

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017216.D
 Acq On : 03 Feb 2024 05:15
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Feb 03 05:37:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.819	168	109685	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.715	114	196500	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	174104	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	77523	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	55973	57.124	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.240%	
35) Dibromofluoromethane	7.746	113	58838	55.457	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.920%	
50) Toluene-d8	10.203	98	216866	56.140	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.280%	
62) 4-Bromofluorobenzene	12.501	95	69690	55.072	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.140%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	31555	37.950	ug/l	99
3) Chloromethane	2.125	50	65628	43.936	ug/l	97
4) Vinyl Chloride	2.265	62	75619	41.542	ug/l	100
5) Bromomethane	2.668	94	57851	45.848	ug/l	98
6) Chloroethane	2.814	64	52970	45.068	ug/l	98
7) Trichlorofluoromethane	3.149	101	74751	39.936	ug/l	99
8) Diethyl Ether	3.552	74	28131	47.779	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.930	101	47486	41.850	ug/l	99
10) Methyl Iodide	4.119	142	51478	43.155	ug/l	99
11) Tert butyl alcohol	4.984	59	16429	195.618	ug/l	100
12) 1,1-Dichloroethene	3.899	96	48057	45.201	ug/l	94
13) Acrolein	3.753	56	17466	213.410	ug/l	97
14) Allyl chloride	4.509	41	74477	46.336	ug/l	96
15) Acrylonitrile	5.198	53	62928	237.382	ug/l	99
16) Acetone	3.972	43	45716	158.740	ug/l	98
17) Carbon Disulfide	4.228	76	155366	45.778	ug/l	99
18) Methyl Acetate	4.509	43	34545	53.769	ug/l	98
19) Methyl tert-butyl Ether	5.253	73	120378	47.012	ug/l	100
20) Methylene Chloride	4.747	84	61845	52.616	ug/l	98
21) trans-1,2-Dichloroethene	5.259	96	59433	49.139	ug/l	99
22) Diisopropyl ether	6.149	45	180114	51.028	ug/l	99
23) Vinyl Acetate	6.094	43	486600	227.520	ug/l	100
24) 1,1-Dichloroethane	6.051	63	104973	48.547	ug/l	97
25) 2-Butanone	7.021	43	74651	194.986	ug/l	100
26) 2,2-Dichloropropane	7.015	77	70154	39.006	ug/l	99
27) cis-1,2-Dichloroethene	7.015	96	67479	49.883	ug/l	96
28) Bromochloromethane	7.362	49	44557	53.817	ug/l	100
29) Tetrahydrofuran	7.374	42	51470	237.988	ug/l	99
30) Chloroform	7.533	83	107032	49.206	ug/l	99
31) Cyclohexane	7.813	56	81730	41.382	ug/l	99
32) 1,1,1-Trichloroethane	7.728	97	86935	46.464	ug/l	99
36) 1,1-Dichloropropene	7.941	75	79000	43.167	ug/l	99
37) Ethyl Acetate	7.106	43	34800	40.998	ug/l	99
38) Carbon Tetrachloride	7.929	117	73782	42.107	ug/l	99
39) Methylcyclohexane	9.209	83	88267	41.284	ug/l	99
40) Benzene	8.185	78	248111	47.474	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	18470	45.926	ug/l	89
42) 1,2-Dichloroethane	8.264	62	62591	45.233	ug/l	99
43) Isopropyl Acetate	8.295	43	66324	44.140	ug/l	99
44) Trichloroethene	8.965	130	61370	46.259	ug/l	99
45) 1,2-Dichloropropane	9.240	63	61110	47.604	ug/l	94
46) Dibromomethane	9.325	93	32051	46.221	ug/l	99
47) Bromodichloromethane	9.520	83	80931	46.635	ug/l	99
48) Methyl methacrylate	9.313	41	30569	43.373	ug/l	95
49) 1,4-Dioxane	9.319	88	6364	843.176	ug/l	98
51) 4-Methyl-2-Pentanone	10.087	43	179937	223.396	ug/l	100
52) Toluene	10.264	92	150211	47.616	ug/l	100
53) t-1,3-Dichloropropene	10.483	75	72812	44.668	ug/l	97
54) cis-1,3-Dichloropropene	9.947	75	89367	45.771	ug/l	99
55) 1,1,2-Trichloroethane	10.666	97	43819	46.445	ug/l	98
56) Ethyl methacrylate	10.532	69	53451	42.582	ug/l	99
57) 1,3-Dichloropropane	10.807	76	76253	46.991	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	149070	253.624	ug/l	99
59) 2-Hexanone	10.849	43	117784	202.227	ug/l	99
60) Dibromochloromethane	11.002	129	50533	45.657	ug/l	98
61) 1,2-Dibromoethane	11.111	107	40482	46.136	ug/l	99
64) Tetrachloroethene	10.740	164	54108	47.853	ug/l	98
65) Chlorobenzene	11.538	112	154823	46.098	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.611	131	55711	45.644	ug/l	99
67) Ethyl Benzene	11.611	91	279028	45.968	ug/l	99
68) m/p-Xylenes	11.721	106	213094	92.508	ug/l	100
69) o-Xylene	12.050	106	100563	47.406	ug/l	99
70) Styrene	12.062	104	169681	48.547	ug/l	98
71) Bromoform	12.227	173	28674	44.859	ug/l #	97
73) Isopropylbenzene	12.349	105	258678	45.421	ug/l	99
74) N-amyl acetate	12.160	43	55041	43.012	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.599	83	48587	43.376	ug/l	98
76) 1,2,3-Trichloropropane	12.648	75	57996	81.054	ug/l #	100
77) Bromobenzene	12.629	156	57273	45.338	ug/l	98
78) n-propylbenzene	12.690	91	317854	45.443	ug/l	100
79) 2-Chlorotoluene	12.776	91	177479	46.153	ug/l	99
80) 1,3,5-Trimethylbenzene	12.831	105	209940	46.351	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.398	75	13327	38.701	ug/l	99
82) 4-Chlorotoluene	12.873	91	181798	45.935	ug/l	100
83) tert-Butylbenzene	13.093	119	179538	46.242	ug/l	100
84) 1,2,4-Trimethylbenzene	13.135	105	207361	46.381	ug/l	99
85) sec-Butylbenzene	13.270	105	271743	44.782	ug/l	99
86) p-Isopropyltoluene	13.385	119	218636	45.088	ug/l	100
87) 1,3-Dichlorobenzene	13.385	146	113114	44.885	ug/l	98
88) 1,4-Dichlorobenzene	13.465	146	111003	45.338	ug/l	100
89) n-Butylbenzene	13.715	91	205727	44.622	ug/l	99
90) Hexachloroethane	13.977	117	44500	44.702	ug/l	100
91) 1,2-Dichlorobenzene	13.757	146	97454	45.426	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	6015	41.226	ug/l	98
93) 1,2,4-Trichlorobenzene	15.025	180	46924	44.034	ug/l	99
94) Hexachlorobutadiene	15.129	225	26893	42.850	ug/l	98
95) Naphthalene	15.257	128	87016	41.447	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	40513	44.701	ug/l	98

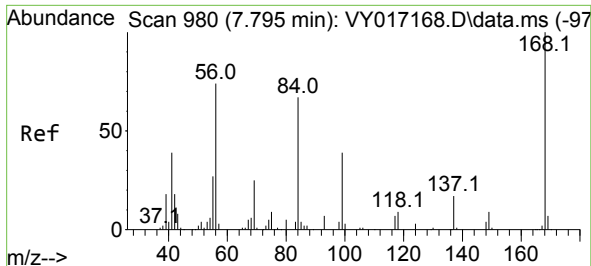
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
Data File : VY017216.D
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
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Response via : Initial Calibration

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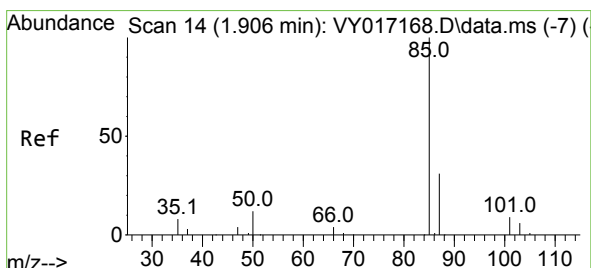
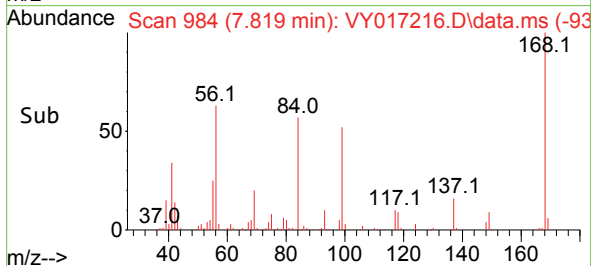
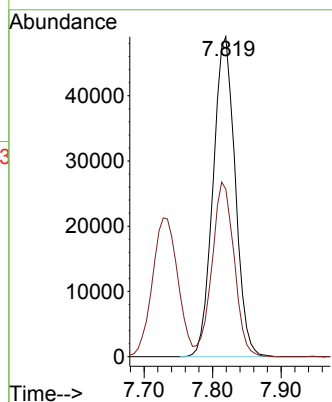
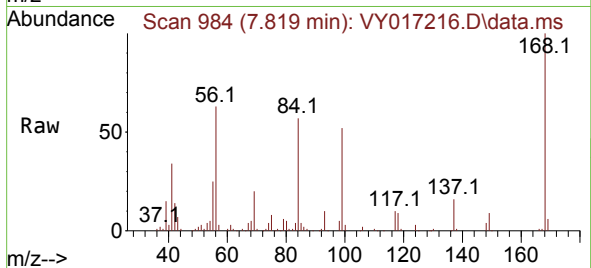
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.024 min
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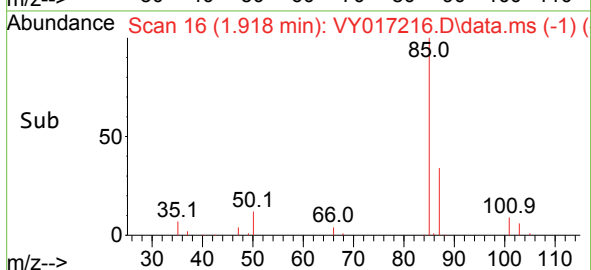
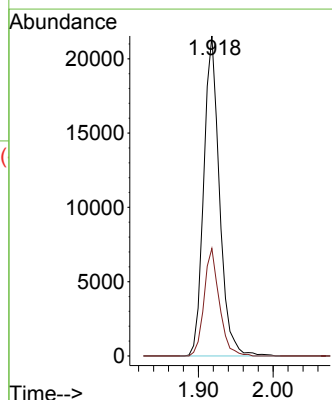
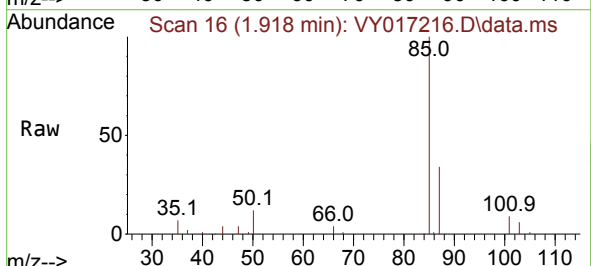
Instrument :
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ClientSampleId :
VSTDCCC050EC

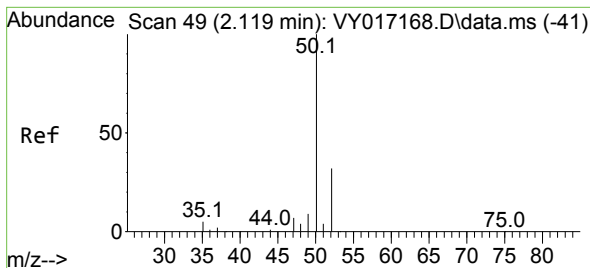
Tgt Ion:168 Resp: 109685
Ion Ratio Lower Upper
168 100
99 52.4 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 37.950 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.012 min
Lab File: VY017216.D
Acq: 03 Feb 2024 05:15

Tgt Ion: 85 Resp: 31555
Ion Ratio Lower Upper
85 100
87 33.6 17.1 51.3





#3

Chloromethane

Concen: 43.936 ug/l

RT: 2.125 min Scan# 50

Delta R.T. 0.006 min

Lab File: VY017216.D

Acq: 03 Feb 2024 05:15

Instrument :

MSVOA_Y

ClientSampleId :

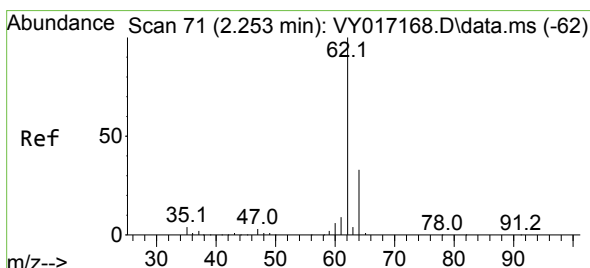
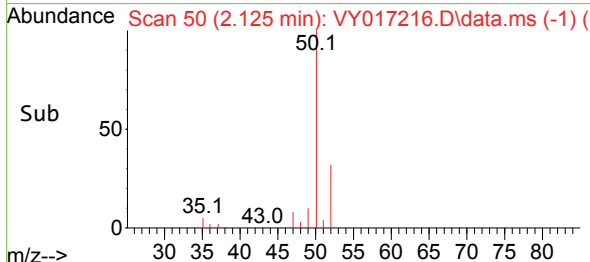
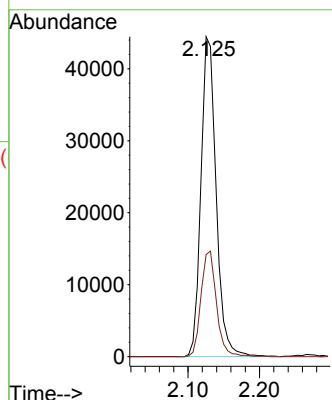
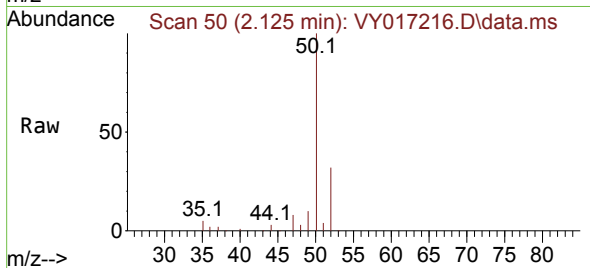
VSTDCCC050EC

Tgt Ion: 50 Resp: 65628

Ion Ratio Lower Upper

50 100

52 31.9 26.7 40.1



#4

Vinyl Chloride

Concen: 41.542 ug/l

RT: 2.265 min Scan# 73

Delta R.T. 0.012 min

Lab File: VY017216.D

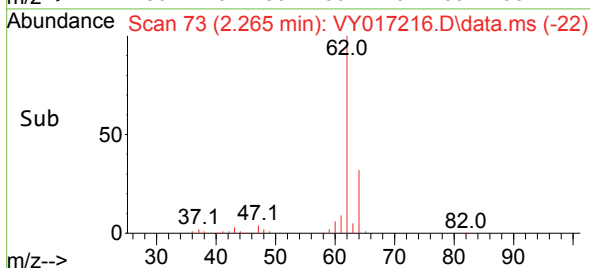
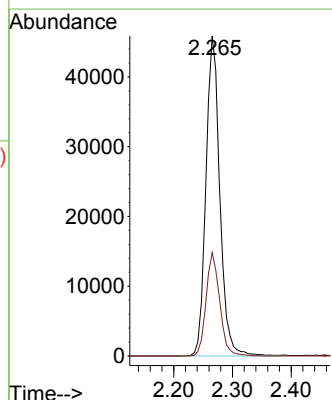
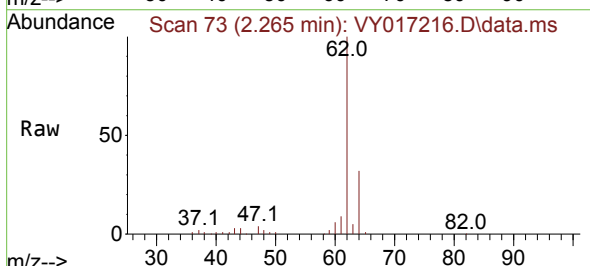
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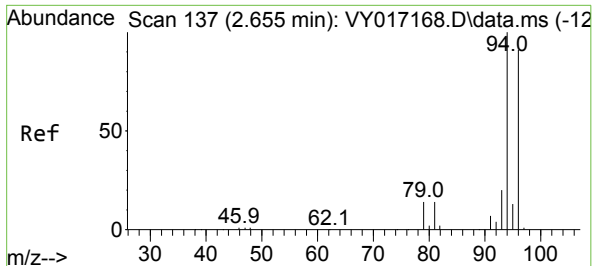
Tgt Ion: 62 Resp: 75619

Ion Ratio Lower Upper

62 100

64 32.3 25.7 38.5

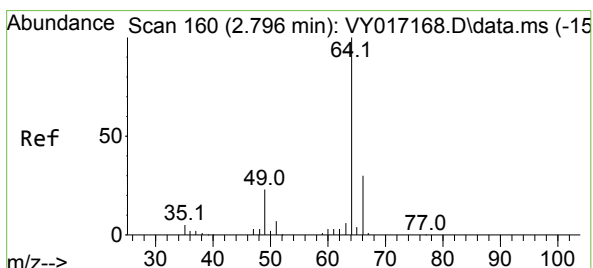
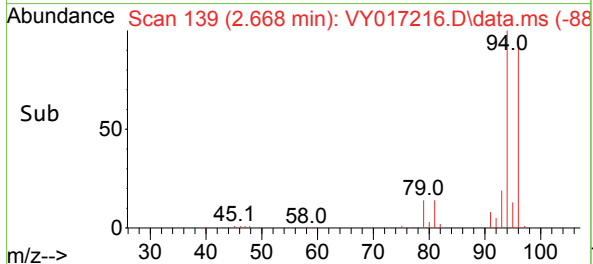
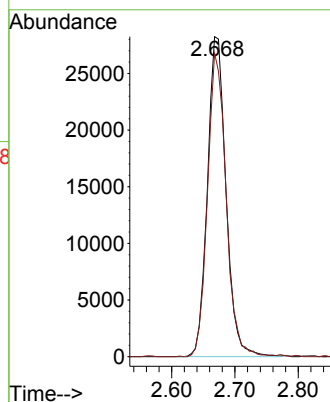
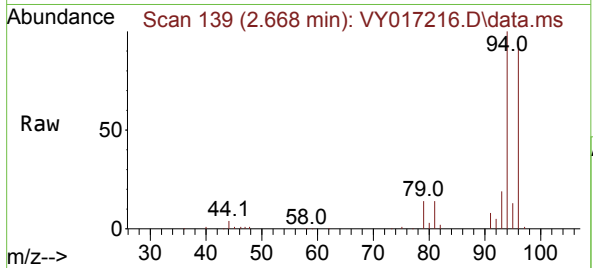




