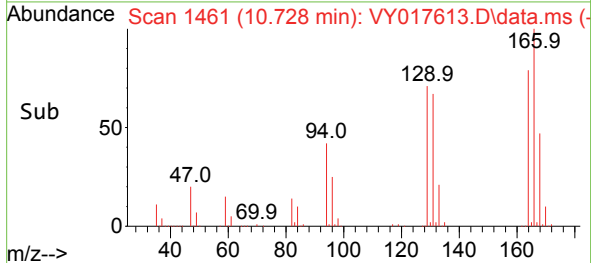
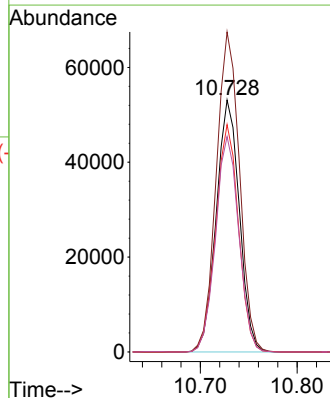
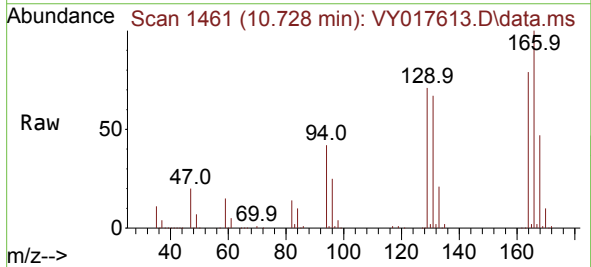
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

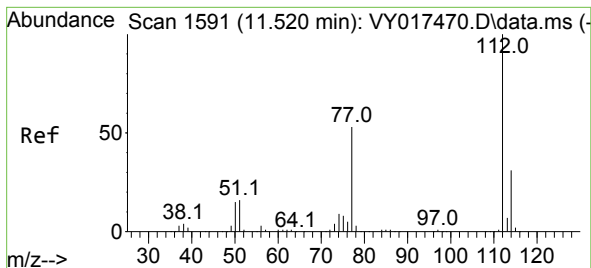
Tgt Ion:117 Resp: 191308
Ion Ratio Lower Upper
117 100
82 51.3 42.4 63.6
119 32.5 25.9 38.9



#64
Tetrachloroethene
Concen: 47.944 ug/l
RT: 10.728 min Scan# 1461
Delta R.T. 0.006 min
Lab File: VY017613.D
Acq: 08 Mar 2024 09:23

Tgt Ion:164 Resp: 88036
Ion Ratio Lower Upper
164 100
166 126.9 102.6 154.0
129 90.2 72.0 108.0
131 85.4 70.0 105.0





#65

Chlorobenzene

Concen: 52.802 ug/l

RT: 11.526 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017613.D

Acq: 08 Mar 2024 09:23

Instrument :

MSVOA_Y

ClientSampleId :

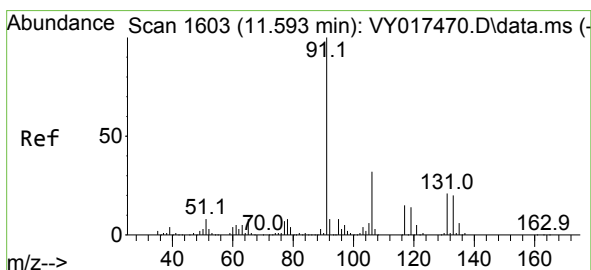
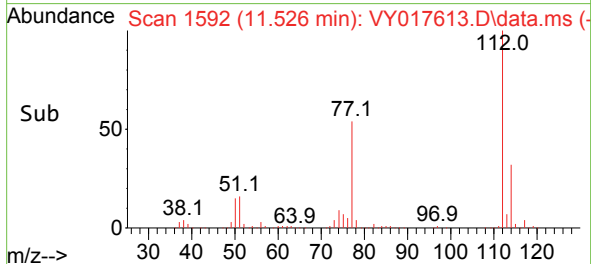
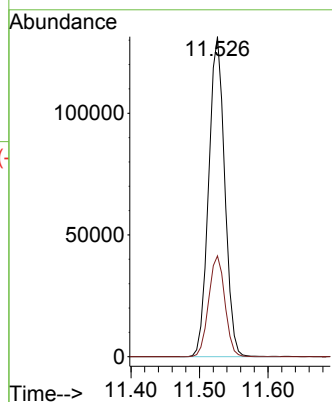
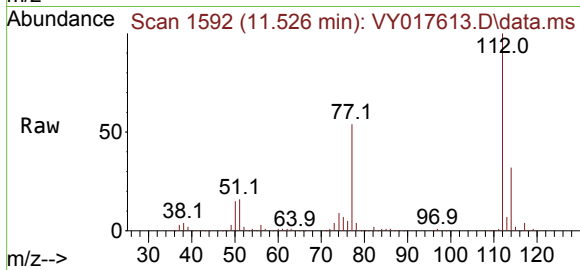
VSTDCCC050

Tgt Ion:112 Resp: 214410

Ion Ratio Lower Upper

112 100

114 31.5 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 52.645 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.006 min

Lab File: VY017613.D

Acq: 08 Mar 2024 09:23

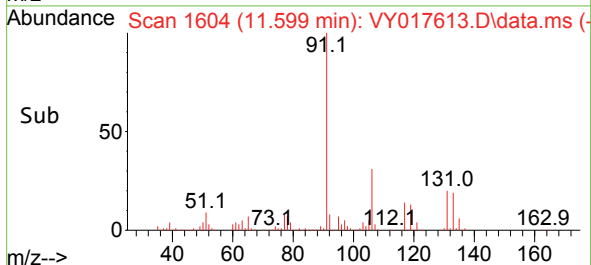
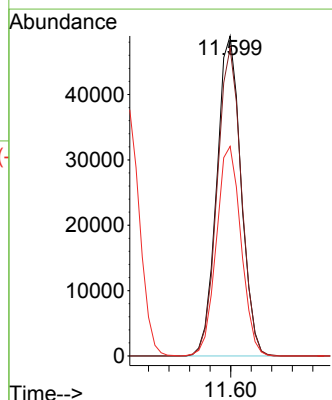
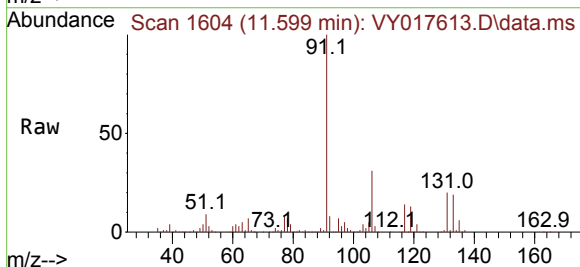
Tgt Ion:131 Resp: 80086

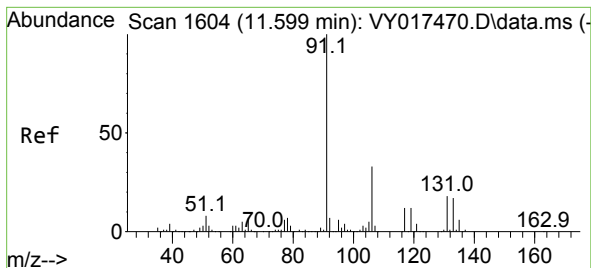
Ion Ratio Lower Upper

131 100

133 96.0 47.8 143.3

119 66.7 34.1 102.2





#67

Ethyl Benzene

Concen: 53.555 ug/l

RT: 11.599 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017613.D

Acq: 08 Mar 2024 09:23

Instrument :

MSVOA_Y

ClientSampleId :

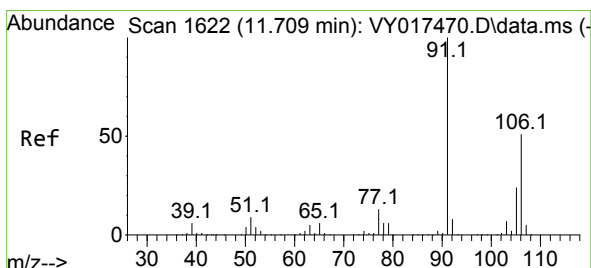
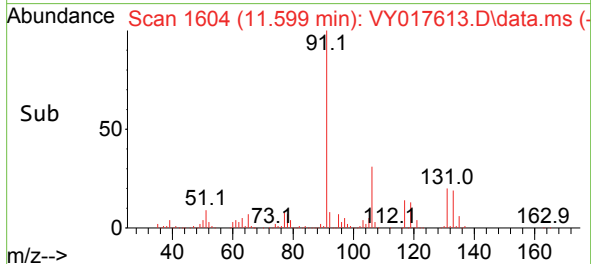
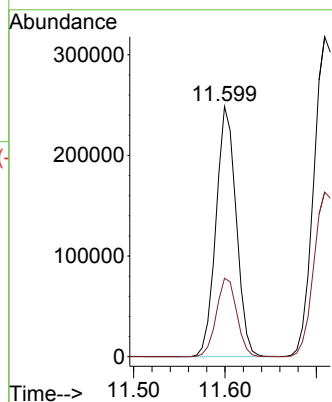
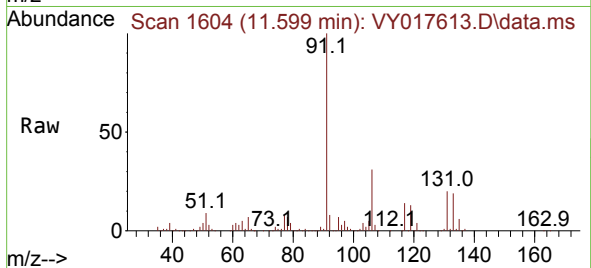
VSTDCCC050