#5
Bromomethane
Concen: 45.848 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017216.D
Acq: 03 Feb 2024 05:15

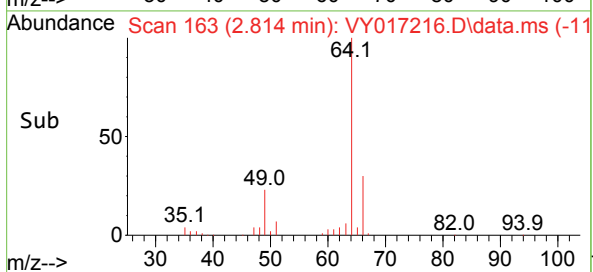
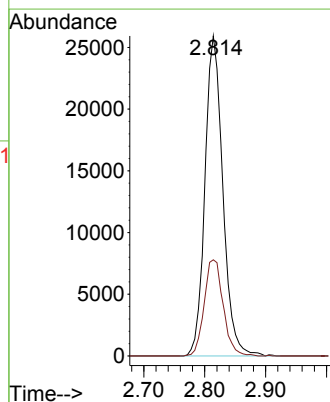
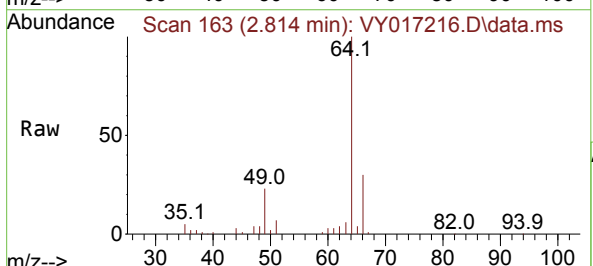
Instrument :
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VSTDCCC050EC

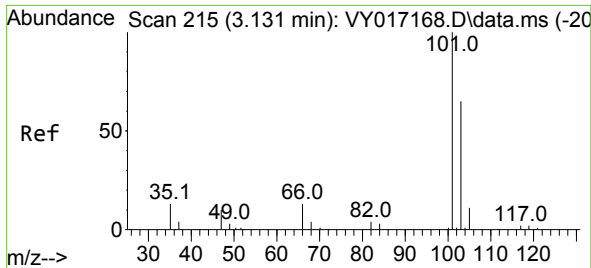
Tgt Ion: 94 Resp: 57851
Ion Ratio Lower Upper
94 100
96 94.7 77.3 115.9



#6
Chloroethane
Concen: 45.068 ug/l
RT: 2.814 min Scan# 163
Delta R.T. 0.019 min
Lab File: VY017216.D
Acq: 03 Feb 2024 05:15

Tgt Ion: 64 Resp: 52970
Ion Ratio Lower Upper
64 100
66 30.1 25.1 37.7

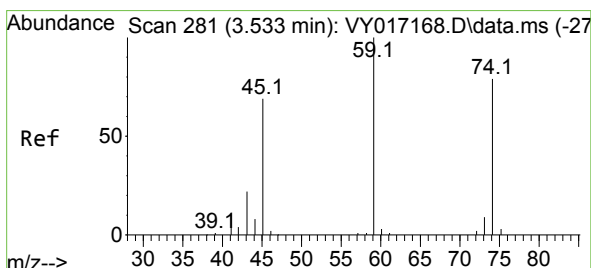
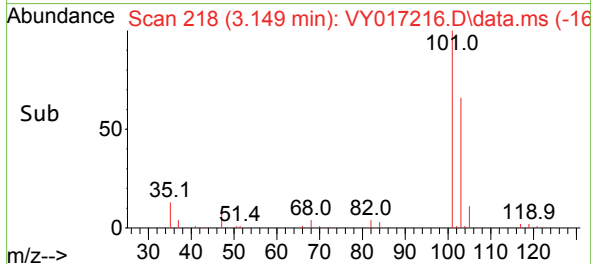
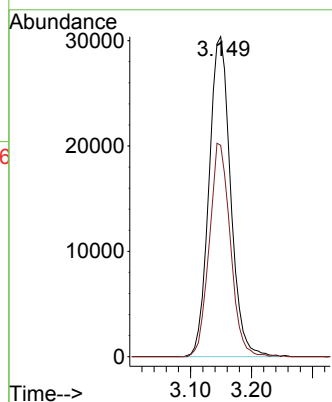
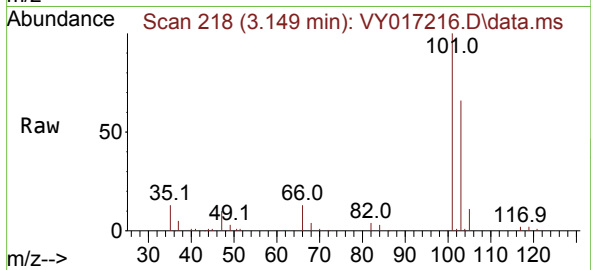




#7
Trichlorofluoromethane
Concen: 39.936 ug/l
RT: 3.149 min Scan# 215
Delta R.T. 0.019 min
Lab File: VY017216.D
Acq: 03 Feb 2024 05:15

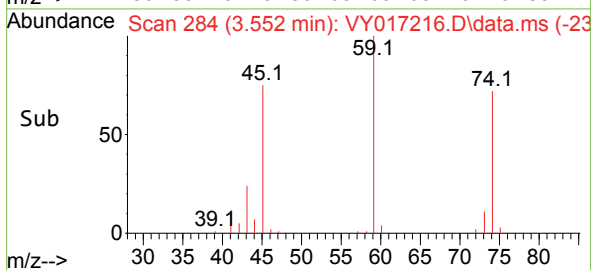
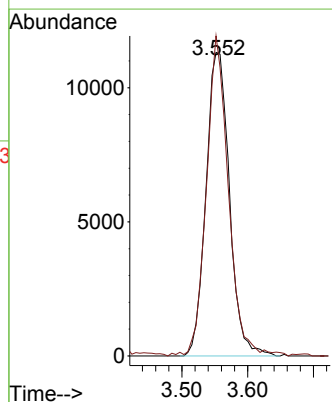
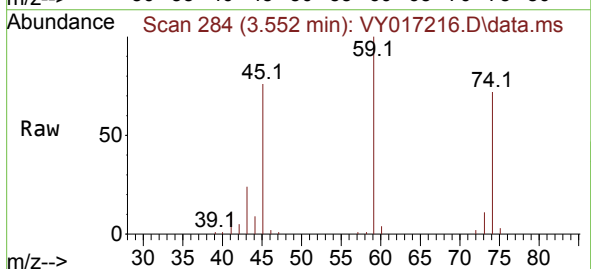
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VSTDCCC050EC

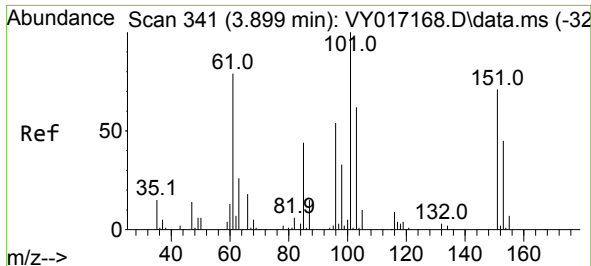
Tgt Ion:101 Resp: 74751
Ion Ratio Lower Upper
101 100
103 66.1 51.9 77.9



#8
Diethyl Ether
Concen: 47.779 ug/l
RT: 3.552 min Scan# 284
Delta R.T. 0.019 min
Lab File: VY017216.D
Acq: 03 Feb 2024 05:15

Tgt Ion: 74 Resp: 28131
Ion Ratio Lower Upper
74 100
45 99.2 47.9 143.7

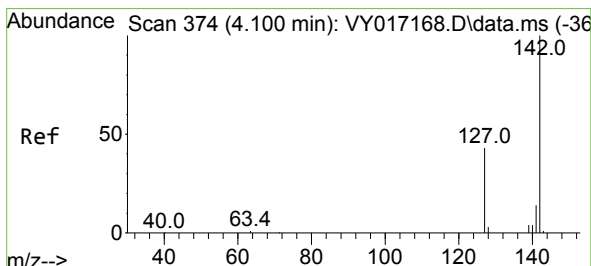
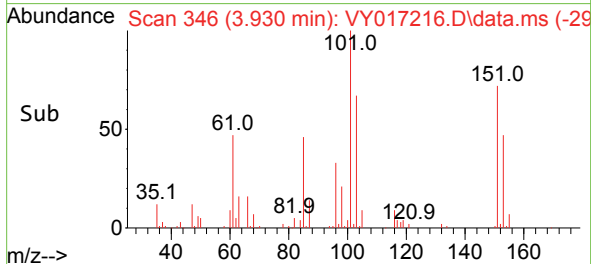
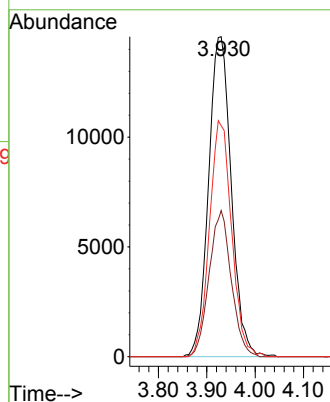
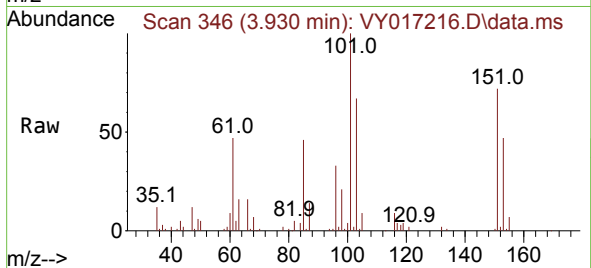




#9
1,1,2-Trichlorotrifluoroethane
Concen: 41.850 ug/l
RT: 3.930 min Scan# 341
Delta R.T. 0.031 min
Lab File: VY017216.D
Acq: 03 Feb 2024 05:15

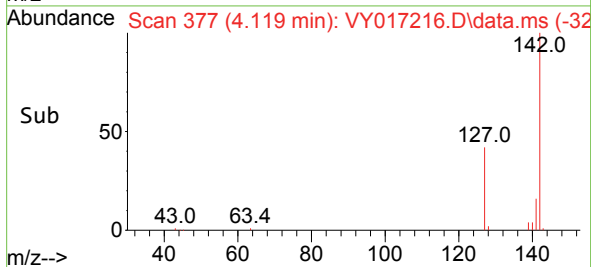
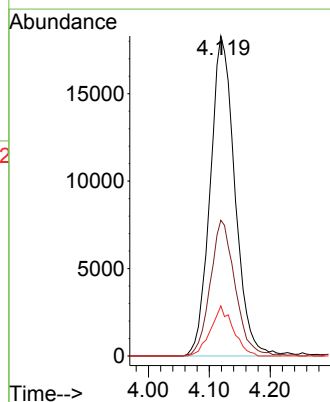
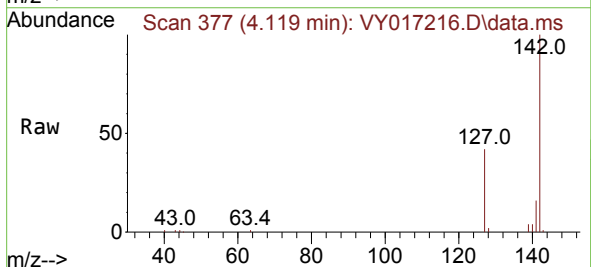
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

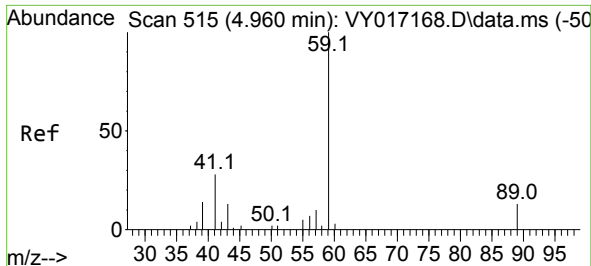
Tgt Ion:101 Resp: 47486
Ion Ratio Lower Upper
101 100
85 44.6 35.8 53.6
151 72.0 58.6 88.0



#10
Methyl Iodide
Concen: 43.155 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.019 min
Lab File: VY017216.D
Acq: 03 Feb 2024 05:15

Tgt Ion:142 Resp: 51478
Ion Ratio Lower Upper
142 100
127 42.8 35.1 52.7
141 14.4 11.8 17.6

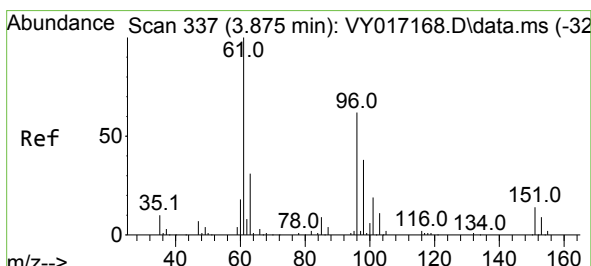
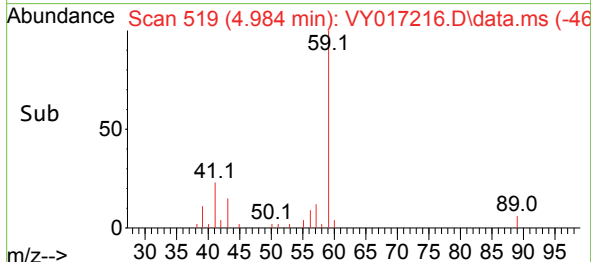
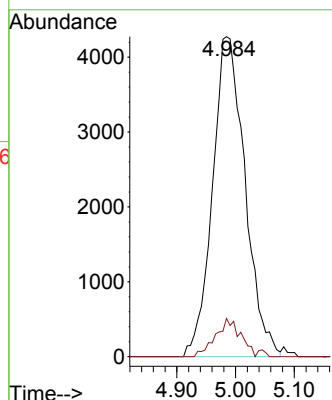
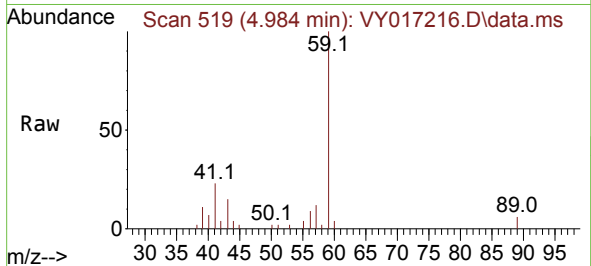




#11
Tert butyl alcohol
Concen: 195.618 ug/l
RT: 4.984 min Scan# 51
Delta R.T. 0.024 min
Lab File: VY017216.D
Acq: 03 Feb 2024 05:15

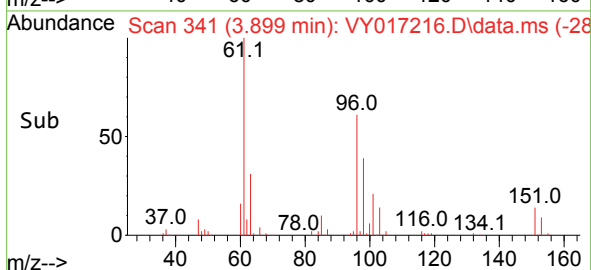
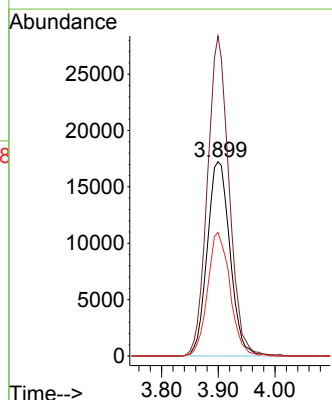
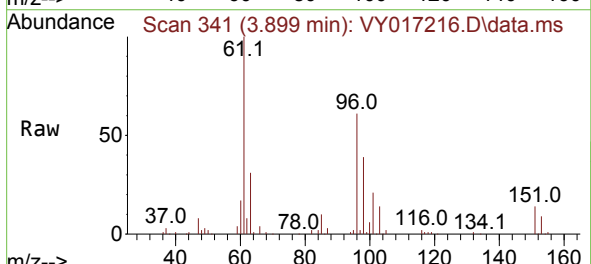
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

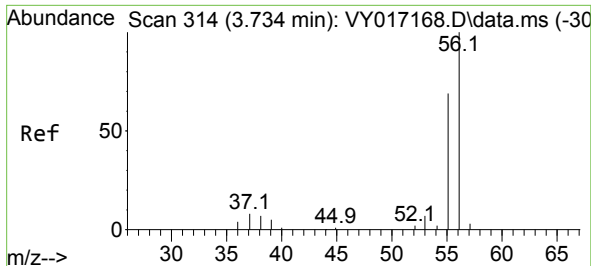
Tgt Ion: 59 Resp: 16429
Ion Ratio Lower Upper
59 100
57 9.1 7.4 11.0



#12
1,1-Dichloroethene
Concen: 45.201 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.025 min
Lab File: VY017216.D
Acq: 03 Feb 2024 05:15

Tgt Ion: 96 Resp: 48057
Ion Ratio Lower Upper
96 100
61 164.8 124.2 186.2
98 63.6 52.6 79.0





#13

Acrolein

Concen: 213.410 ug/l

RT: 3.753 min Scan# 314

Delta R.T. 0.019 min

Lab File: VY017216.D

Acq: 03 Feb 2024 05:15

Instrument :

MSVOA_Y

ClientSampleId :

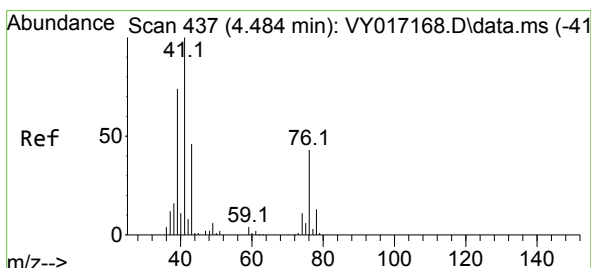
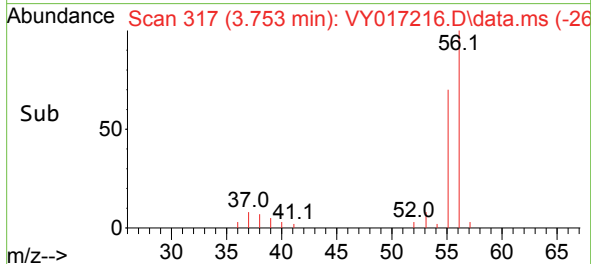
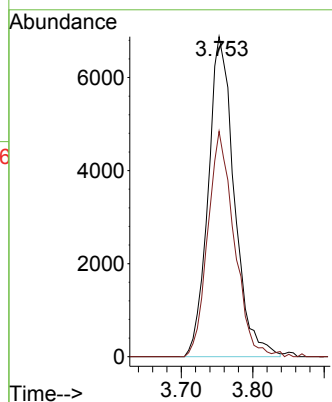
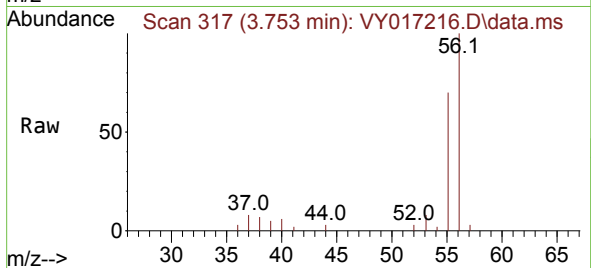
VSTDCCC050EC