Tgt Ion: 91 Resp: 381389

Ion Ratio Lower Upper

91 100

106 31.3 24.5 36.7



#68

m/p-Xylenes

Concen: 108.687 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY017613.D

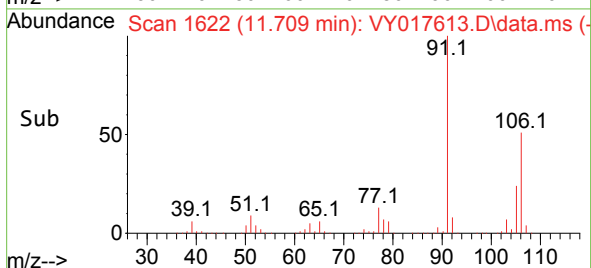
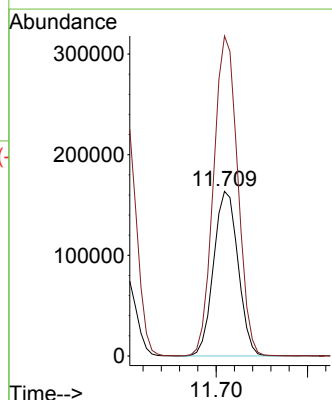
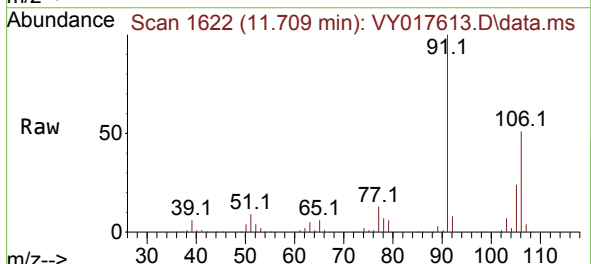
Acq: 08 Mar 2024 09:23

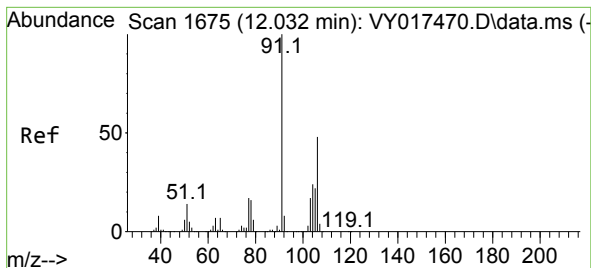
Tgt Ion:106 Resp: 304137

Ion Ratio Lower Upper

106 100

91 192.0 156.0 234.0





#69

o-Xylene

Concen: 53.985 ug/l

RT: 12.038 min Scan# 1675

Delta R.T. 0.006 min

Lab File: VY017613.D

Acq: 08 Mar 2024 09:23

Instrument :

MSVOA_Y

ClientSampleId :

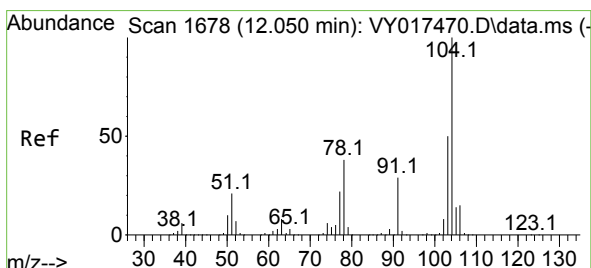
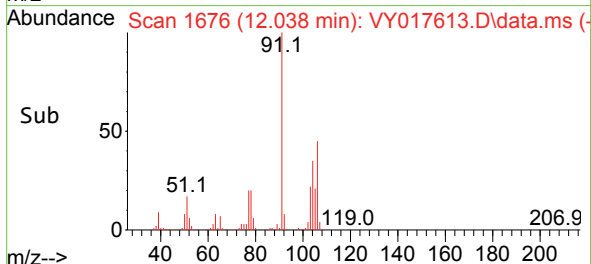
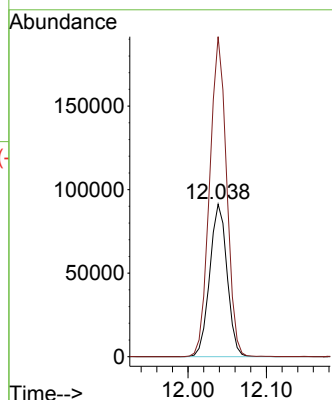
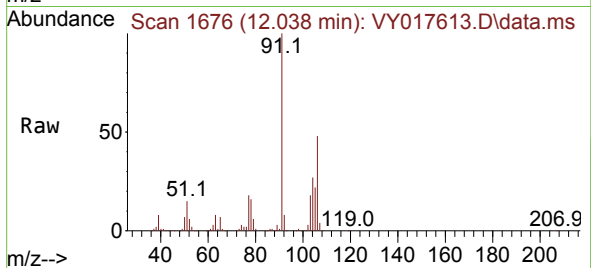
VSTDCCC050

Tgt Ion:106 Resp: 140148

Ion Ratio Lower Upper

106 100

91 205.4 103.6 310.8



#70

Styrene

Concen: 54.074 ug/l

RT: 12.051 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY017613.D

Acq: 08 Mar 2024 09:23

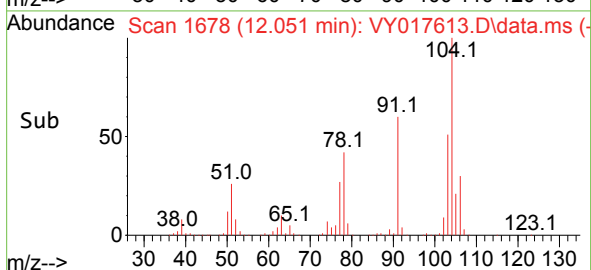
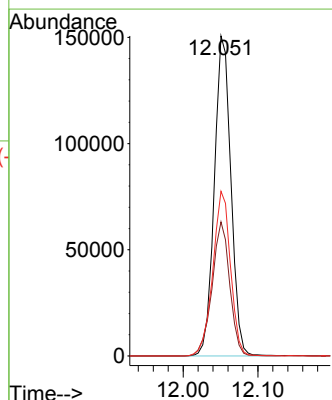
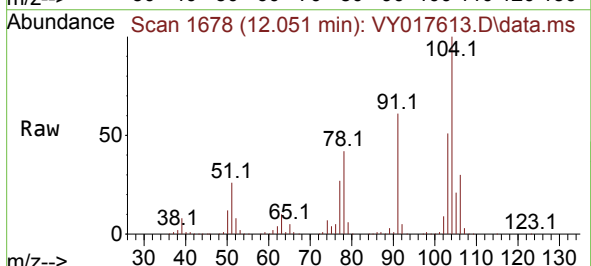
Tgt Ion:104 Resp: 233017

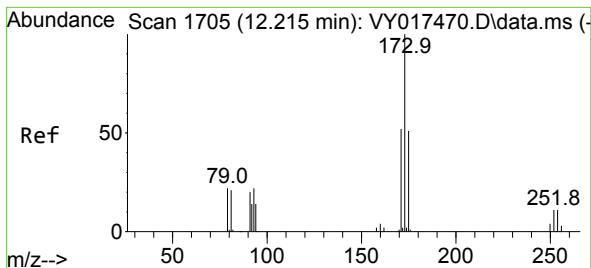
Ion Ratio Lower Upper

104 100

78 44.6 37.0 55.4

103 54.9 44.2 66.2





#71

Bromoform

Concen: 53.395 ug/l

RT: 12.215 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017613.D

Acq: 08 Mar 2024 09:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

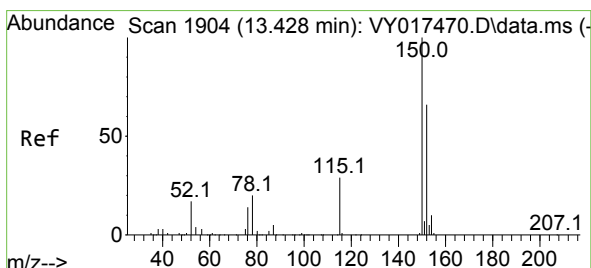
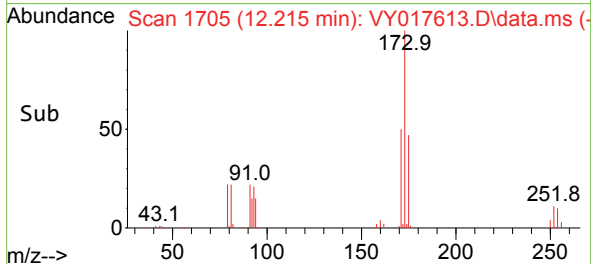
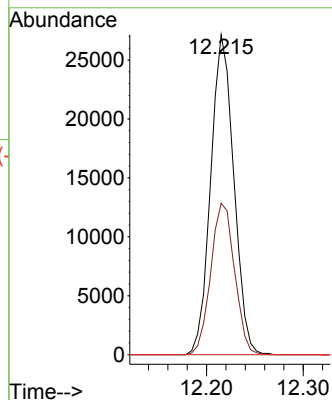
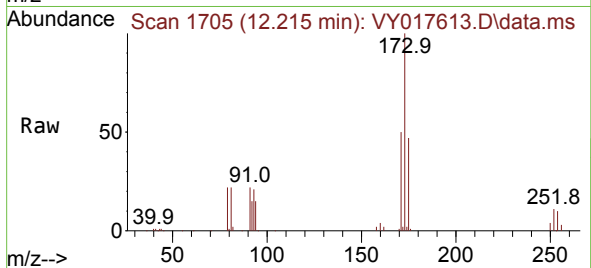
Tgt Ion:173 Resp: 45012

Ion Ratio Lower Upper

173 100

175 48.8 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY017613.D

Acq: 08 Mar 2024 09:23

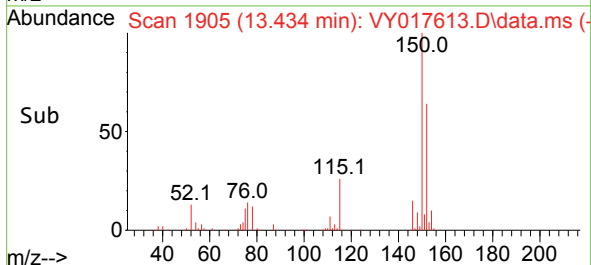
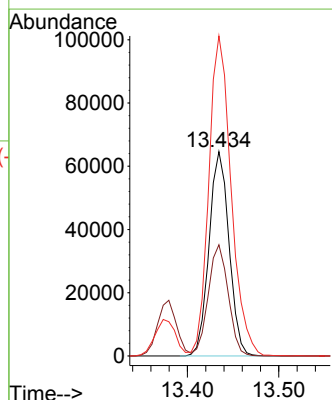
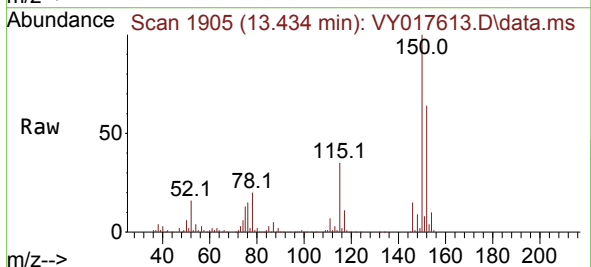
Tgt Ion:152 Resp: 98068

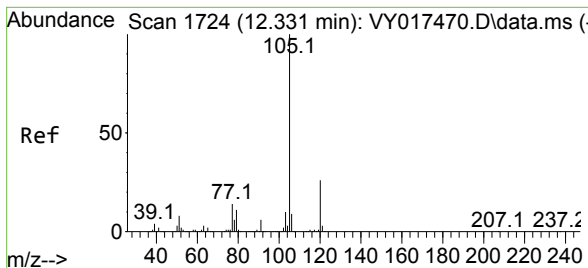
Ion Ratio Lower Upper

152 100

115 54.5 28.2 84.7

150 175.2 0.0 345.6





#73

Isopropylbenzene

Concen: 50.960 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017613.D

Acq: 08 Mar 2024 09:23

Instrument :

MSVOA_Y

ClientSampleId :

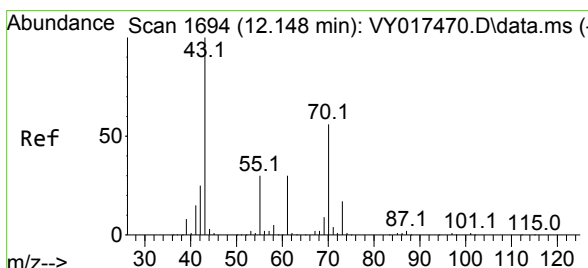
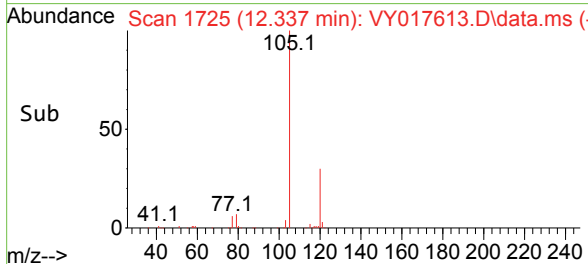
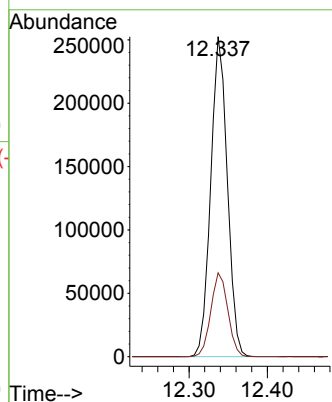
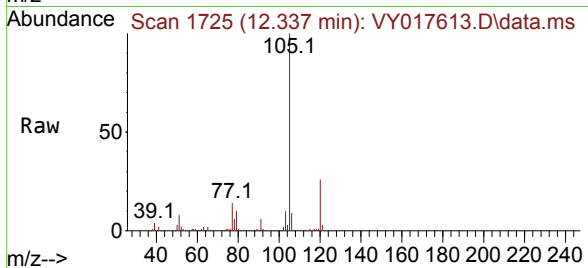
VSTDCCC050

Tgt Ion:105 Resp: 371287

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.1



#74

N-ethyl acetate

Concen: 50.185 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.006 min

Lab File: VY017613.D

Acq: 08 Mar 2024 09:23

Tgt Ion: 43 Resp: 64489

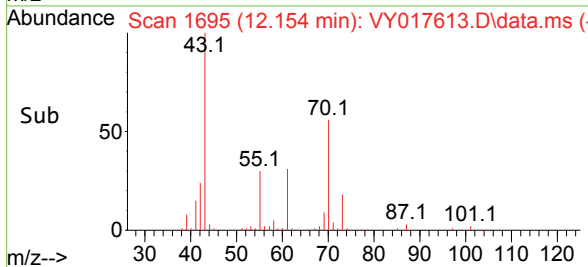
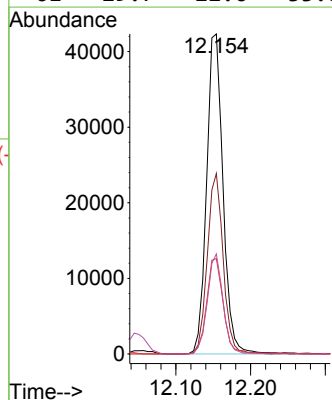
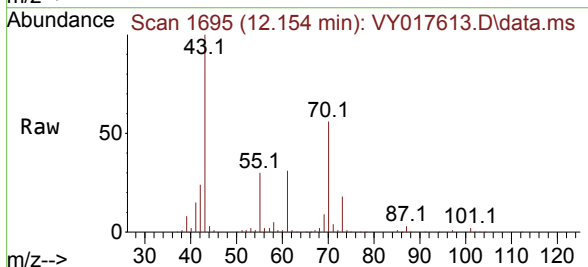
Ion Ratio Lower Upper

43 100

70 54.6 41.4 62.2

55 30.4 23.3 34.9

61 29.7 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 52.270 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. 0.006 min

Lab File: VY017613.D

Acq: 08 Mar 2024 09:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

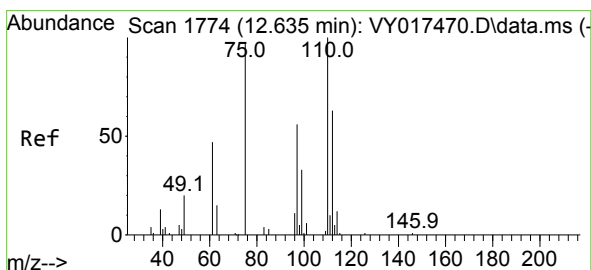
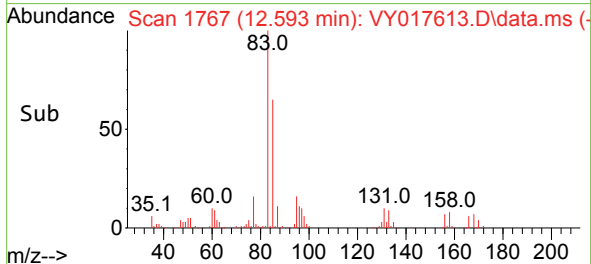
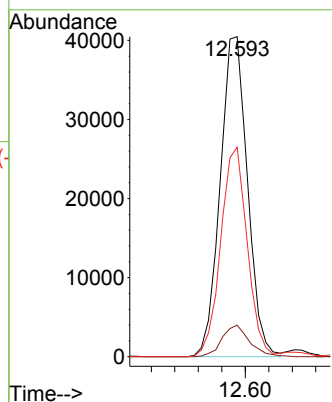
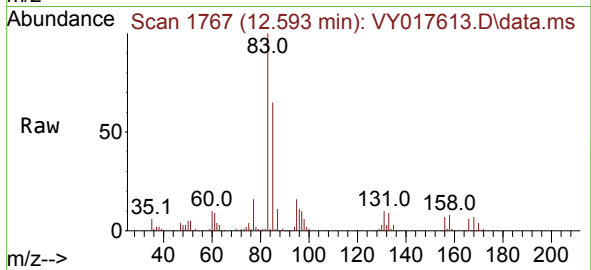
Tgt Ion: 83 Resp: 65397