Tgt Ion: 56 Resp: 17466

Ion Ratio Lower Upper

56 100

55 71.3 55.4 83.0



#14

Allyl chloride

Concen: 46.336 ug/l

RT: 4.509 min Scan# 441

Delta R.T. 0.025 min

Lab File: VY017216.D

Acq: 03 Feb 2024 05:15

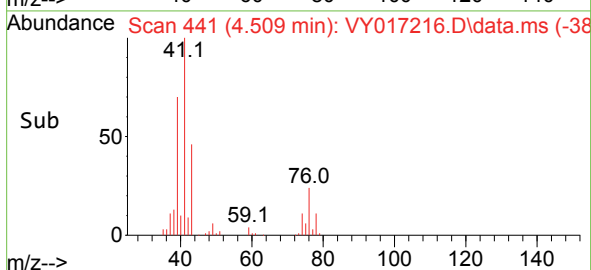
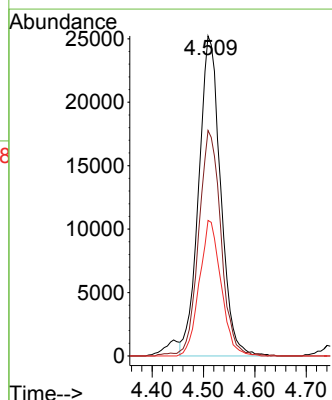
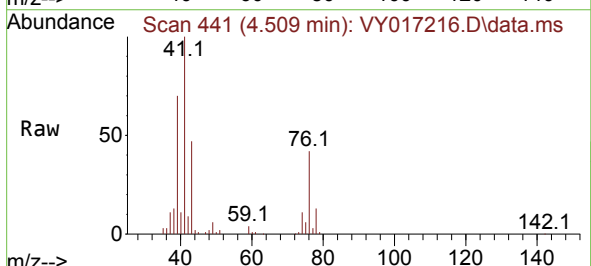
Tgt Ion: 41 Resp: 74477

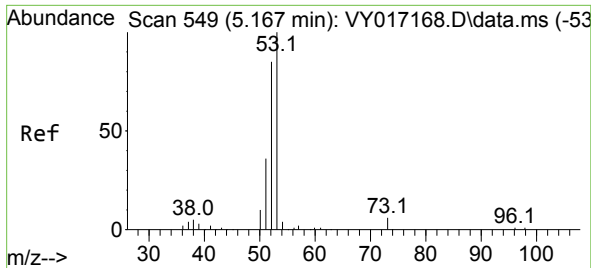
Ion Ratio Lower Upper

41 100

39 72.0 54.7 82.1

76 42.0 31.8 47.6

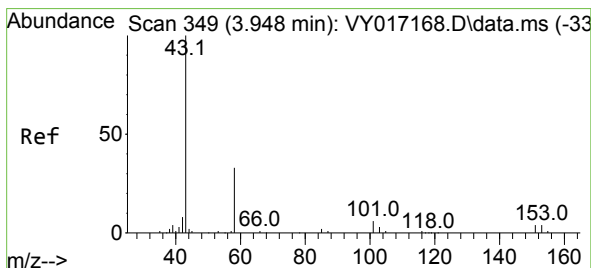
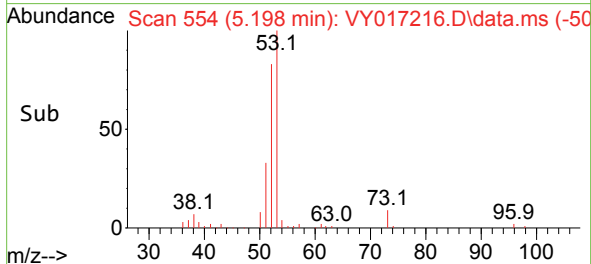
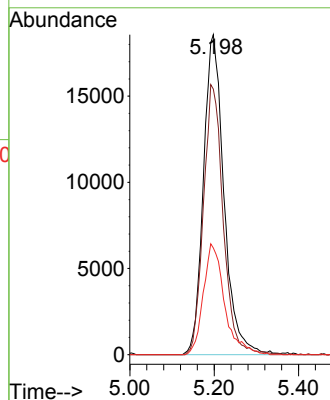
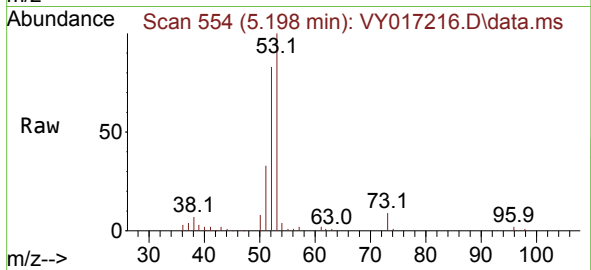




#15
Acrylonitrile
Concen: 237.382 ug/l
RT: 5.198 min Scan# 51
Delta R.T. 0.031 min
Lab File: VY017216.D
Acq: 03 Feb 2024 05:15

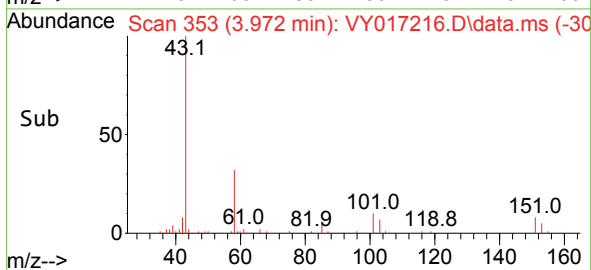
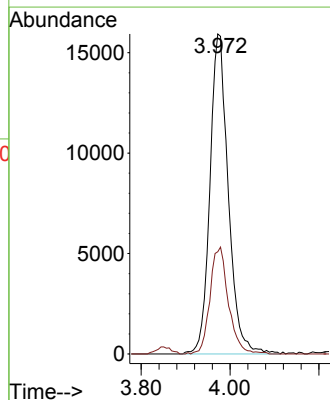
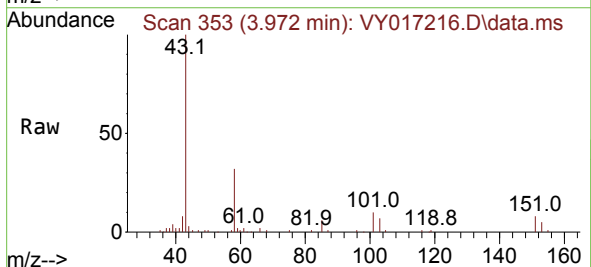
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

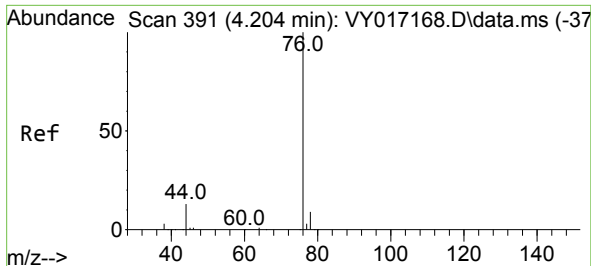
Tgt Ion: 53 Resp: 62928
Ion Ratio Lower Upper
53 100
52 81.0 65.1 97.7
51 35.8 29.0 43.4



#16
Acetone
Concen: 158.740 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.025 min
Lab File: VY017216.D
Acq: 03 Feb 2024 05:15

Tgt Ion: 43 Resp: 45716
Ion Ratio Lower Upper
43 100
58 31.9 26.6 39.8

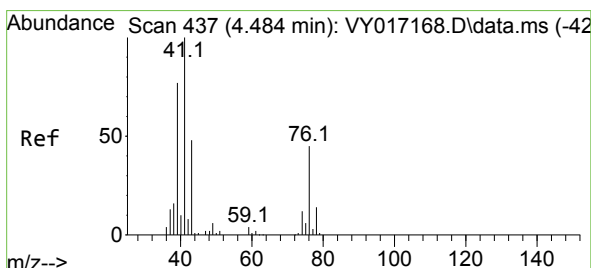
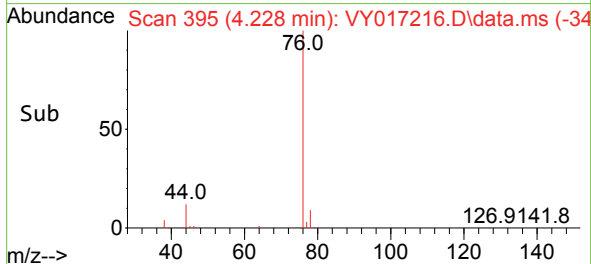
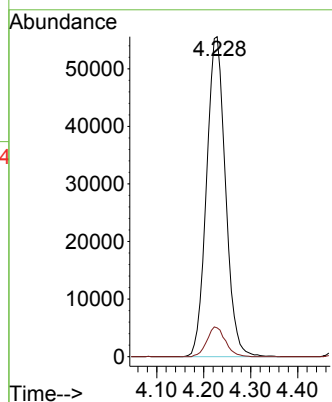
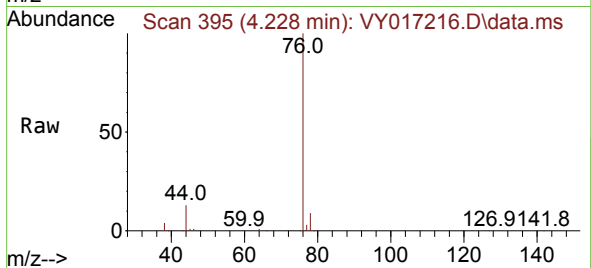




#17
Carbon Disulfide
Concen: 45.778 ug/l
RT: 4.228 min Scan# 391
Delta R.T. 0.025 min
Lab File: VY017216.D
Acq: 03 Feb 2024 05:15

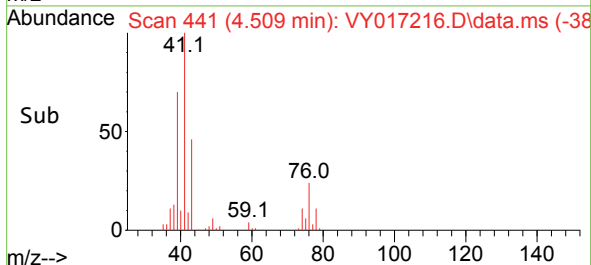
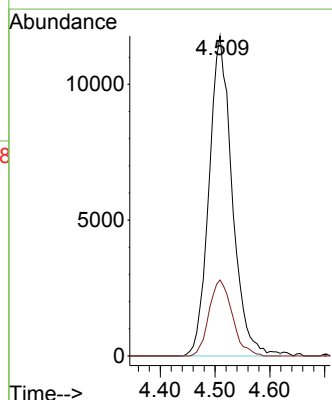
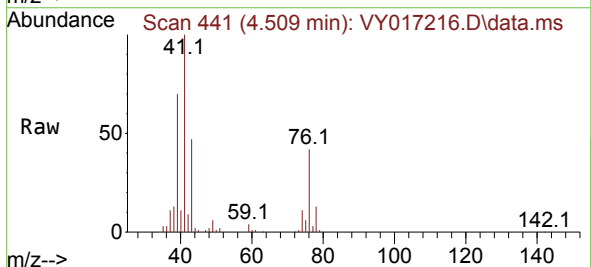
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

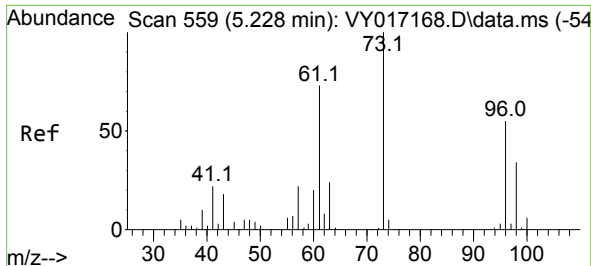
Tgt Ion: 76 Resp: 155366
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 53.769 ug/l
RT: 4.509 min Scan# 441
Delta R.T. 0.025 min
Lab File: VY017216.D
Acq: 03 Feb 2024 05:15

Tgt Ion: 43 Resp: 34545
Ion Ratio Lower Upper
43 100
74 23.8 19.8 29.6

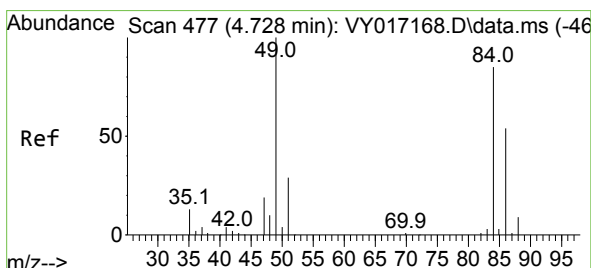
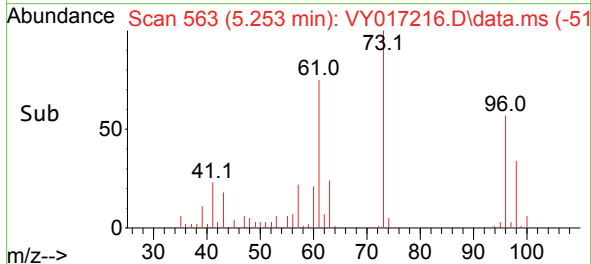
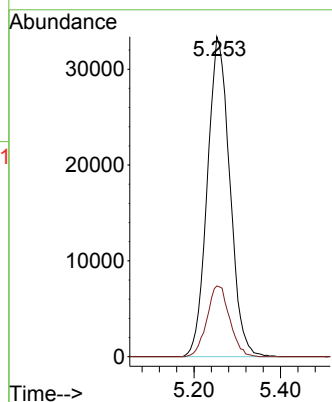
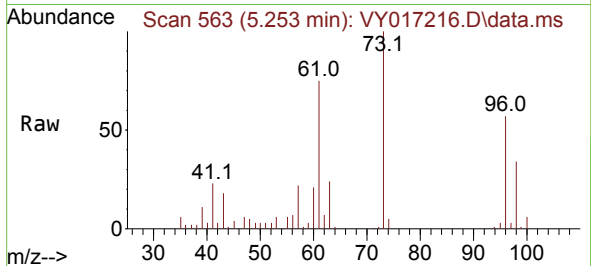




#19
Methyl tert-butyl Ether
Concen: 47.012 ug/l
RT: 5.253 min Scan# 50
Delta R.T. 0.025 min
Lab File: VY017216.D
Acq: 03 Feb 2024 05:15

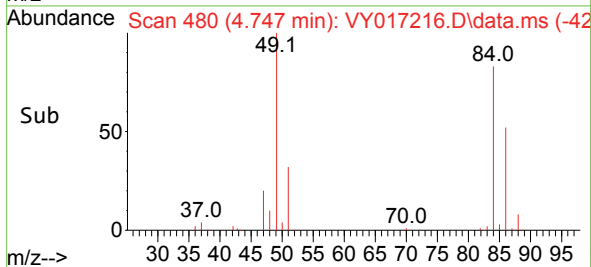
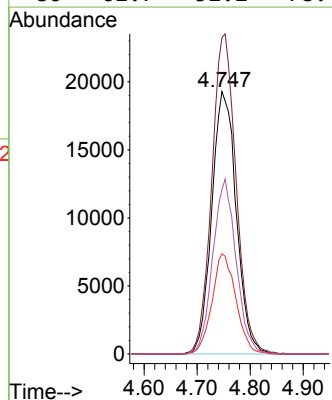
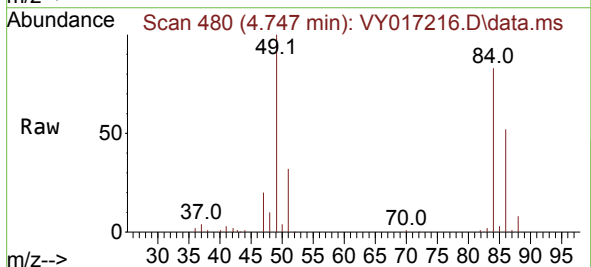
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

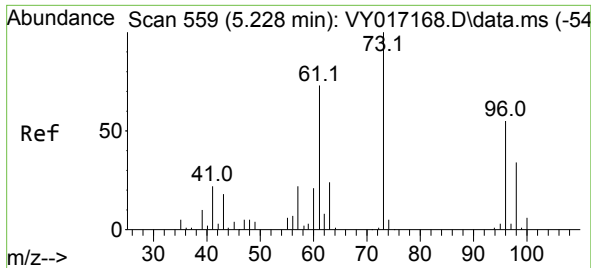
Tgt Ion: 73 Resp: 120378
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5



#20
Methylene Chloride
Concen: 52.616 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.019 min
Lab File: VY017216.D
Acq: 03 Feb 2024 05:15

Tgt Ion: 84 Resp: 61845
Ion Ratio Lower Upper
84 100
49 120.6 95.2 142.8
51 38.2 29.9 44.9
86 62.7 52.2 78.4

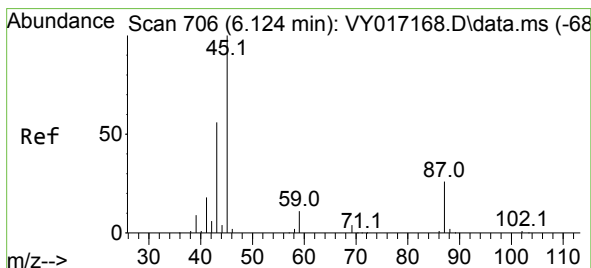
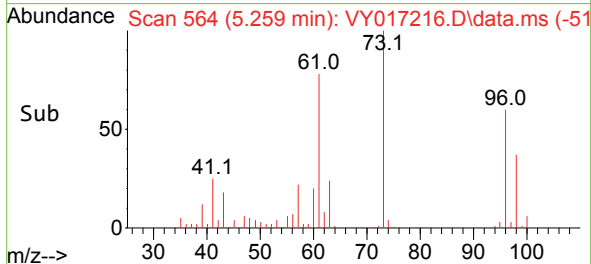
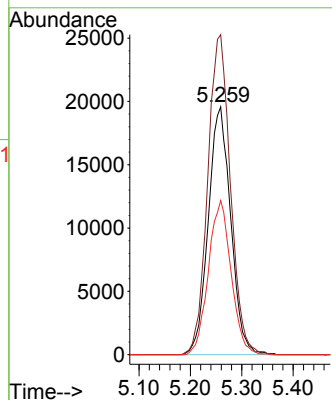
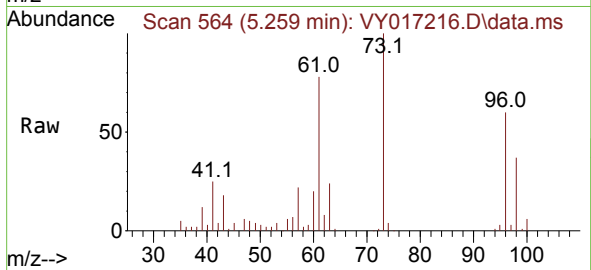