Ion Ratio Lower Upper

83 100

131 9.9 5.0 14.9

85 63.6 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 85.488 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY017613.D

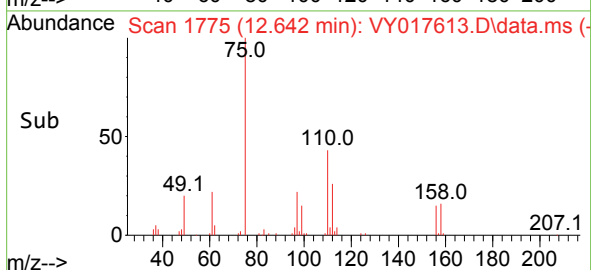
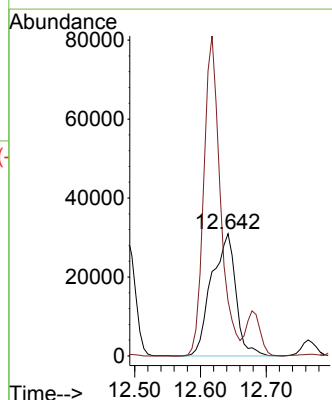
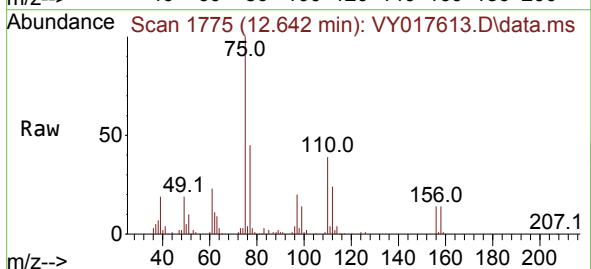
Acq: 08 Mar 2024 09:23

Tgt Ion: 75 Resp: 79657

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.547 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.006 min

Lab File: VY017613.D

Acq: 08 Mar 2024 09:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

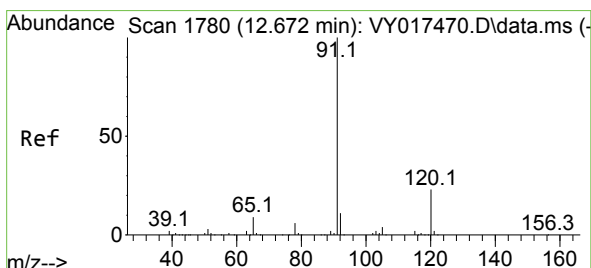
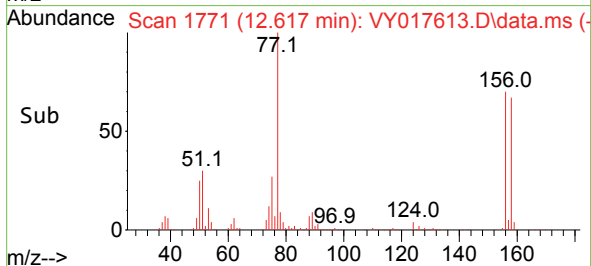
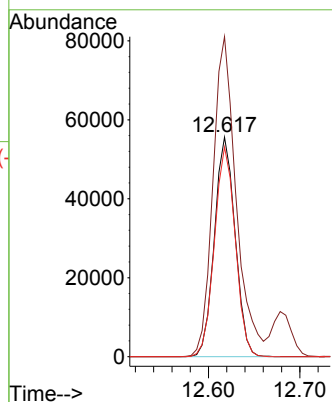
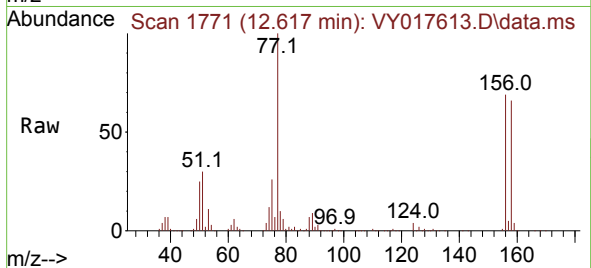
Tgt Ion:156 Resp: 87421

Ion Ratio Lower Upper

156 100

77 163.4 87.1 261.3

158 96.2 48.6 145.9



#78

n-propylbenzene

Concen: 51.698 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.006 min

Lab File: VY017613.D

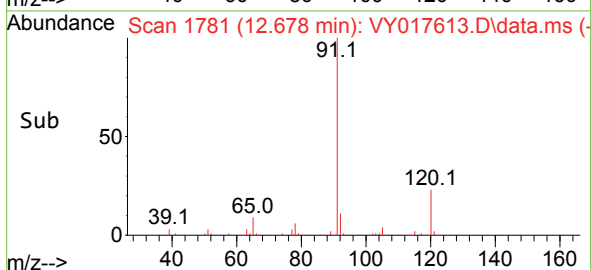
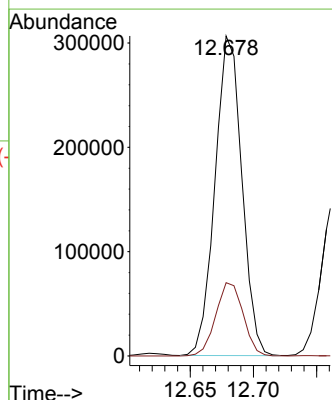
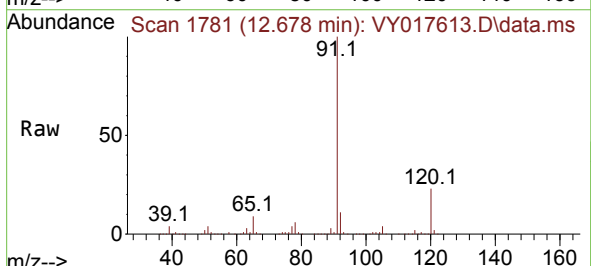
Acq: 08 Mar 2024 09:23

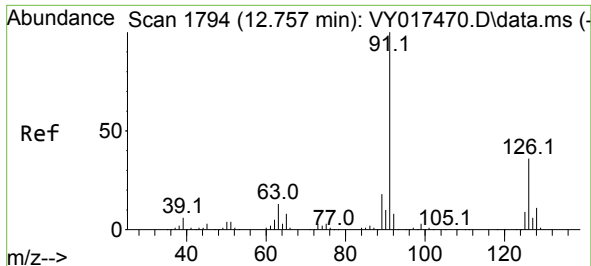
Tgt Ion: 91 Resp: 451953

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4

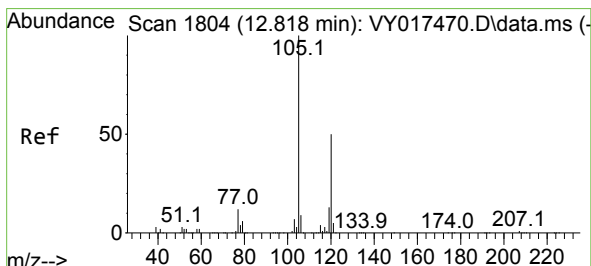
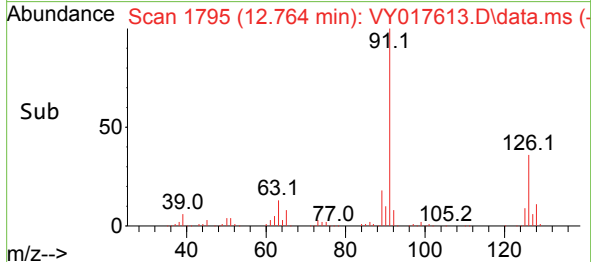
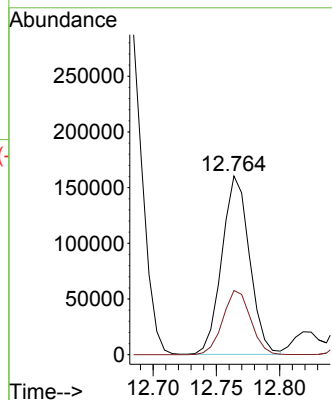
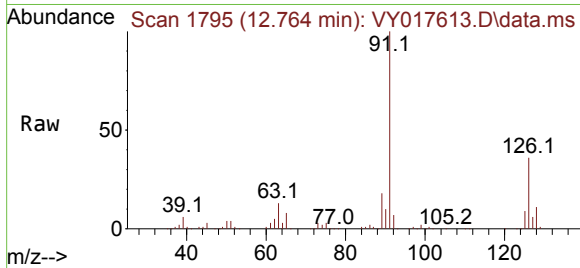




#79
2-Chlorotoluene
Concen: 49.821 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VY017613.D
Acq: 08 Mar 2024 09:23