#21
trans-1,2-Dichloroethene
Concen: 49.139 ug/l
RT: 5.259 min Scan# 51
Delta R.T. 0.031 min
Lab File: VY017216.D
Acq: 03 Feb 2024 05:15

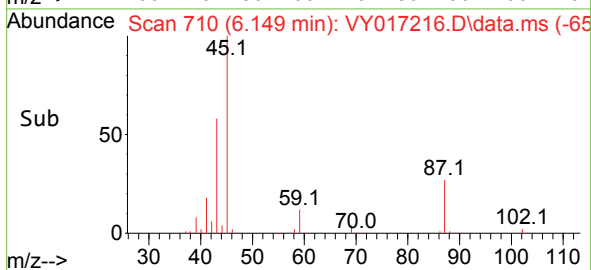
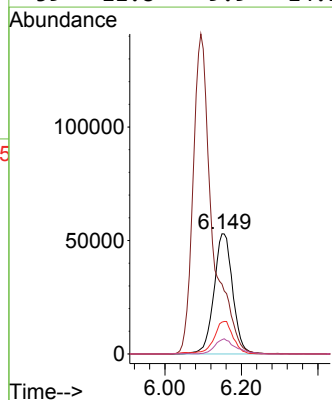
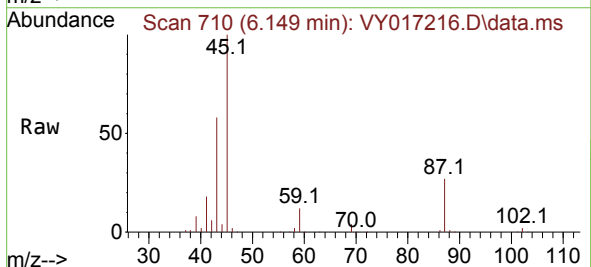
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

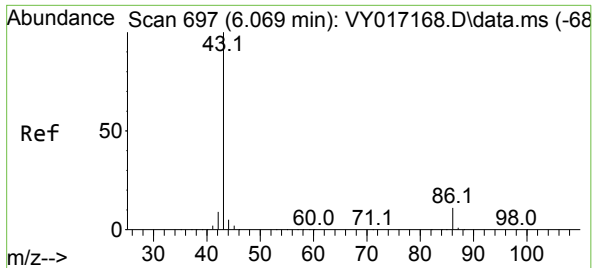
Tgt Ion: 96 Resp: 59433
Ion Ratio Lower Upper
96 100
61 129.1 104.6 156.8
98 62.2 50.9 76.3



#22
Diisopropyl ether
Concen: 51.028 ug/l
RT: 6.149 min Scan# 710
Delta R.T. 0.025 min
Lab File: VY017216.D
Acq: 03 Feb 2024 05:15

Tgt Ion: 45 Resp: 180114
Ion Ratio Lower Upper
45 100
43 57.9 46.8 70.2
87 26.5 22.2 33.2
59 11.8 9.9 14.9

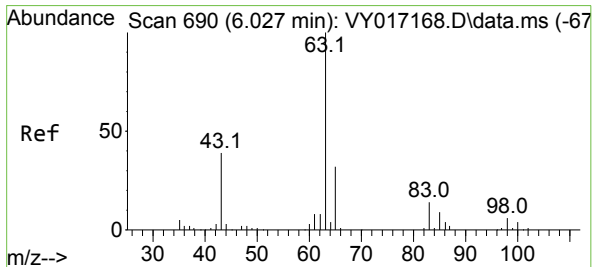
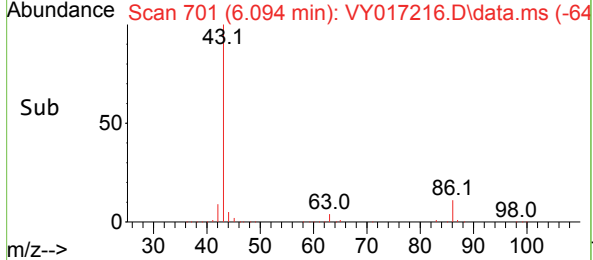
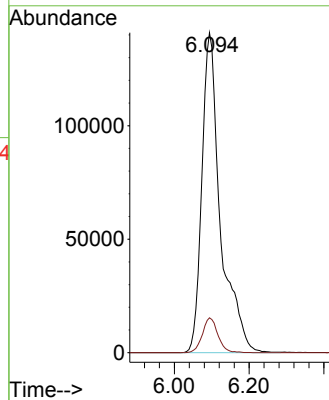
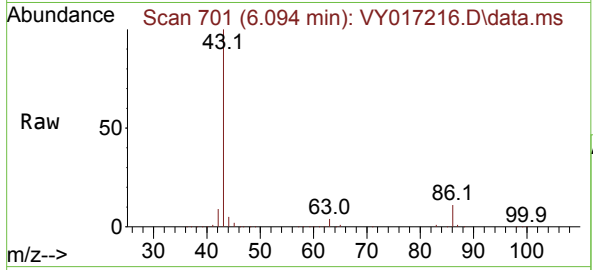




#23
 Vinyl Acetate
 Concen: 227.520 ug/l
 RT: 6.094 min Scan# 701
 Delta R.T. 0.025 min
 Lab File: VY017216.D
 Acq: 03 Feb 2024 05:15

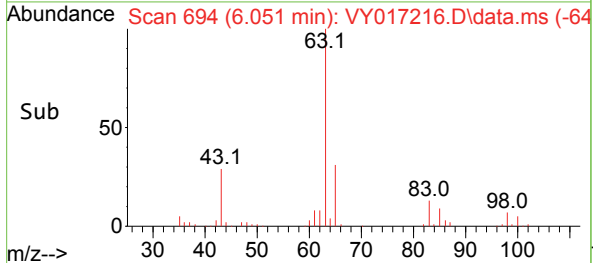
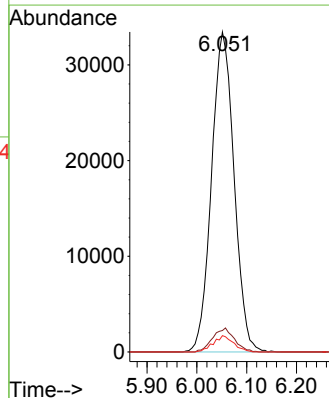
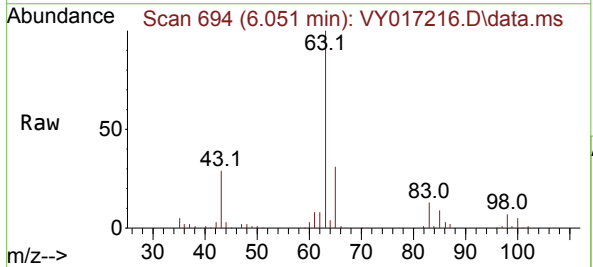
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 486600
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 48.547 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.025 min
 Lab File: VY017216.D
 Acq: 03 Feb 2024 05:15

Tgt Ion: 63 Resp: 104973
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.8 11.4
 100 5.1 2.1 6.2





#25

2-Butanone

Concen: 194.986 ug/l

RT: 7.021 min Scan# 81

Delta R.T. 0.031 min

Lab File: VY017216.D

Acq: 03 Feb 2024 05:15

Instrument :

MSVOA_Y

ClientSampleId :

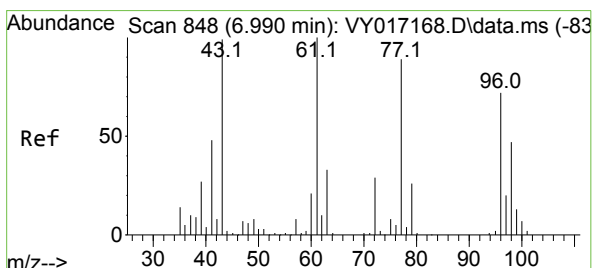
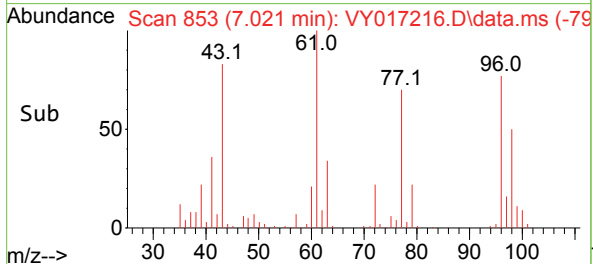
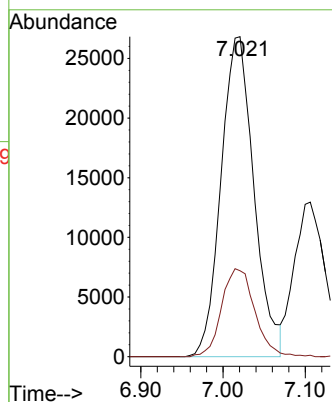
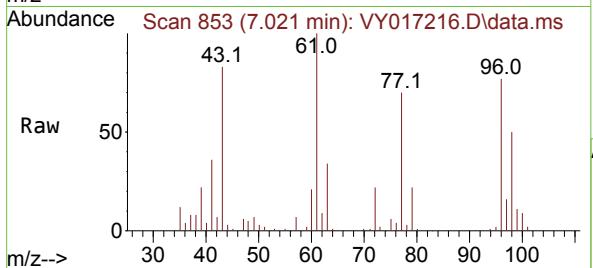
VSTDCCC050EC

Tgt Ion: 43 Resp: 74651

Ion Ratio Lower Upper

43 100

72 26.8 21.4 32.2



#26

2,2-Dichloropropane

Concen: 39.006 ug/l

RT: 7.015 min Scan# 852

Delta R.T. 0.025 min

Lab File: VY017216.D

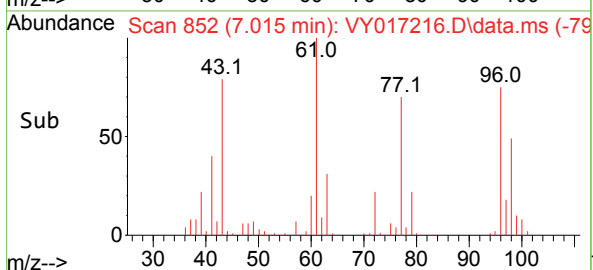
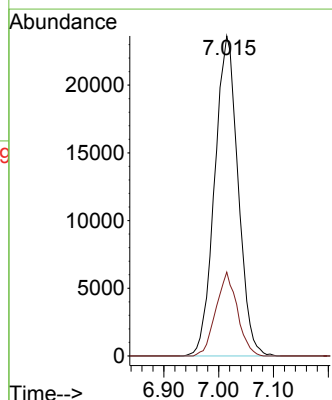
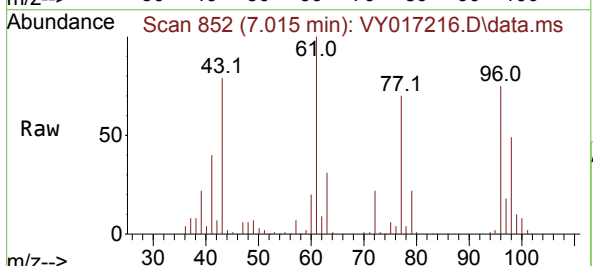
Acq: 03 Feb 2024 05:15

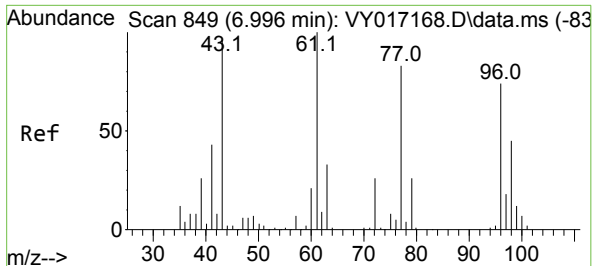
Tgt Ion: 77 Resp: 70154

Ion Ratio Lower Upper

77 100

97 24.0 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 49.883 ug/l

RT: 7.015 min Scan# 81

Delta R.T. 0.019 min

Lab File: VY017216.D

Acq: 03 Feb 2024 05:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

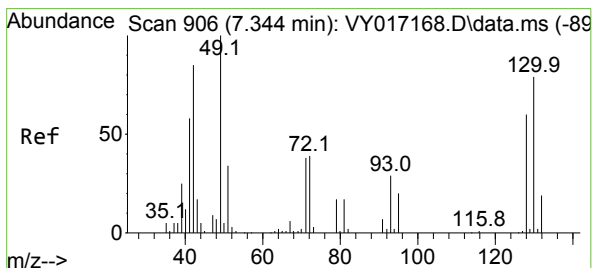
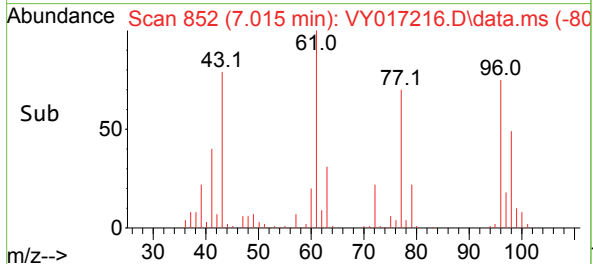
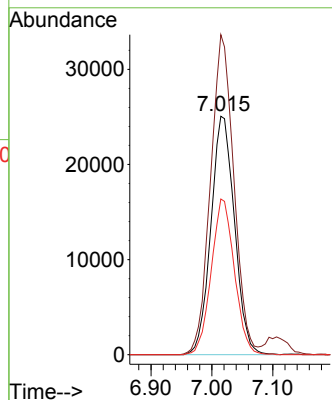
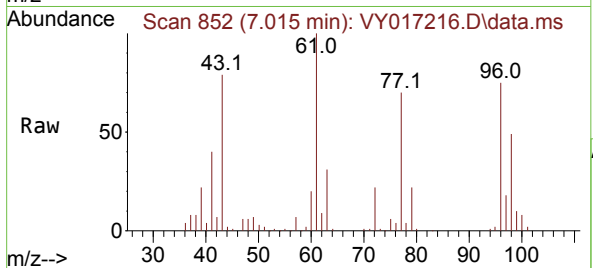
Tgt Ion: 96 Resp: 67479

Ion Ratio Lower Upper

96 100

61 132.9 0.0 278.8

98 64.0 0.0 127.0



#28

Bromochloromethane

Concen: 53.817 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.019 min

Lab File: VY017216.D

Acq: 03 Feb 2024 05:15

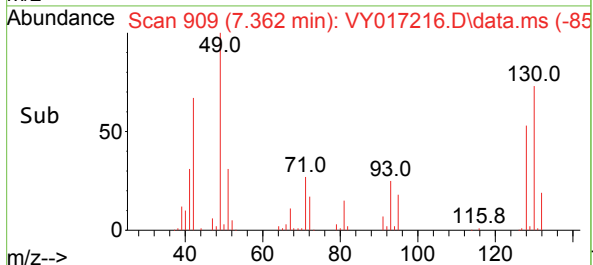
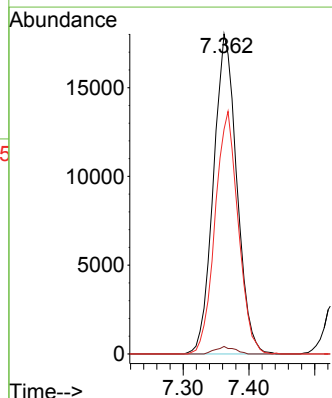
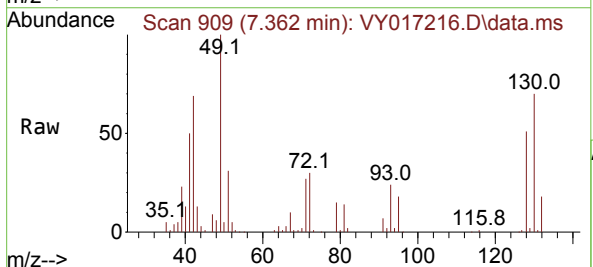
Tgt Ion: 49 Resp: 44557

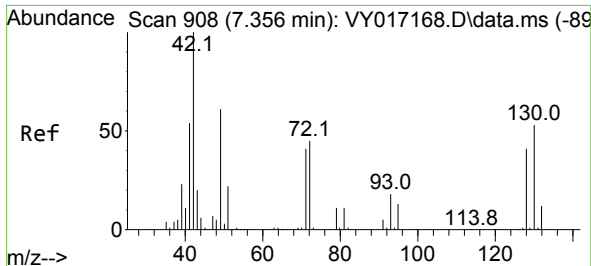
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 75.2 59.8 89.8





#29

Tetrahydrofuran

Concen: 237.988 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.019 min

Lab File: VY017216.D

Acq: 03 Feb 2024 05:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

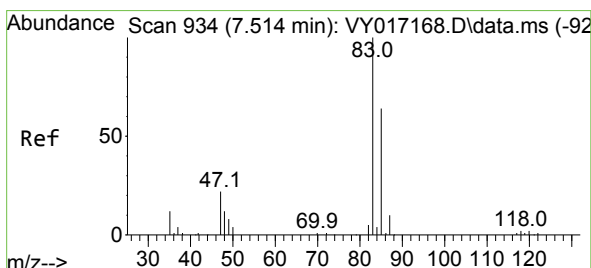
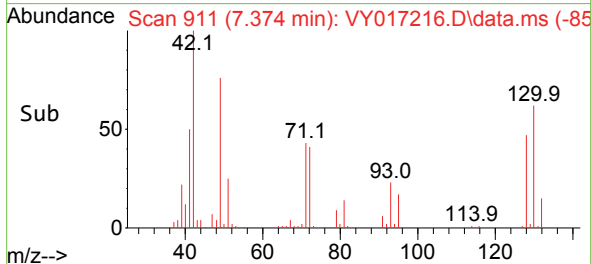
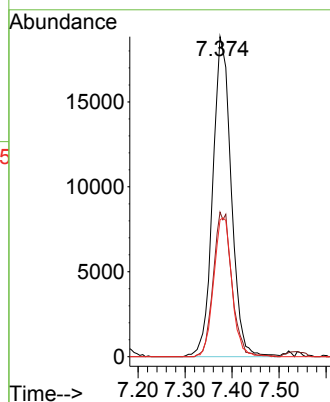
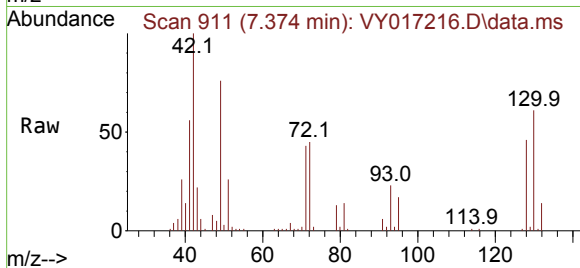
Tgt Ion: 42 Resp: 51470