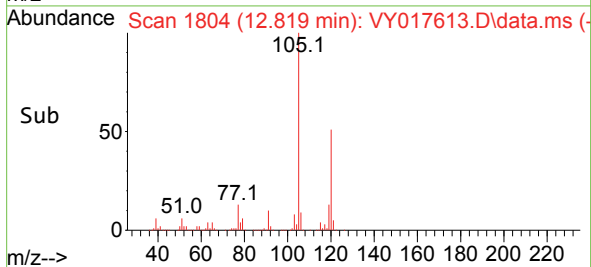
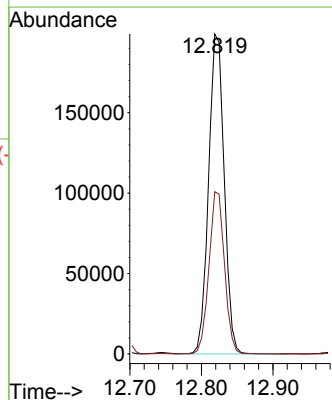
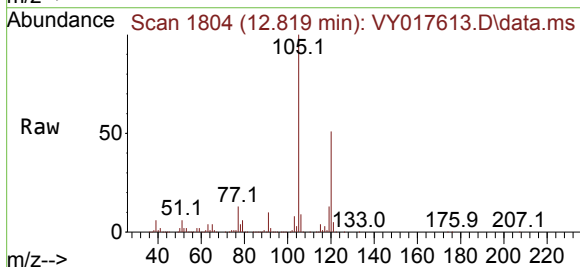
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

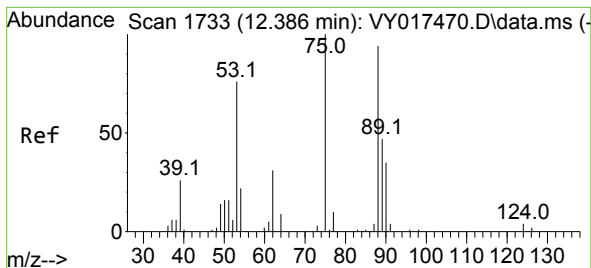
Tgt Ion: 91 Resp: 243850
Ion Ratio Lower Upper
91 100
126 36.2 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 51.719 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY017613.D
Acq: 08 Mar 2024 09:23

Tgt Ion: 105 Resp: 301893
Ion Ratio Lower Upper
105 100
120 50.5 25.1 75.2

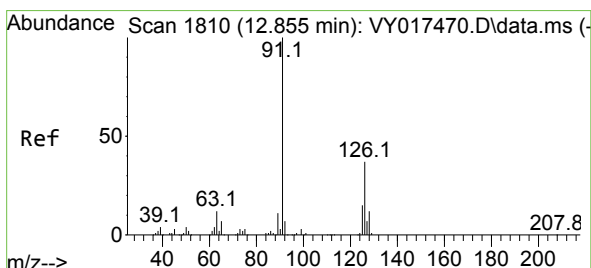
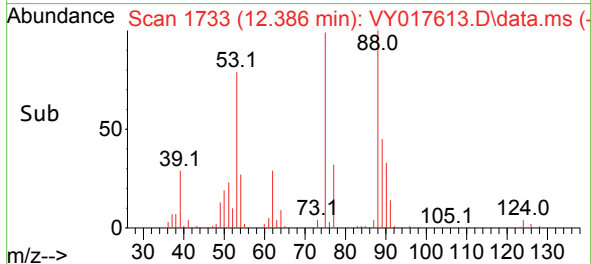
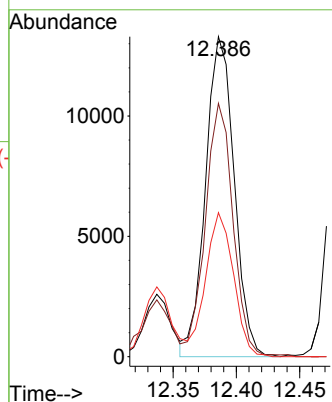
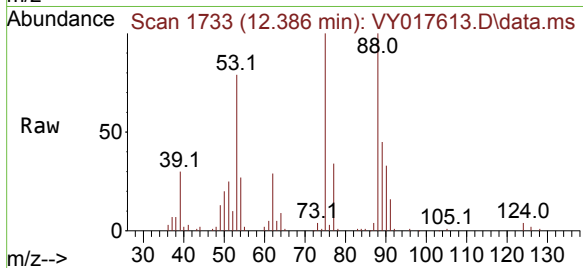




#81
trans-1,4-Dichloro-2-butene
Concen: 51.650 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY017613.D
Acq: 08 Mar 2024 09:23

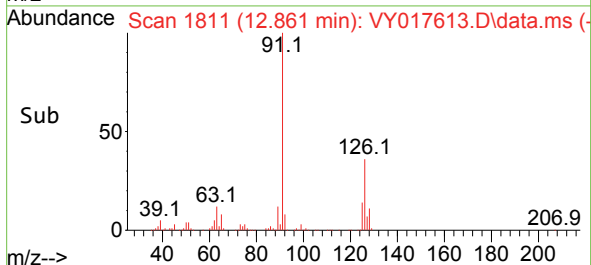
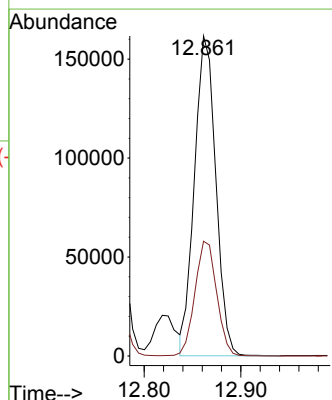
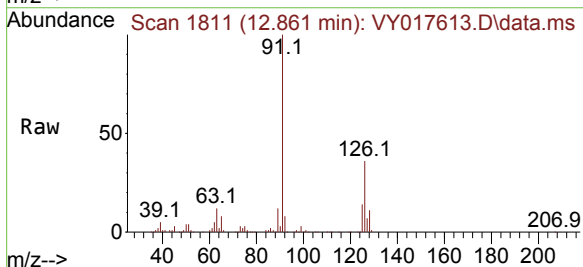
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

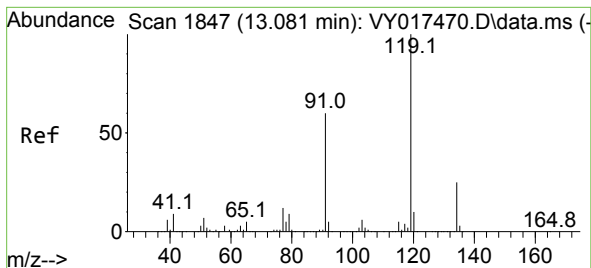
Tgt Ion:	75	Resp:	20945
Ion Ratio	Lower	Upper	
75	100		
53	76.9	66.8	100.2
89	43.5	35.8	53.6



#82
4-Chlorotoluene
Concen: 49.551 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY017613.D
Acq: 08 Mar 2024 09:23

Tgt Ion:	91	Resp:	248066
Ion Ratio	Lower	Upper	
91	100		
126	36.7	17.6	52.9

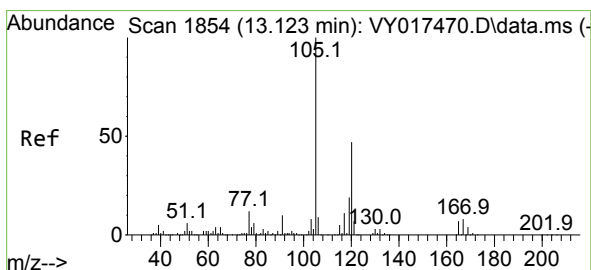
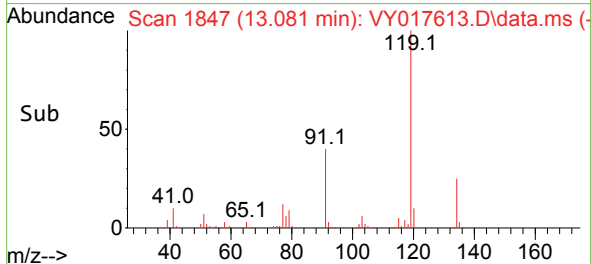
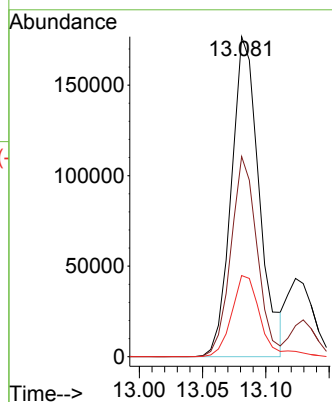
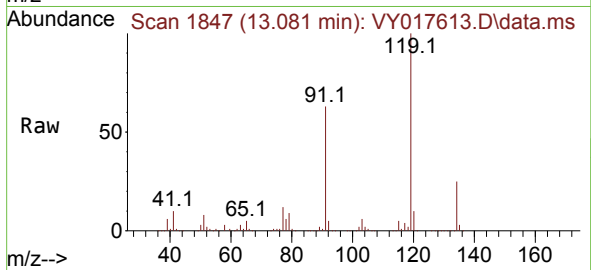




#83
tert-Butylbenzene
Concen: 52.809 ug/l
RT: 13.081 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY017613.D
Acq: 08 Mar 2024 09:23

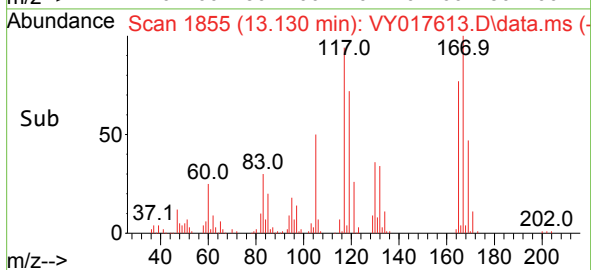
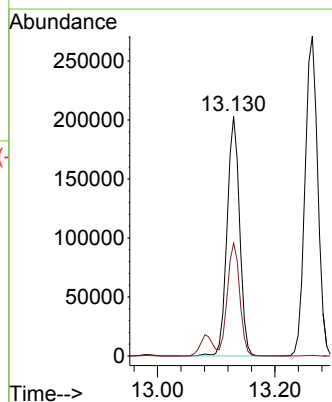
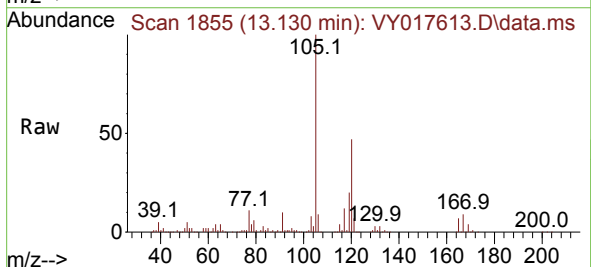
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

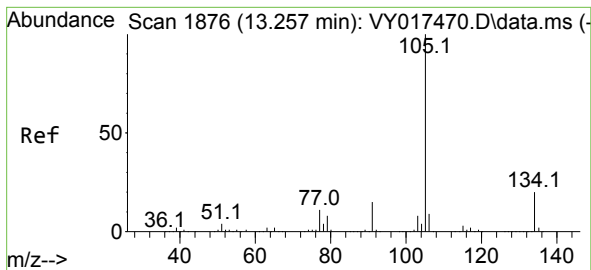
Tgt Ion	Resp	Ion	Ratio	Lower	Upper
119	270685	119	100		
		91	59.0	31.3	93.8
		134	26.3	13.4	40.1



#84
1,2,4-Trimethylbenzene
Concen: 52.076 ug/l
RT: 13.130 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VY017613.D
Acq: 08 Mar 2024 09:23

Tgt Ion	Resp	Ion	Ratio	Lower	Upper
105	300098	105	100		
		120	46.3	23.2	69.6





#85

sec-Butylbenzene

Concen: 51.968 ug/l

RT: 13.264 min Scan# 1876

Delta R.T. 0.006 min

Lab File: VY017613.D

Acq: 08 Mar 2024 09:23

Instrument :

MSVOA_Y

ClientSampleId :

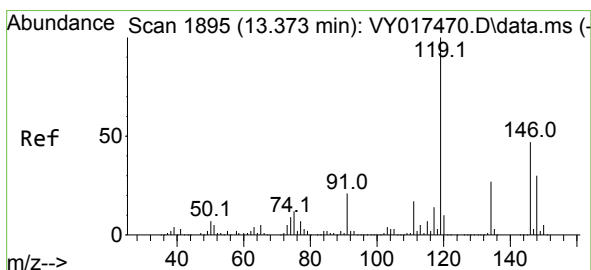
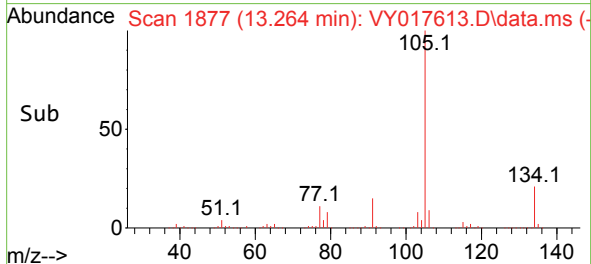
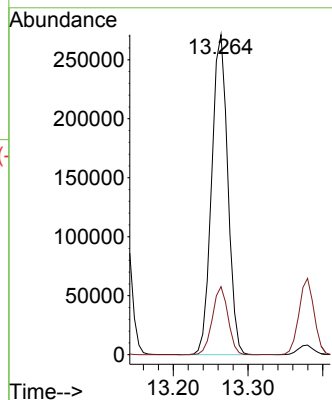
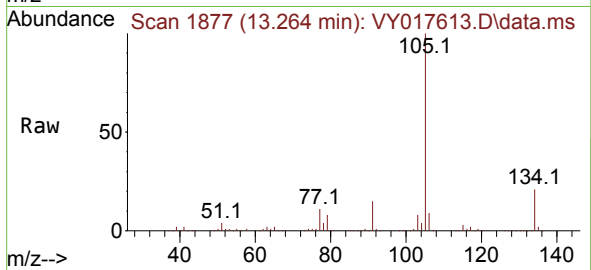
VSTDCCC050

Tgt Ion:105 Resp: 407257

Ion Ratio Lower Upper

105 100

134 20.6 10.1 30.1



#86

p-Isopropyltoluene

Concen: 53.319 ug/l

RT: 13.380 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY017613.D

Acq: 08 Mar 2024 09:23

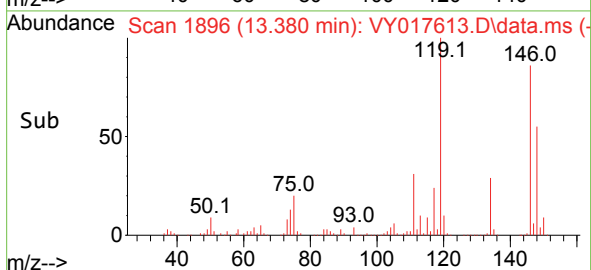
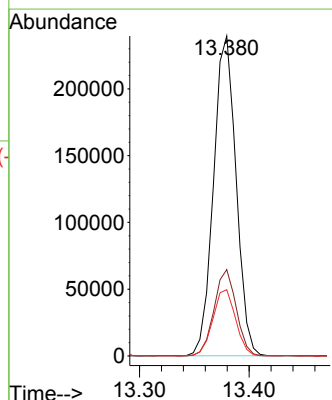
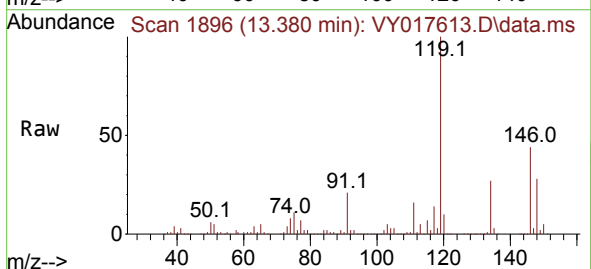
Tgt Ion:119 Resp: 342050

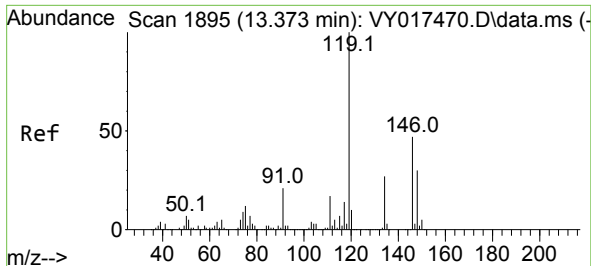
Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

91 21.0 10.7 32.1

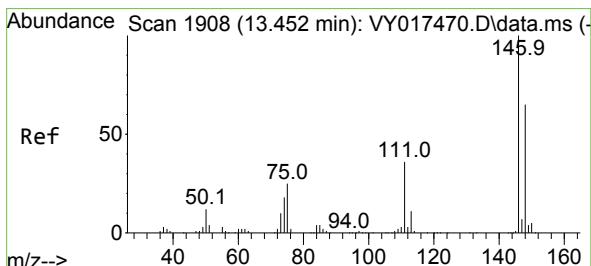
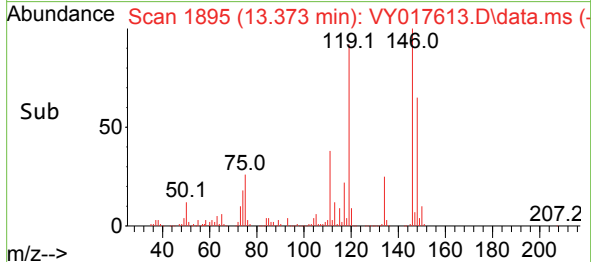
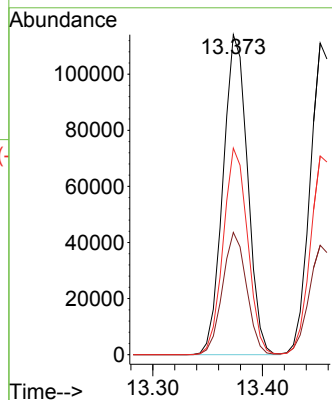
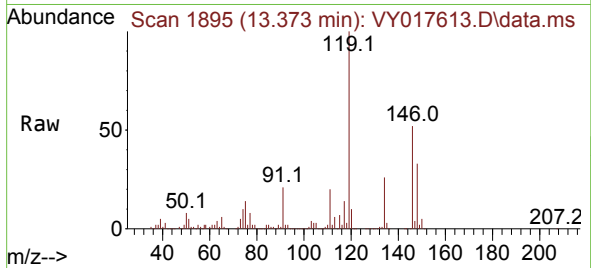