Ion Ratio Lower Upper

42 100

72 45.3 36.6 54.8

71 42.8 33.8 50.6



#30

Chloroform

Concen: 49.206 ug/l

RT: 7.533 min Scan# 937

Delta R.T. 0.019 min

Lab File: VY017216.D

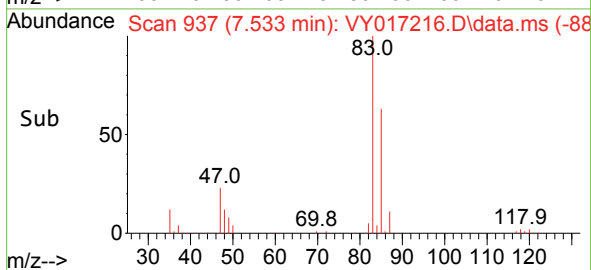
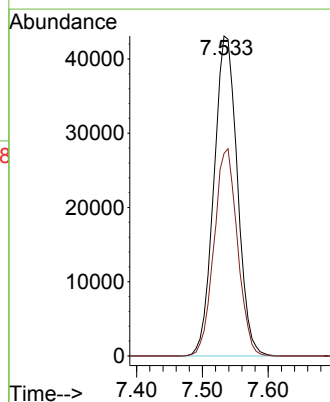
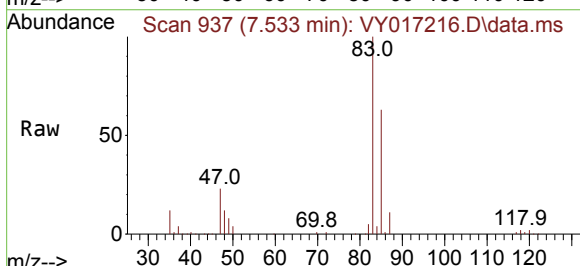
Acq: 03 Feb 2024 05:15

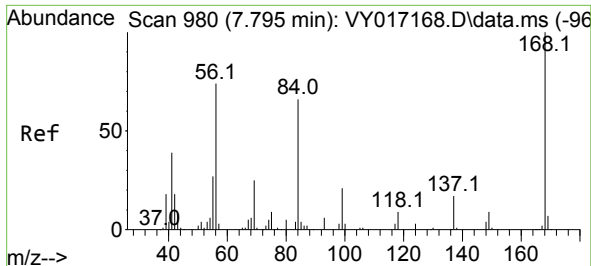
Tgt Ion: 83 Resp: 107032

Ion Ratio Lower Upper

83 100

85 63.3 51.2 76.8

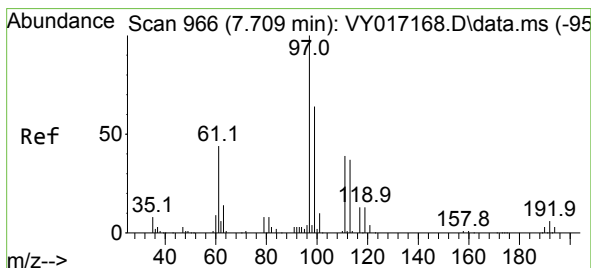
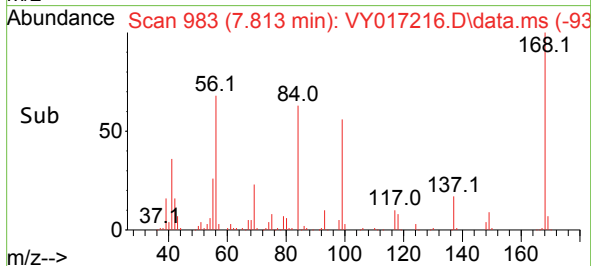
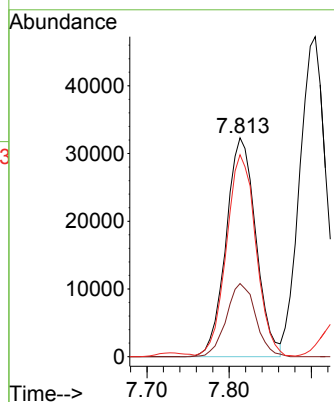
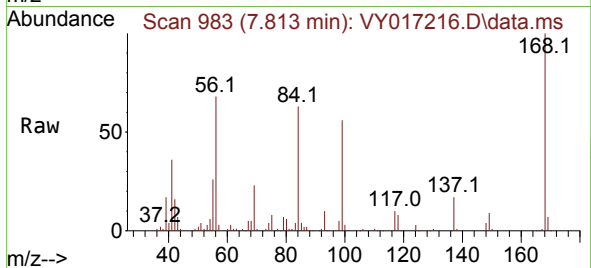




#31
Cyclohexane
Concen: 41.382 ug/l
RT: 7.813 min Scan# 913
Delta R.T. 0.019 min
Lab File: VY017216.D
Acq: 03 Feb 2024 05:15

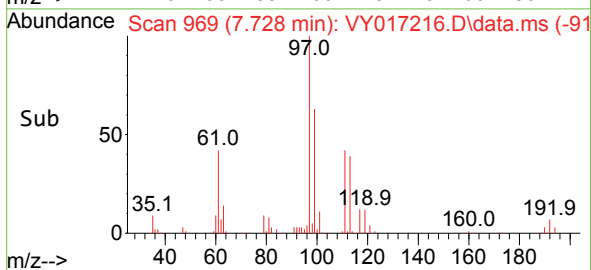
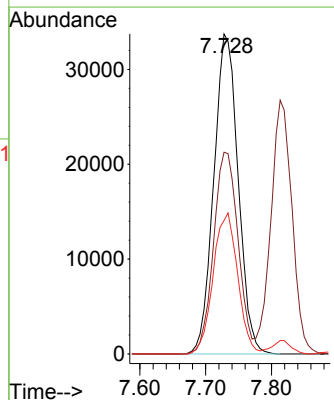
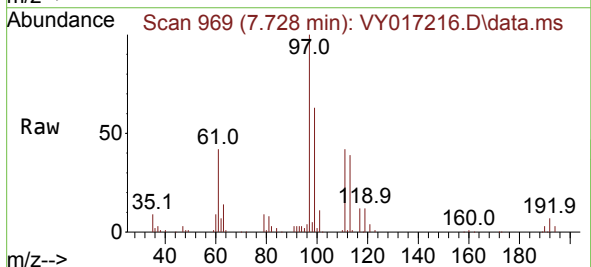
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

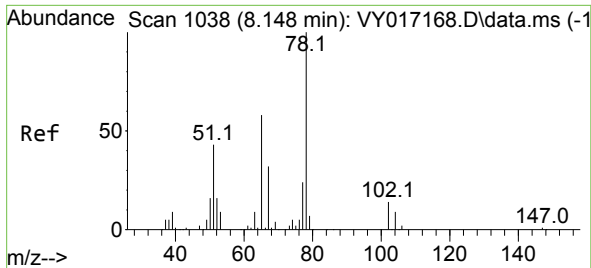
Tgt Ion: 56 Resp: 81730
Ion Ratio Lower Upper
56 100
69 33.4 27.0 40.6
84 90.9 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 46.464 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.019 min
Lab File: VY017216.D
Acq: 03 Feb 2024 05:15

Tgt Ion: 97 Resp: 86935
Ion Ratio Lower Upper
97 100
99 63.3 51.2 76.8
61 44.4 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 57.124 ug/l

RT: 8.167 min Scan# 110

Delta R.T. 0.019 min

Lab File: VY017216.D

Acq: 03 Feb 2024 05:15

Instrument :

MSVOA_Y

ClientSampleId :

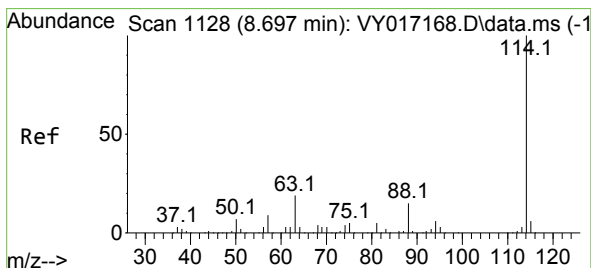
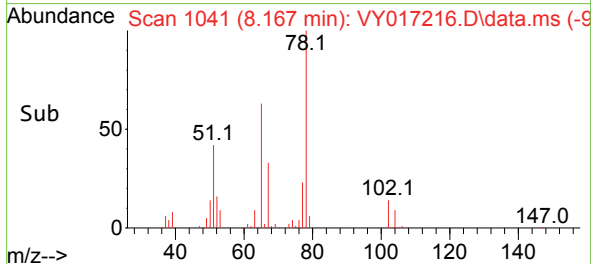
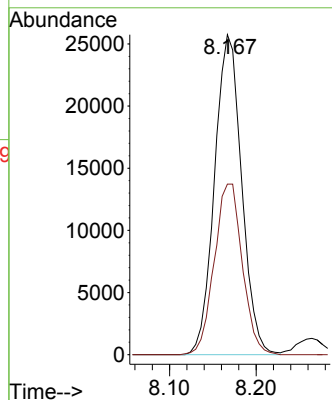
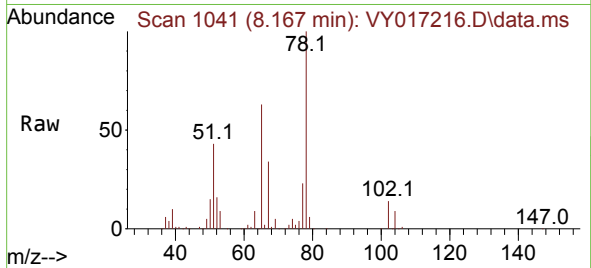
VSTDCCC050EC

Tgt Ion: 65 Resp: 55973

Ion Ratio Lower Upper

65 100

67 55.2 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.715 min Scan# 1131

Delta R.T. 0.019 min

Lab File: VY017216.D

Acq: 03 Feb 2024 05:15

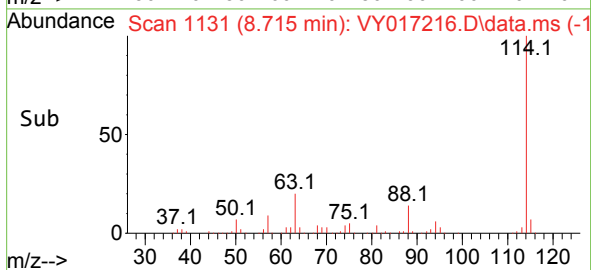
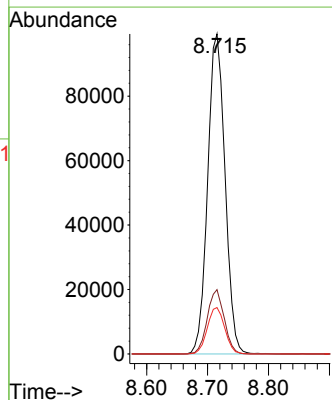
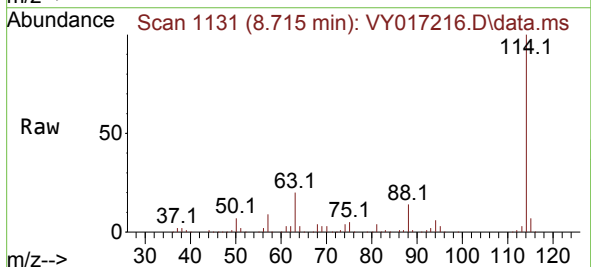
Tgt Ion: 114 Resp: 196500

Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.4

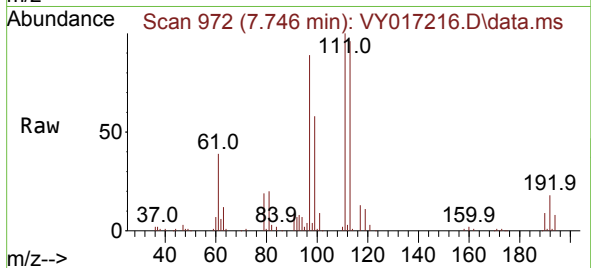
88 14.5 0.0 29.0



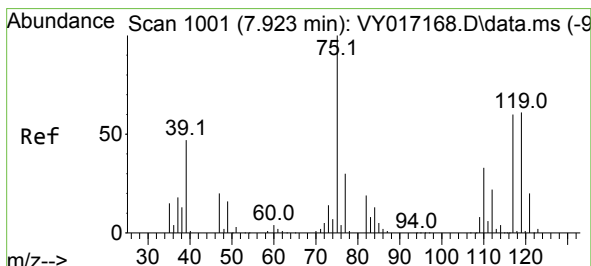
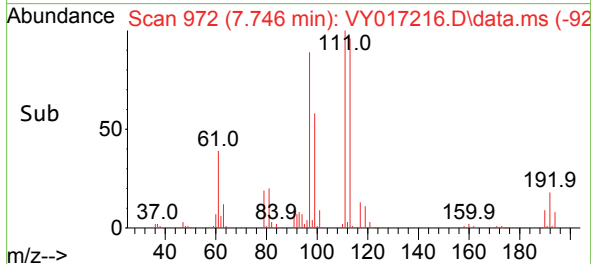
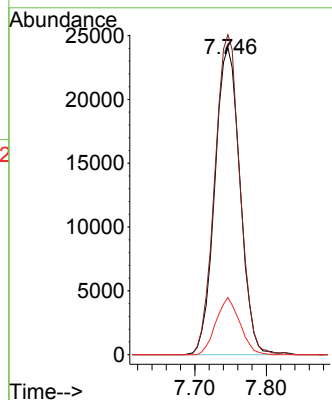


#35
Dibromofluoromethane
Concen: 55.457 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.019 min
Lab File: VY017216.D
Acq: 03 Feb 2024 05:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

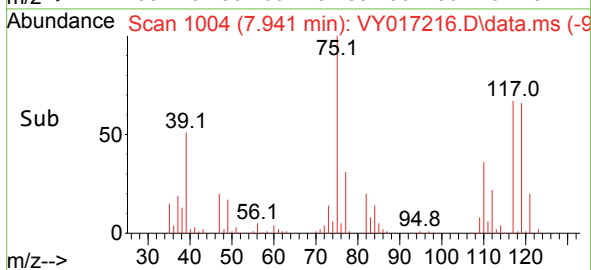
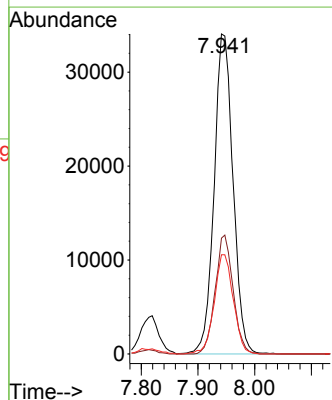
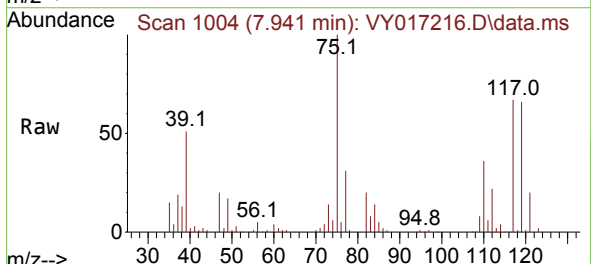


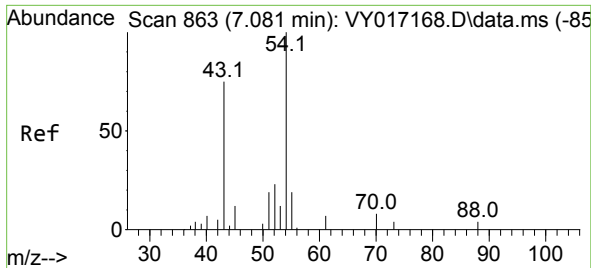
Tgt Ion:113 Resp: 58838
Ion Ratio Lower Upper
113 100
111 103.9 83.8 125.6
192 17.6 14.5 21.7



#36
1,1-Dichloropropene
Concen: 43.167 ug/l
RT: 7.941 min Scan# 1004
Delta R.T. 0.019 min
Lab File: VY017216.D
Acq: 03 Feb 2024 05:15

Tgt Ion: 75 Resp: 79000
Ion Ratio Lower Upper
75 100
110 35.2 17.4 52.3
77 31.3 24.7 37.1





#37

Ethyl Acetate

Concen: 40.998 ug/l

RT: 7.106 min Scan# 80

Delta R.T. 0.025 min

Lab File: VY017216.D

Acq: 03 Feb 2024 05:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

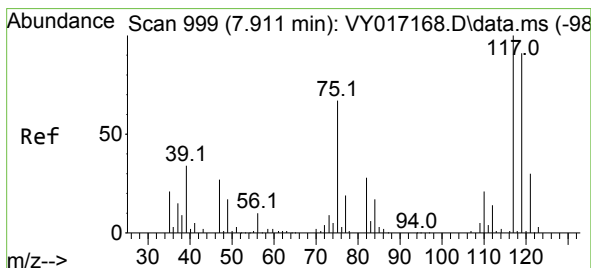
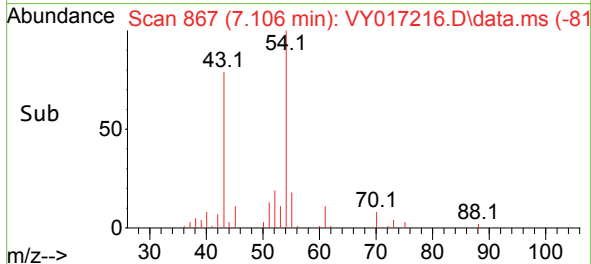
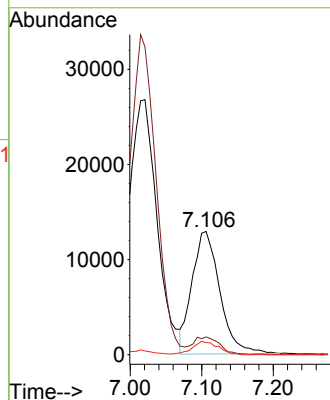
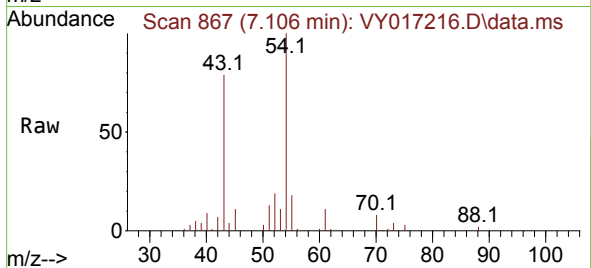
Tgt Ion: 43 Resp: 34800

Ion Ratio Lower Upper

43 100

61 14.1 11.0 16.6

70 10.0 8.1 12.1



#38

Carbon Tetrachloride

Concen: 42.107 ug/l

RT: 7.929 min Scan# 1002

Delta R.T. 0.019 min

Lab File: VY017216.D

Acq: 03 Feb 2024 05:15

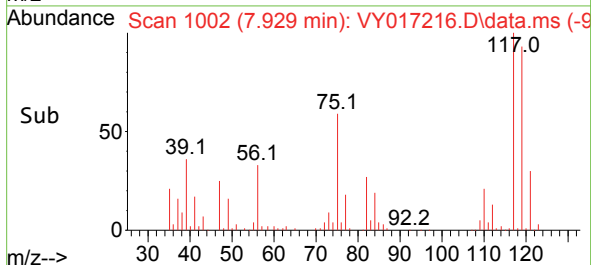
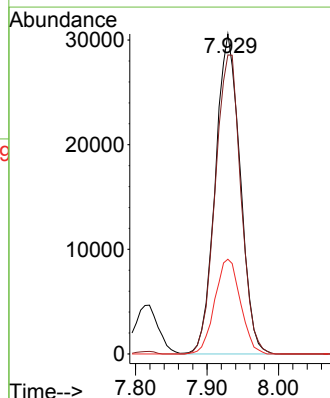
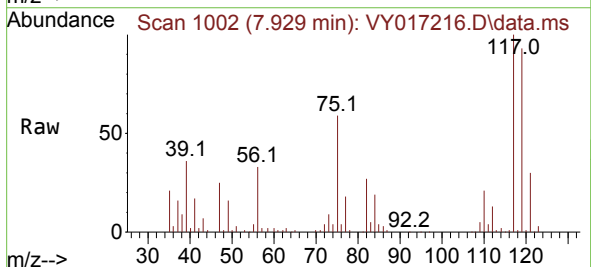
Tgt Ion: 117 Resp: 73782

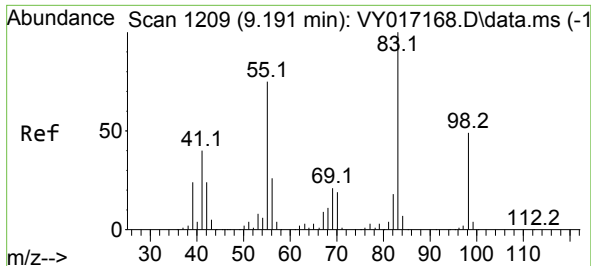
Ion Ratio Lower Upper

117 100

119 93.4 76.0 114.0

121 29.6 24.2 36.2





#39

Methylcyclohexane

Concen: 41.284 ug/l

RT: 9.209 min Scan# 11

Delta R.T. 0.019 min

Lab File: VY017216.D

Acq: 03 Feb 2024 05:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

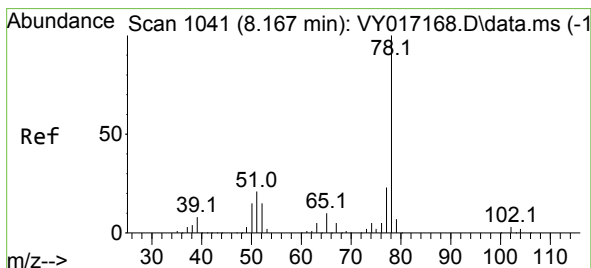
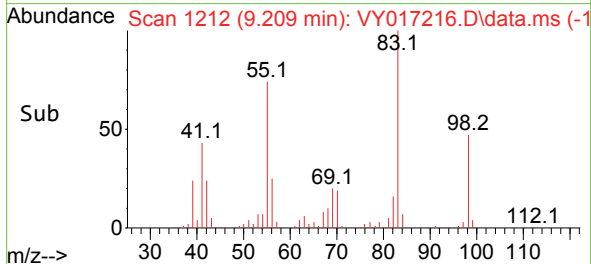
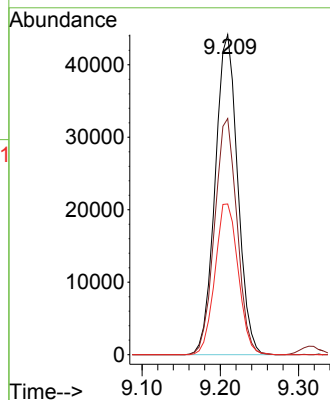
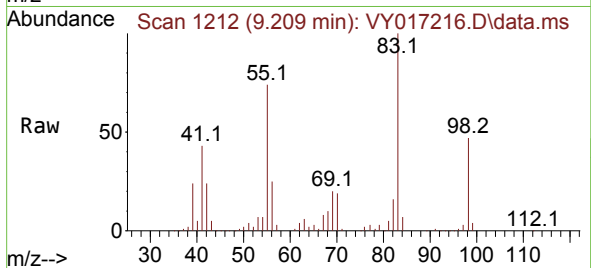
Tgt Ion: 83 Resp: 88267

Ion Ratio Lower Upper

83 100

55 73.8 59.7 89.5

98 47.1 38.0 57.0



#40

Benzene

Concen: 47.474 ug/l

RT: 8.185 min Scan# 1044

Delta R.T. 0.019 min

Lab File: VY017216.D

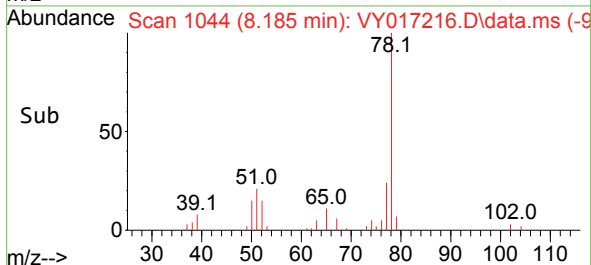
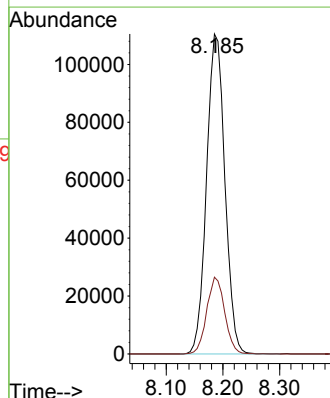
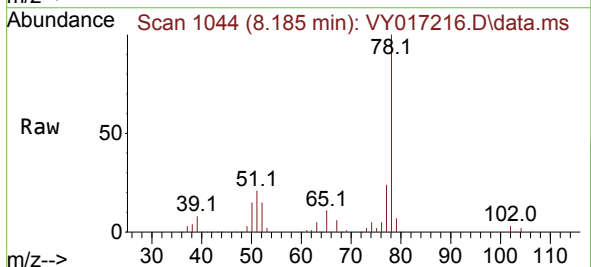
Acq: 03 Feb 2024 05:15

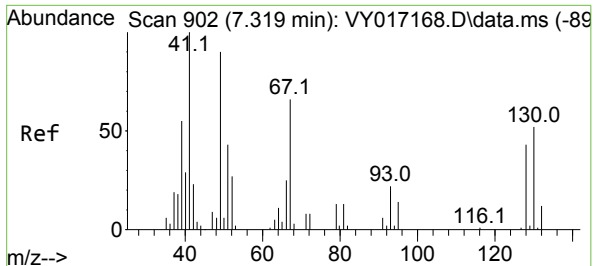
Tgt Ion: 78 Resp: 248111

Ion Ratio Lower Upper

78 100

77 24.0 18.8 28.2



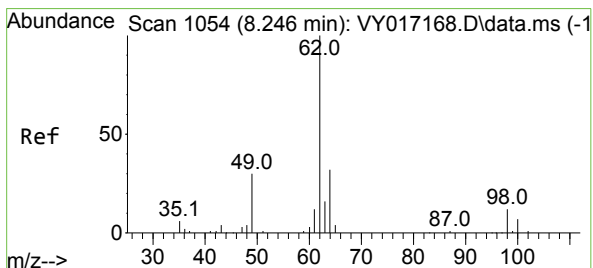
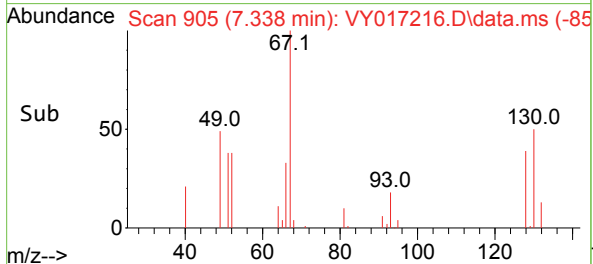
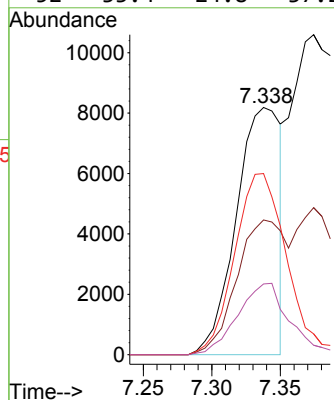
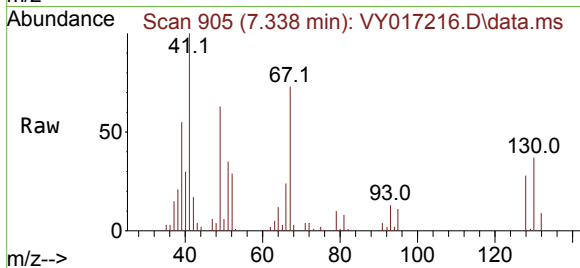


#41
Methacrylonitrile
Concen: 45.926 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.019 min
Lab File: VY017216.D
Acq: 03 Feb 2024 05:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 18470

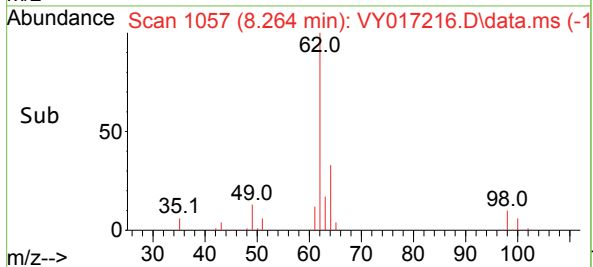
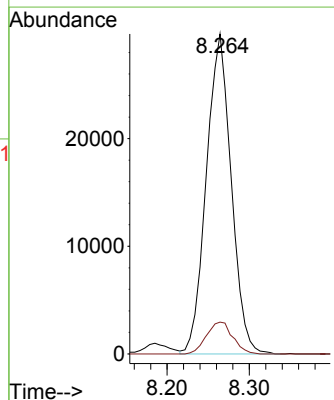
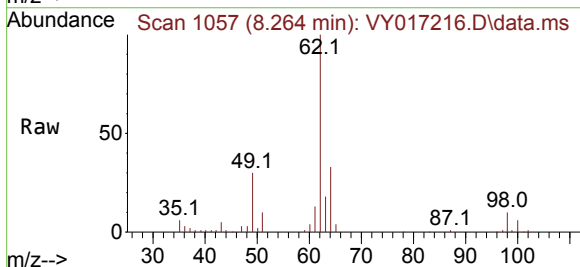
Ion	Ratio	Lower	Upper
41	100		
39	60.8	41.9	62.9
67	85.2	59.8	89.6
52	33.4	24.8	37.2

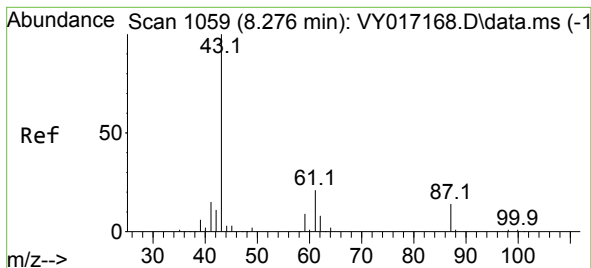


#42
1,2-Dichloroethane
Concen: 45.233 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. 0.019 min
Lab File: VY017216.D
Acq: 03 Feb 2024 05:15

Tgt Ion: 62 Resp: 62591

Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	20.2





#43

Isopropyl Acetate

Concen: 44.140 ug/l

RT: 8.295 min Scan# 1107

Delta R.T. 0.019 min

Lab File: VY017216.D

Acq: 03 Feb 2024 05:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

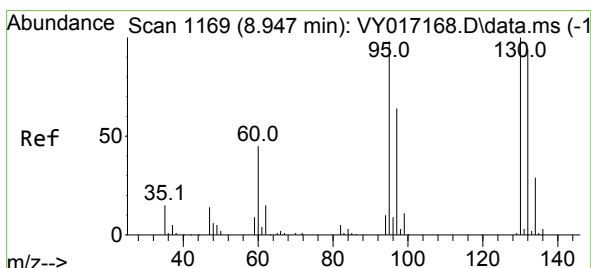
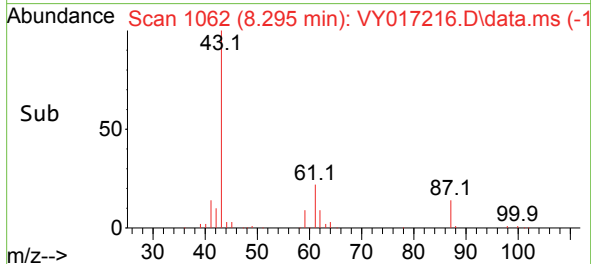
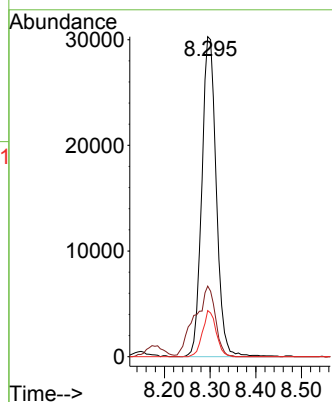
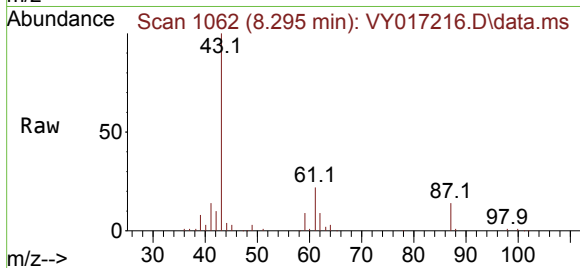
Tgt Ion: 43 Resp: 66324

Ion Ratio Lower Upper

43 100

61 31.4 24.8 37.2

87 13.6 10.7 16.1



#44

Trichloroethene

Concen: 46.259 ug/l

RT: 8.965 min Scan# 1172

Delta R.T. 0.019 min

Lab File: VY017216.D

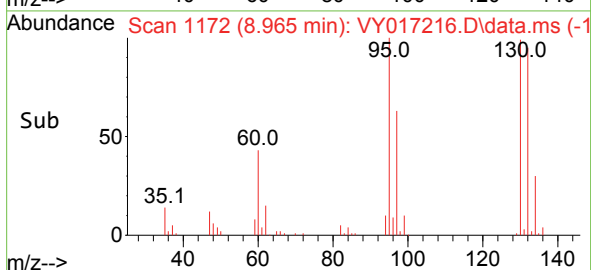
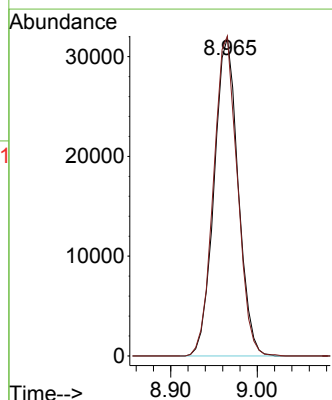
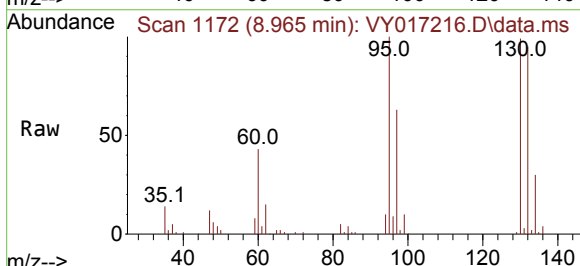
Acq: 03 Feb 2024 05:15

Tgt Ion:130 Resp: 61370

Ion Ratio Lower Upper

130 100

95 100.6 0.0 203.8

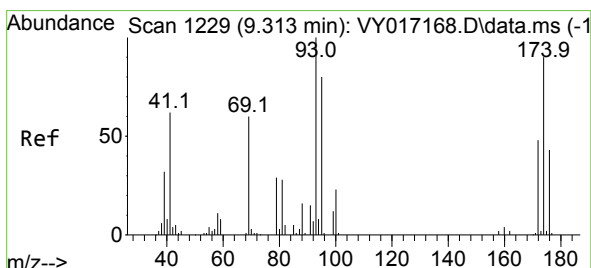
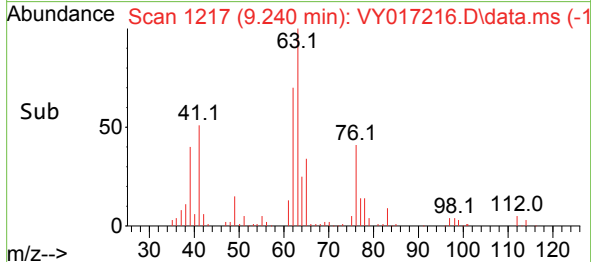
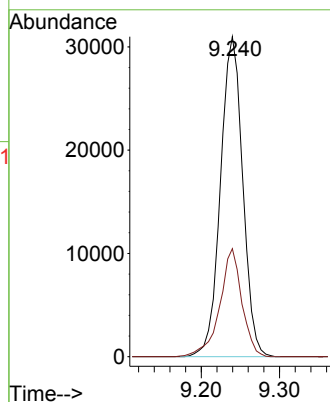
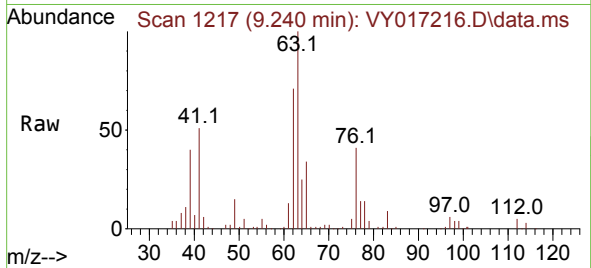




#45
1,2-Dichloropropane
Concen: 47.604 ug/l
RT: 9.240 min Scan# 1215
Delta R.T. 0.012 min
Lab File: VY017216.D
Acq: 03 Feb 2024 05:15