#87
1,3-Dichlorobenzene
Concen: 50.108 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY017613.D
Acq: 08 Mar 2024 09:23

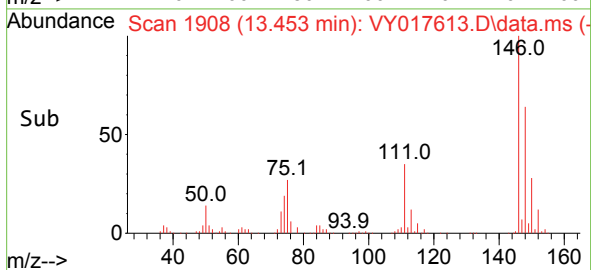
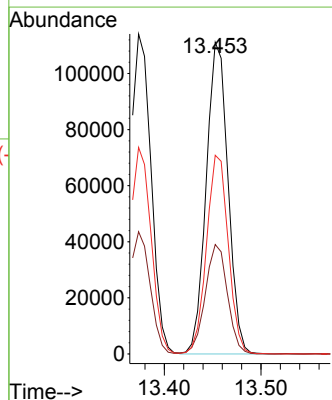
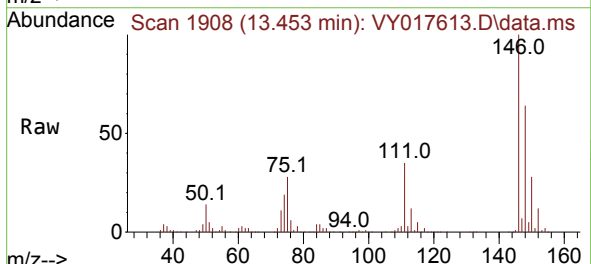
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

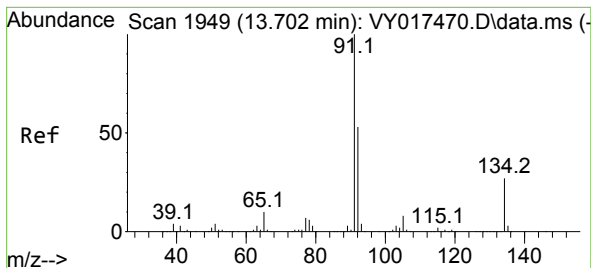
Tgt Ion:146 Resp: 177459
Ion Ratio Lower Upper
146 100
111 37.4 19.0 57.0
148 64.1 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 50.521 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY017613.D
Acq: 08 Mar 2024 09:23

Tgt Ion:146 Resp: 173948
Ion Ratio Lower Upper
146 100
111 35.9 18.4 55.4
148 63.8 32.4 97.2





#89

n-Butylbenzene

Concen: 53.564 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY017613.D

Acq: 08 Mar 2024 09:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

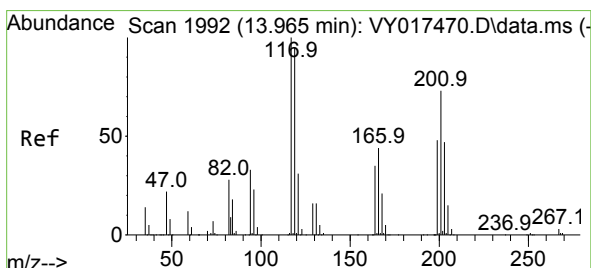
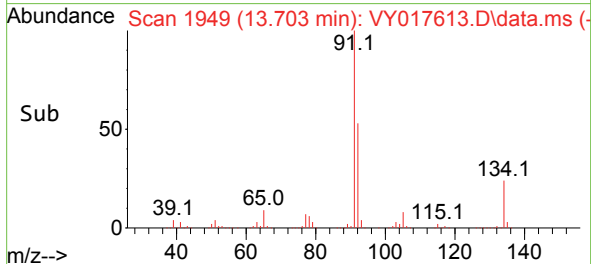
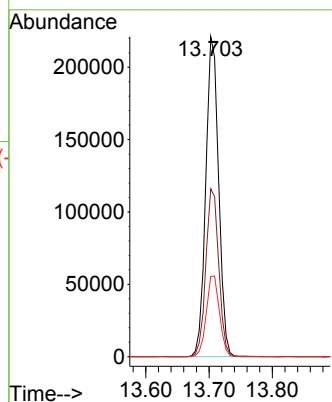
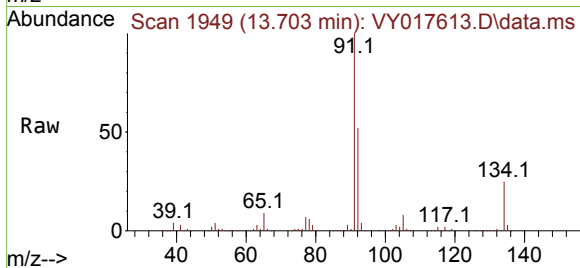
Tgt Ion: 91 Resp: 313506

Ion Ratio Lower Upper

91 100

92 52.7 26.6 79.7

134 25.8 12.9 38.7



#90

Hexachloroethane

Concen: 51.254 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.006 min

Lab File: VY017613.D

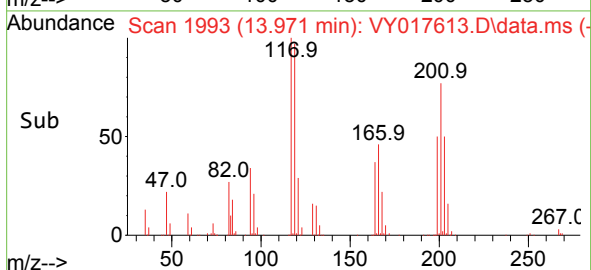
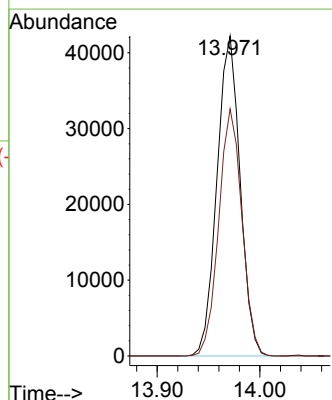
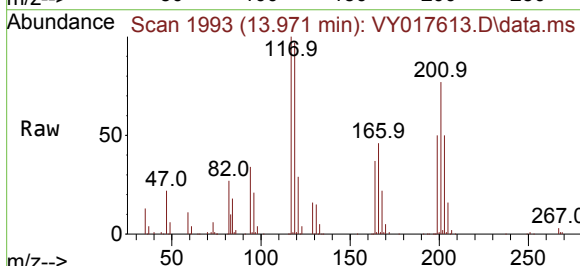
Acq: 08 Mar 2024 09:23

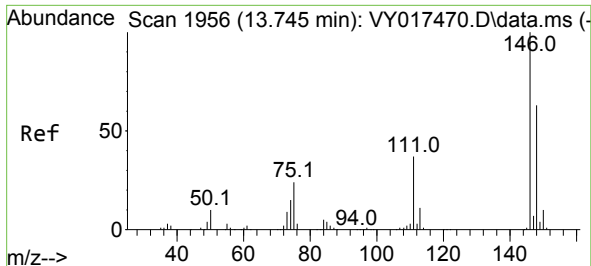
Tgt Ion: 117 Resp: 65919

Ion Ratio Lower Upper

117 100

201 77.4 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 50.565 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VY017613.D

Acq: 08 Mar 2024 09:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

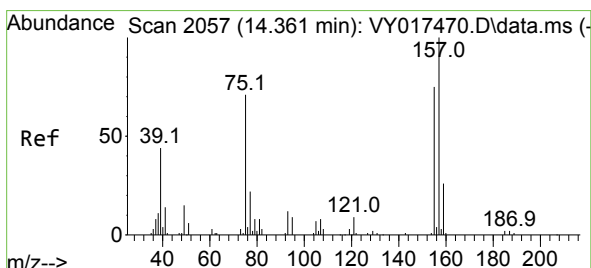
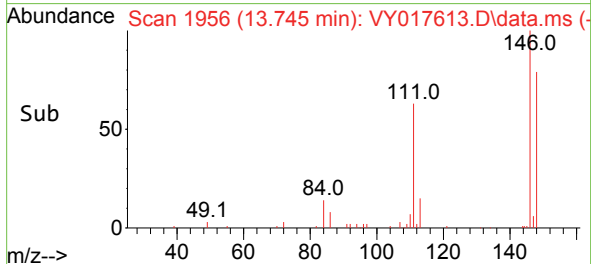
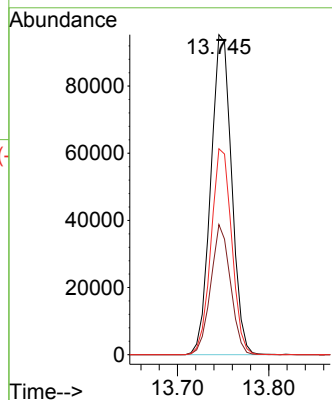
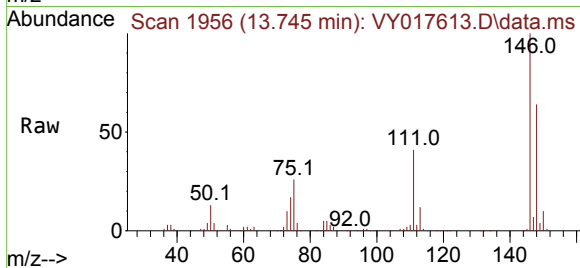
Tgt Ion:146 Resp: 151474