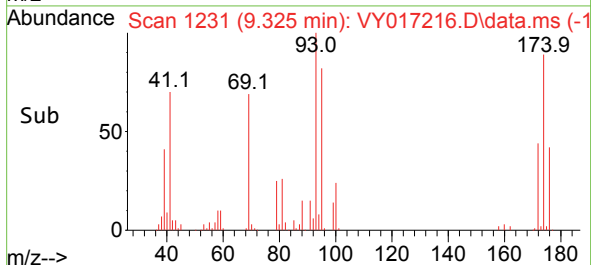
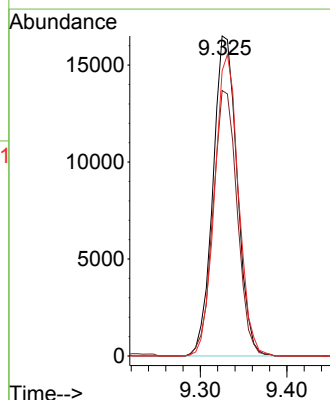
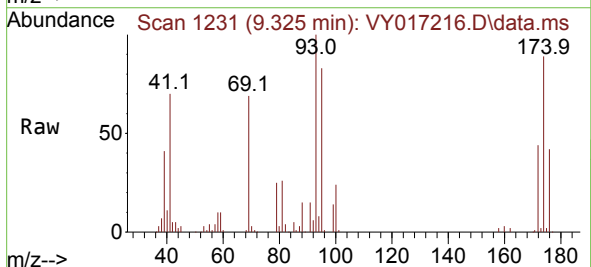
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

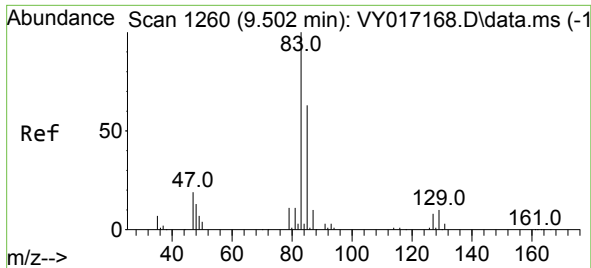
Tgt Ion: 63 Resp: 61110
Ion Ratio Lower Upper
63 100
65 33.7 24.6 36.8



#46
Dibromomethane
Concen: 46.221 ug/l
RT: 9.325 min Scan# 1231
Delta R.T. 0.012 min
Lab File: VY017216.D
Acq: 03 Feb 2024 05:15

Tgt Ion: 93 Resp: 32051
Ion Ratio Lower Upper
93 100
95 82.6 66.6 99.8
174 92.8 73.8 110.6

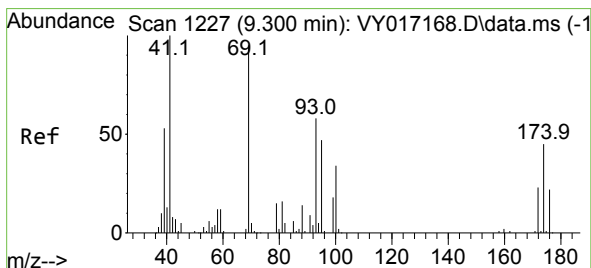
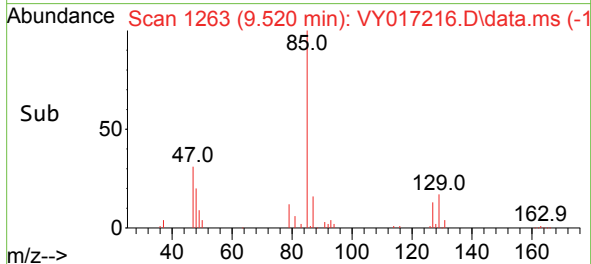
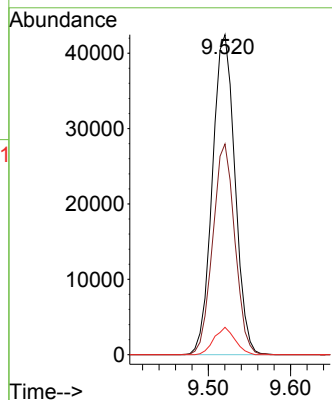
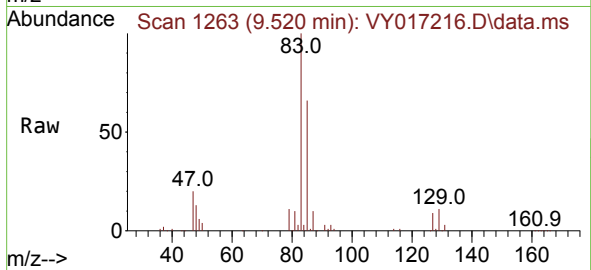




#47
Bromodichloromethane
Concen: 46.635 ug/l
RT: 9.520 min Scan# 1263
Delta R.T. 0.019 min
Lab File: VY017216.D
Acq: 03 Feb 2024 05:15

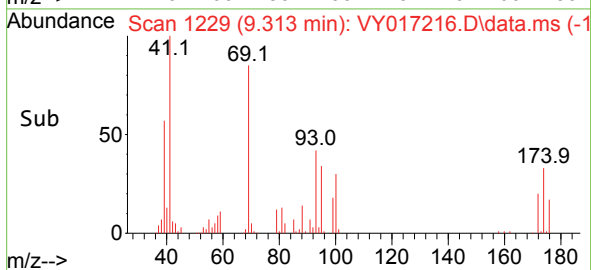
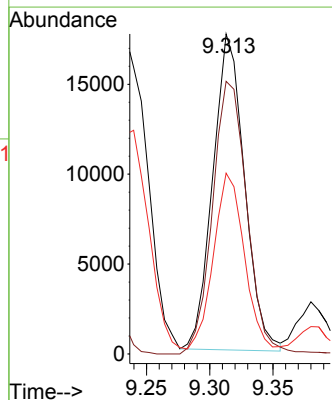
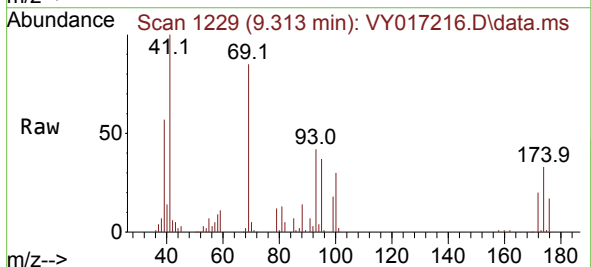
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

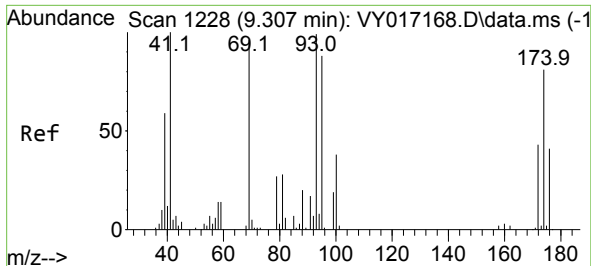
Tgt Ion: 83 Resp: 80931
Ion Ratio Lower Upper
83 100
85 65.9 53.2 79.8
127 8.5 6.4 9.6



#48
Methyl methacrylate
Concen: 43.373 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.012 min
Lab File: VY017216.D
Acq: 03 Feb 2024 05:15

Tgt Ion: 41 Resp: 30569
Ion Ratio Lower Upper
41 100
69 93.9 72.1 108.1
39 57.4 42.8 64.2





#49

1,4-Dioxane

Concen: 843.176 ug/l

RT: 9.319 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017216.D

Acq: 03 Feb 2024 05:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

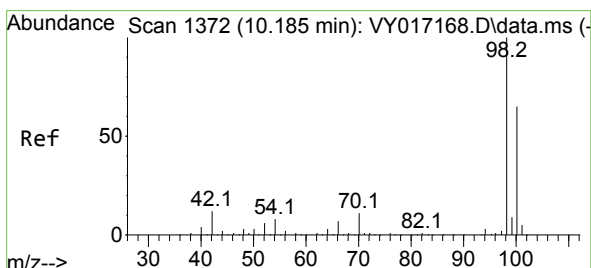
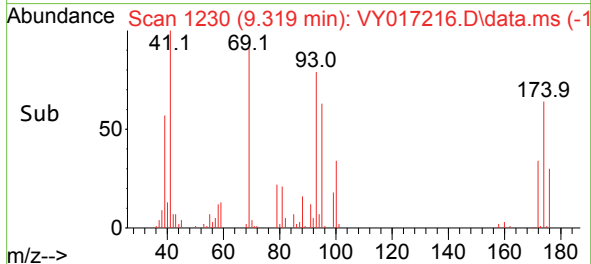
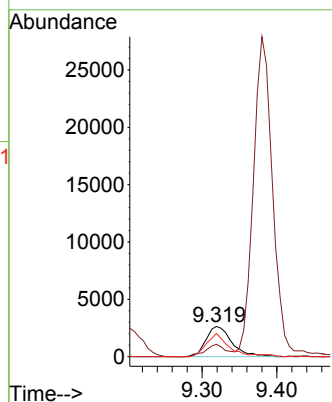
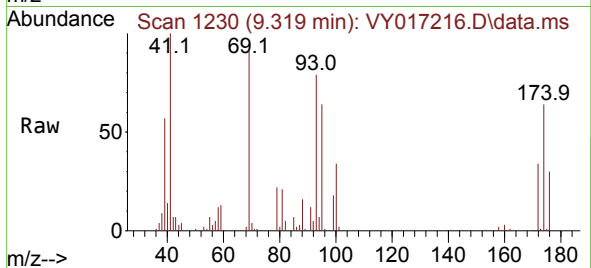
Tgt Ion: 88 Resp: 6364

Ion Ratio Lower Upper

88 100

43 33.0 28.2 42.4

58 63.9 52.2 78.2



#50

Toluene-d8

Concen: 56.140 ug/l

RT: 10.203 min Scan# 1375

Delta R.T. 0.019 min

Lab File: VY017216.D

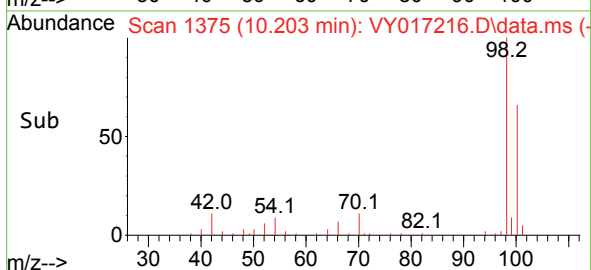
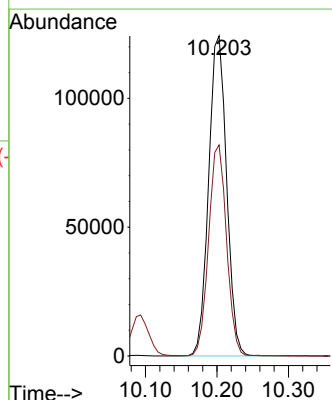
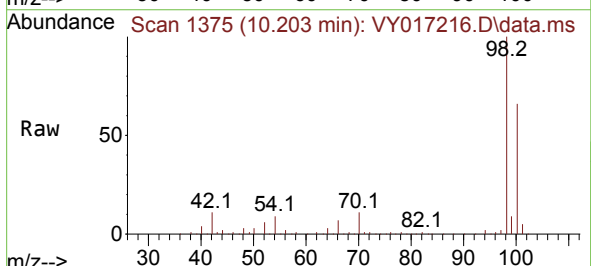
Acq: 03 Feb 2024 05:15

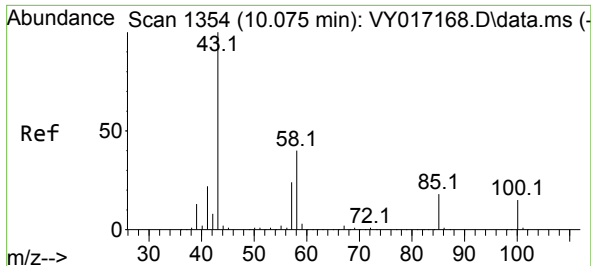
Tgt Ion: 98 Resp: 216866

Ion Ratio Lower Upper

98 100

100 65.6 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 223.396 ug/l

RT: 10.087 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017216.D

Acq: 03 Feb 2024 05:15

Instrument :

MSVOA_Y

ClientSampleId :

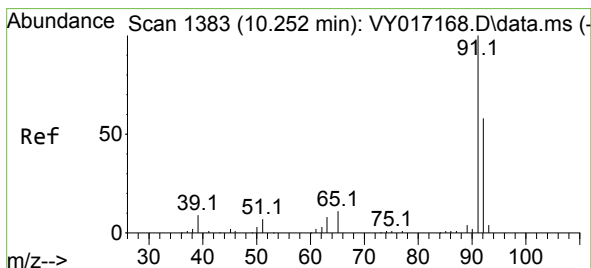
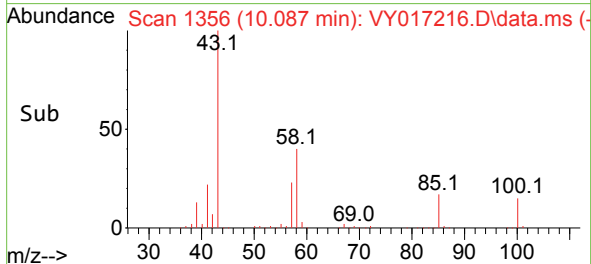
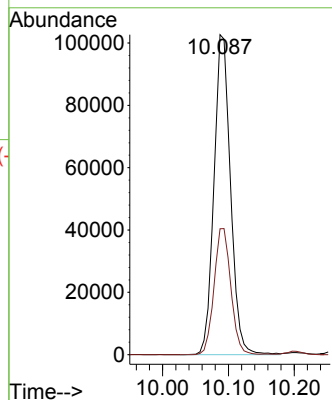
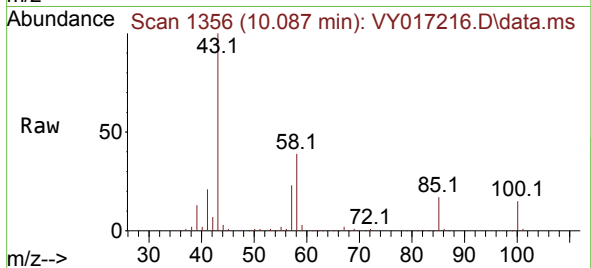
VSTDCCC050EC

Tgt Ion: 43 Resp: 179937

Ion Ratio Lower Upper

43 100

58 40.0 32.2 48.2



#52

Toluene

Concen: 47.616 ug/l

RT: 10.264 min Scan# 1385

Delta R.T. 0.012 min

Lab File: VY017216.D

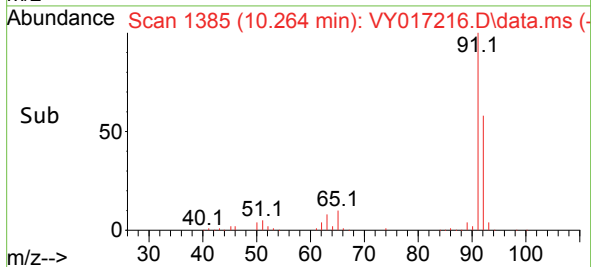
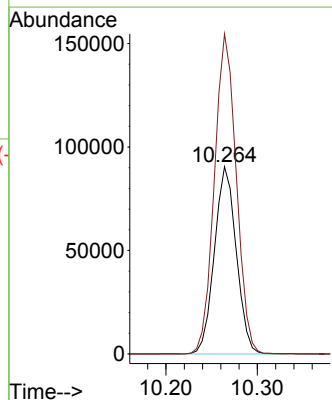
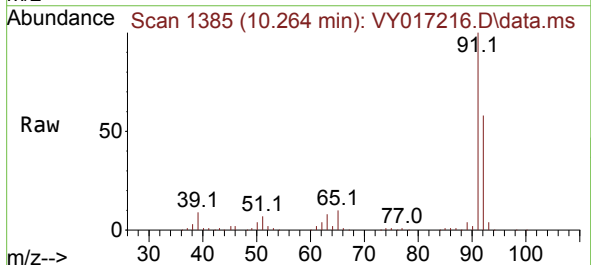
Acq: 03 Feb 2024 05:15

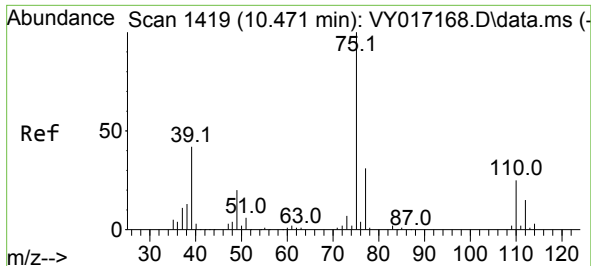
Tgt Ion: 92 Resp: 150211

Ion Ratio Lower Upper

92 100

91 171.8 137.6 206.4

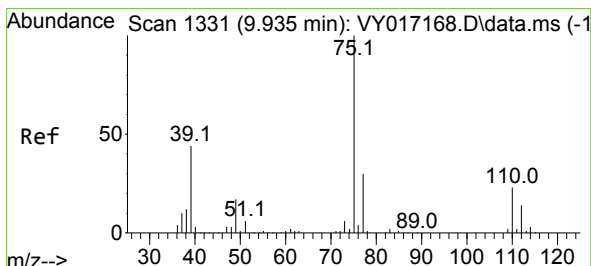
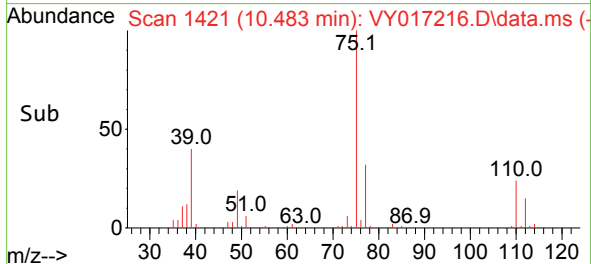
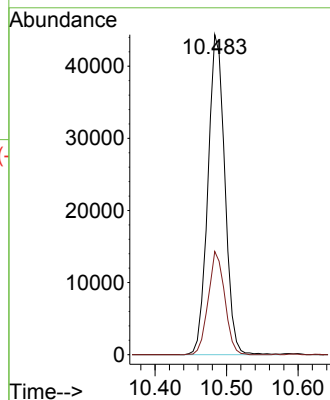
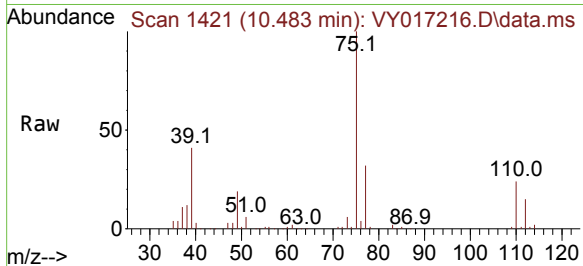




#53
t-1,3-Dichloropropene
Concen: 44.668 ug/l
RT: 10.483 min Scan# 1419
Delta R.T. 0.012 min
Lab File: VY017216.D
Acq: 03 Feb 2024 05:15