Ion Ratio Lower Upper

146 100

111 38.5 19.9 59.7

148 63.9 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.900 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VY017613.D

Acq: 08 Mar 2024 09:23

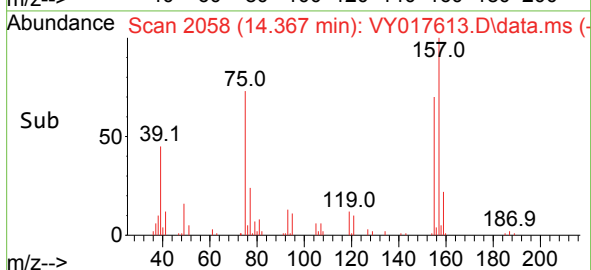
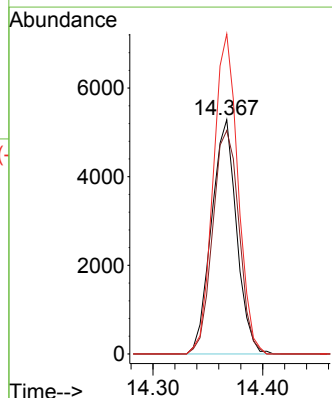
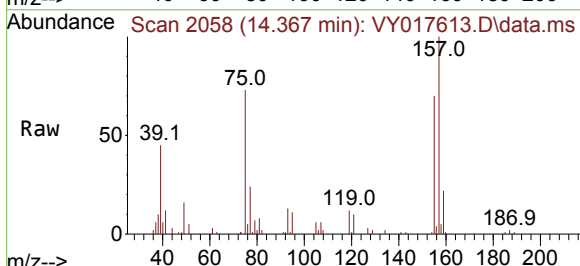
Tgt Ion: 75 Resp: 8425

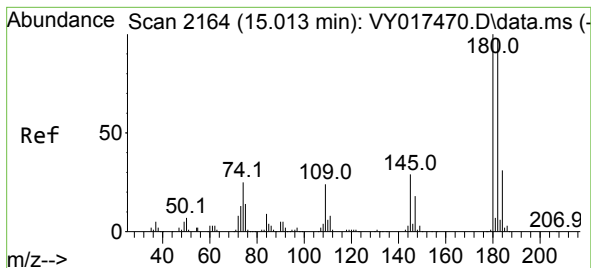
Ion Ratio Lower Upper

75 100

155 99.7 48.6 145.8

157 133.6 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 54.938 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017613.D

Acq: 08 Mar 2024 09:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

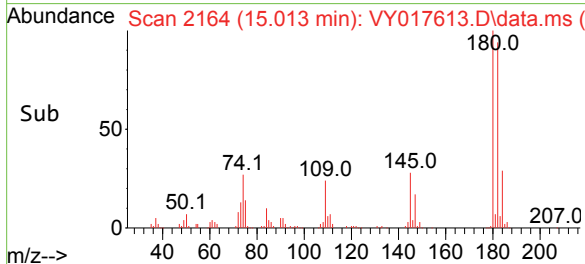
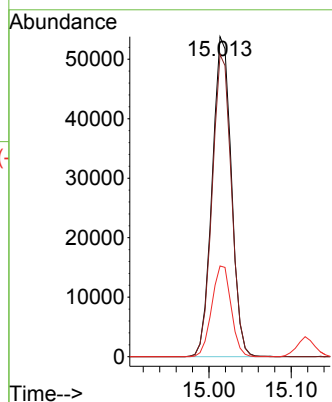
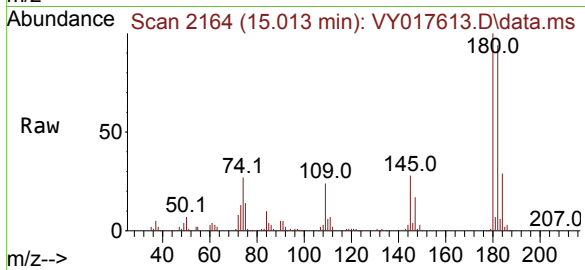
Tgt Ion:180 Resp: 86928

Ion Ratio Lower Upper

180 100

182 94.9 47.9 143.8

145 28.6 14.2 42.6



#94

Hexachlorobutadiene

Concen: 53.981 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY017613.D

Acq: 08 Mar 2024 09:23

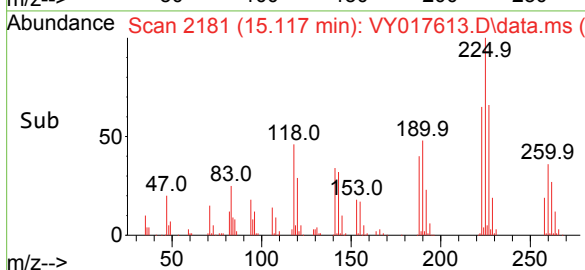
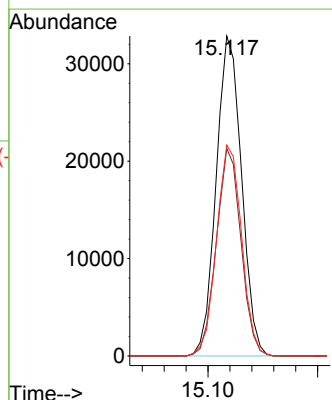
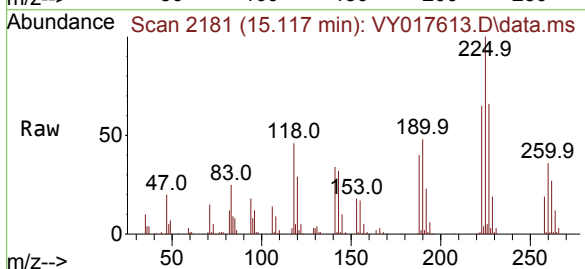
Tgt Ion:225 Resp: 52735

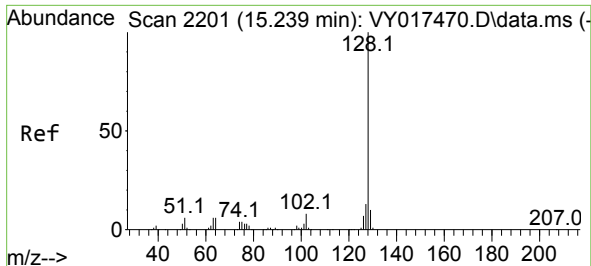
Ion Ratio Lower Upper

225 100

223 63.1 30.4 91.2

227 65.3 31.9 95.9

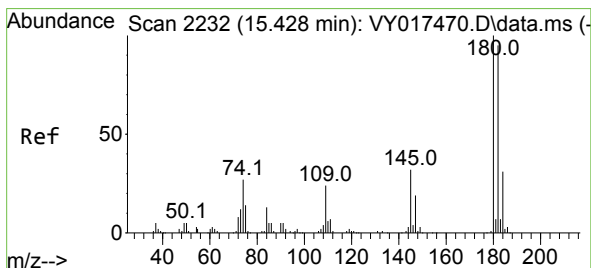
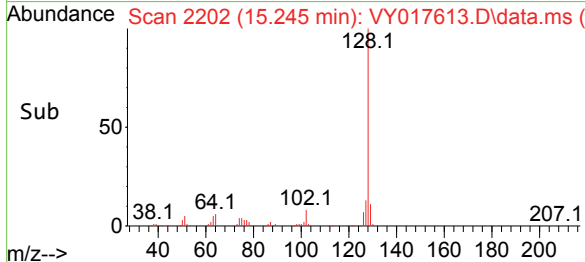
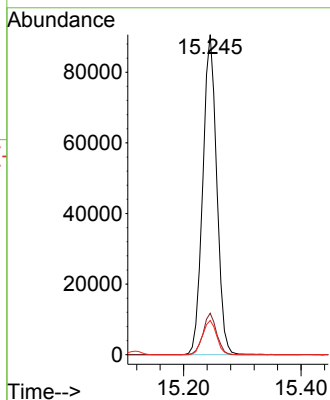
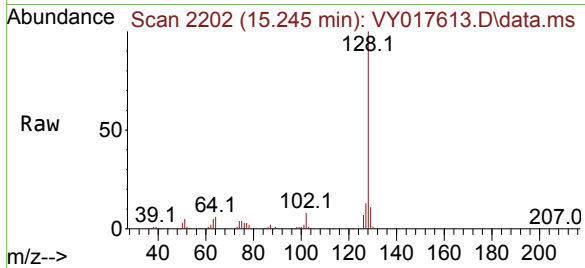




#95
Naphthalene
Concen: 48.656 ug/l
RT: 15.245 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY017613.D
Acq: 08 Mar 2024 09:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 148829
Ion Ratio Lower Upper
128 100
127 12.6 10.6 16.0
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 54.595 ug/l
RT: 15.434 min Scan# 2233
Delta R.T. 0.006 min
Lab File: VY017613.D
Acq: 08 Mar 2024 09:23

Tgt Ion:180 Resp: 74108
Ion Ratio Lower Upper
180 100
182 94.9 47.6 142.9
145 29.9 15.4 46.1