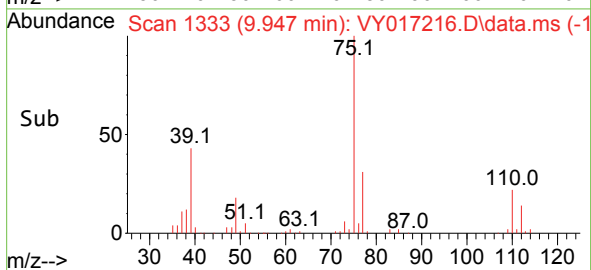
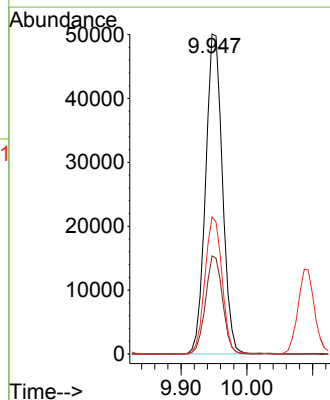
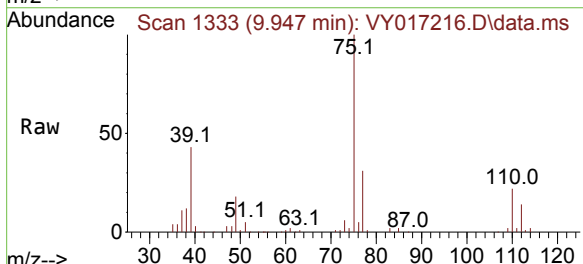
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

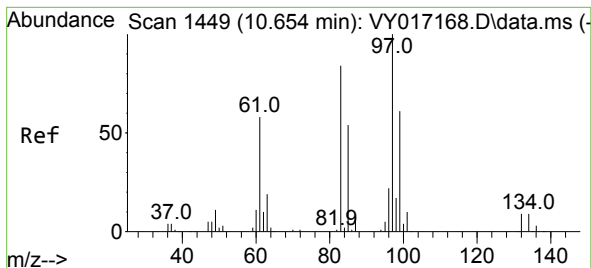
Tgt Ion: 75 Resp: 72812
Ion Ratio Lower Upper
75 100
77 32.2 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 45.771 ug/l
RT: 9.947 min Scan# 1333
Delta R.T. 0.012 min
Lab File: VY017216.D
Acq: 03 Feb 2024 05:15

Tgt Ion: 75 Resp: 89367
Ion Ratio Lower Upper
75 100
77 30.6 24.6 36.8
39 42.8 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 46.445 ug/l

RT: 10.666 min Scan# 1449

Delta R.T. 0.012 min

Lab File: VY017216.D

Acq: 03 Feb 2024 05:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 43819

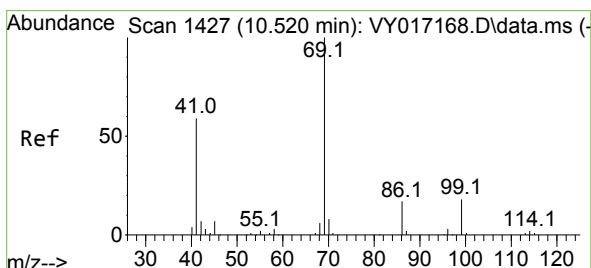
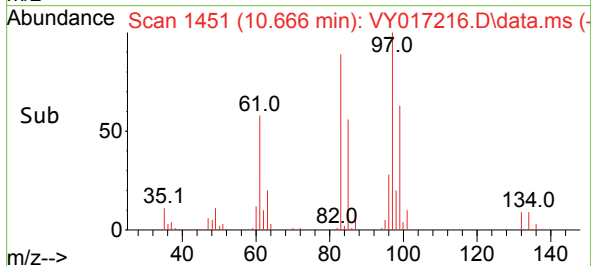
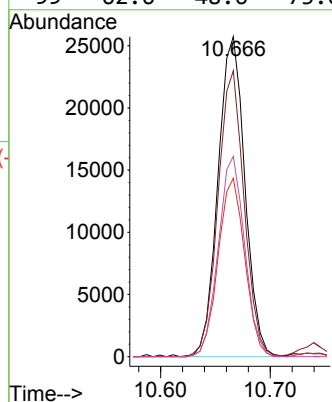
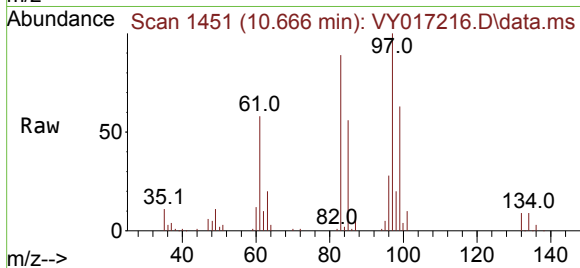
Ion Ratio Lower Upper

97 100

83 89.3 69.4 104.2

85 55.8 43.9 65.9

99 62.6 48.6 73.0



#56

Ethyl methacrylate

Concen: 42.582 ug/l

RT: 10.532 min Scan# 1429

Delta R.T. 0.012 min

Lab File: VY017216.D

Acq: 03 Feb 2024 05:15

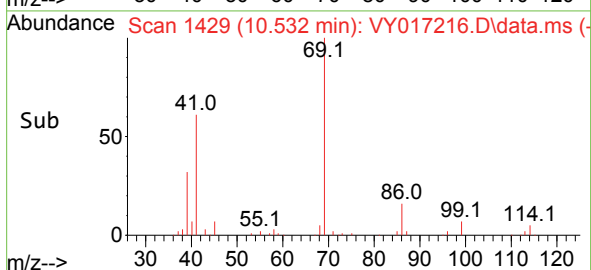
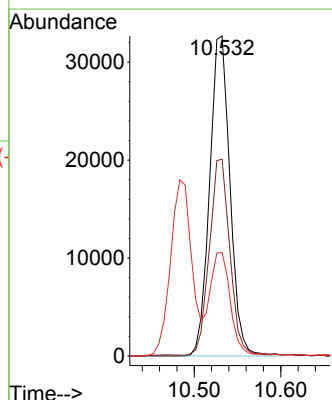
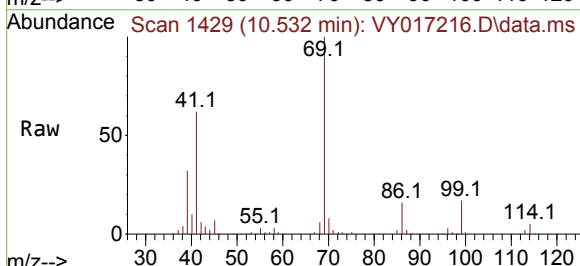
Tgt Ion: 69 Resp: 53451

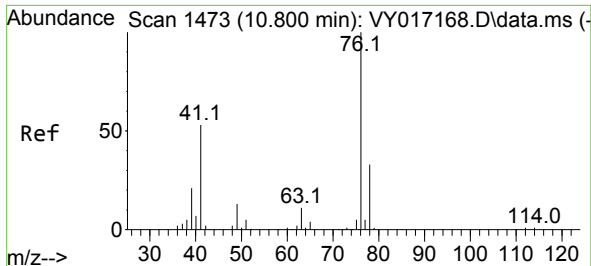
Ion Ratio Lower Upper

69 100

41 61.1 49.2 73.8

39 32.5 26.8 40.2





#57

1,3-Dichloropropane

Concen: 46.991 ug/l

RT: 10.807 min Scan# 1473

Delta R.T. 0.006 min

Lab File: VY017216.D

Acq: 03 Feb 2024 05:15

Instrument :

MSVOA_Y

ClientSampleId :

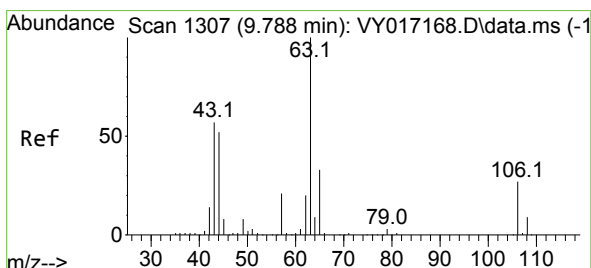
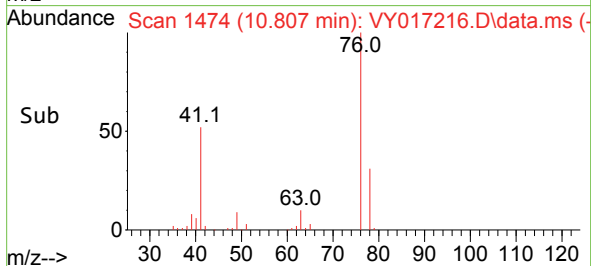
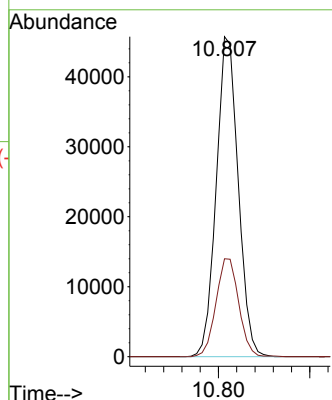
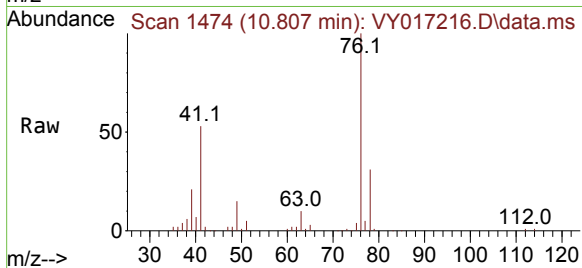
VSTDCCC050EC

Tgt Ion: 76 Resp: 76253

Ion Ratio Lower Upper

76 100

78 31.8 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 253.624 ug/l

RT: 9.801 min Scan# 1309

Delta R.T. 0.012 min

Lab File: VY017216.D

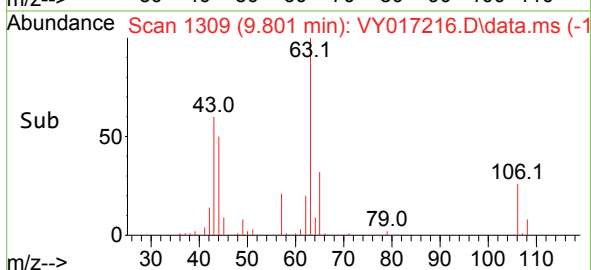
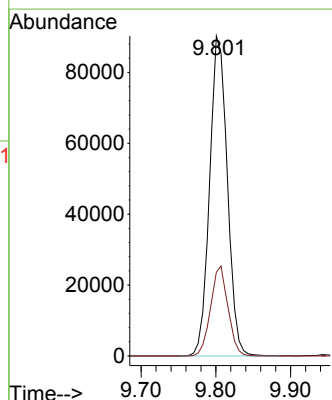
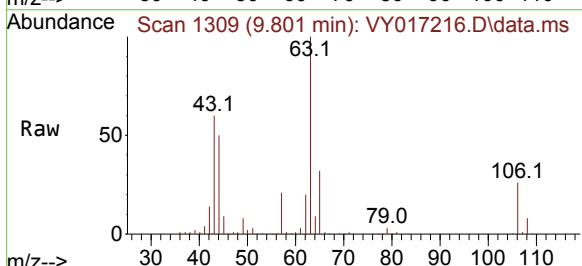
Acq: 03 Feb 2024 05:15

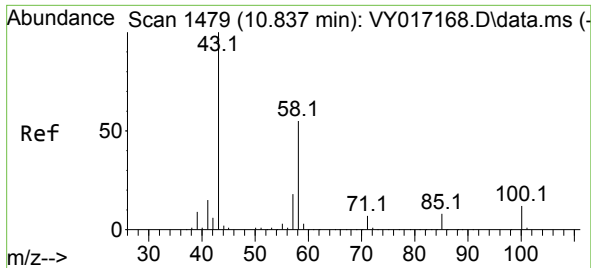
Tgt Ion: 63 Resp: 149070

Ion Ratio Lower Upper

63 100

106 27.5 22.4 33.6

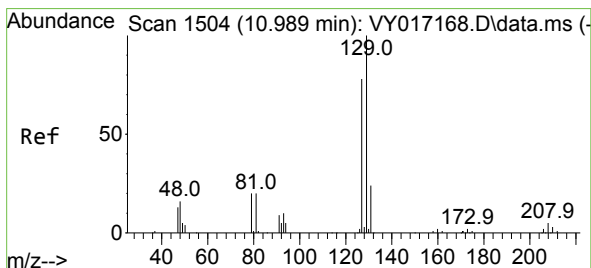
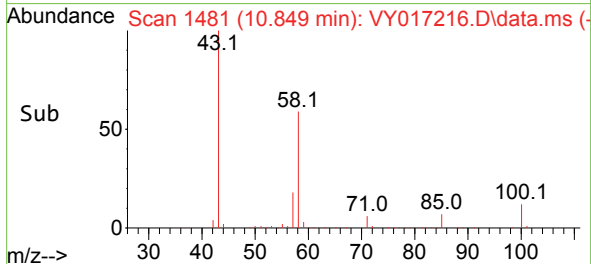
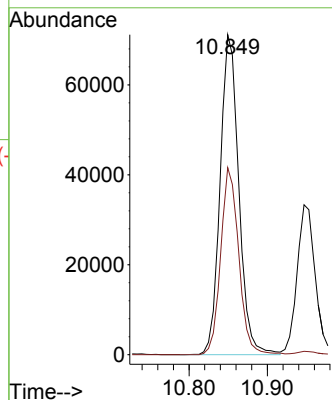
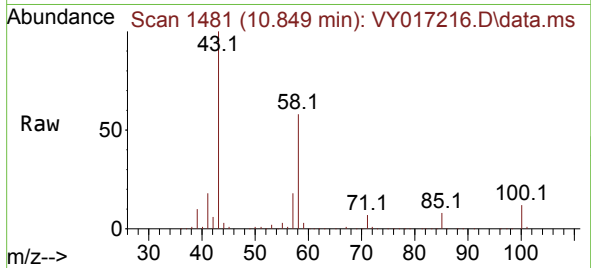




#59
2-Hexanone
Concen: 202.227 ug/l
RT: 10.849 min Scan# 1479
Delta R.T. 0.012 min
Lab File: VY017216.D
Acq: 03 Feb 2024 05:15

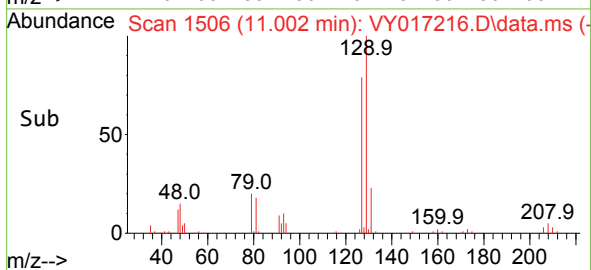
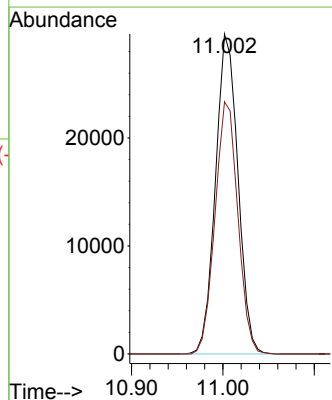
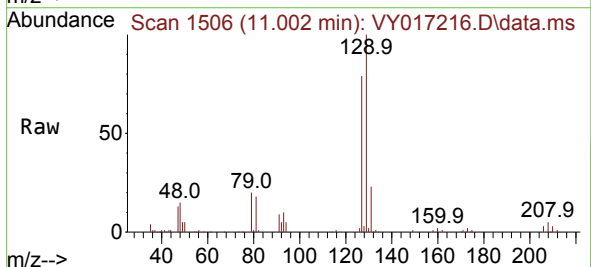
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

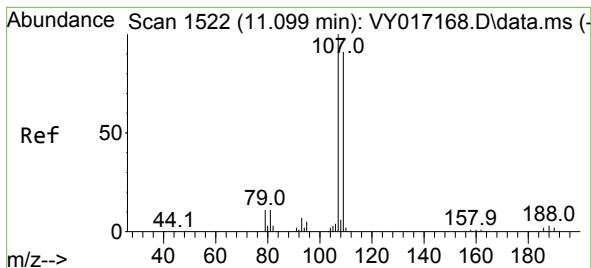
Tgt Ion: 43 Resp: 117784
Ion Ratio Lower Upper
43 100
58 56.7 28.1 84.3



#60
Dibromochloromethane
Concen: 45.657 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.012 min
Lab File: VY017216.D
Acq: 03 Feb 2024 05:15

Tgt Ion:129 Resp: 50533
Ion Ratio Lower Upper
129 100
127 80.2 39.2 117.6





#61

1,2-Dibromoethane

Concen: 46.136 ug/l

RT: 11.111 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017216.D

Acq: 03 Feb 2024 05:15

Instrument :

MSVOA_Y

ClientSampleId :

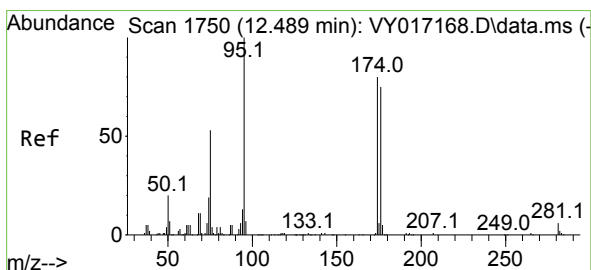
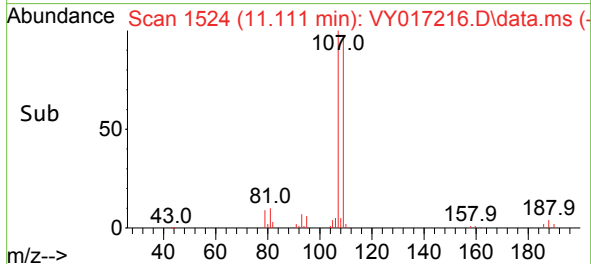
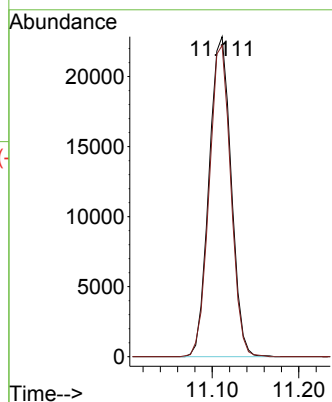
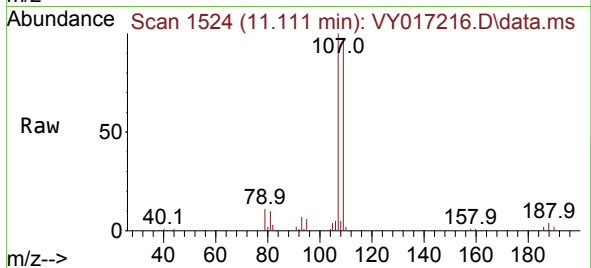
VSTDCCC050EC

Tgt Ion:107 Resp: 40482

Ion Ratio Lower Upper

107 100

109 94.8 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 55.072 ug/l

RT: 12.501 min Scan# 1752

Delta R.T. 0.012 min

Lab File: VY017216.D

Acq: 03 Feb 2024 05:15

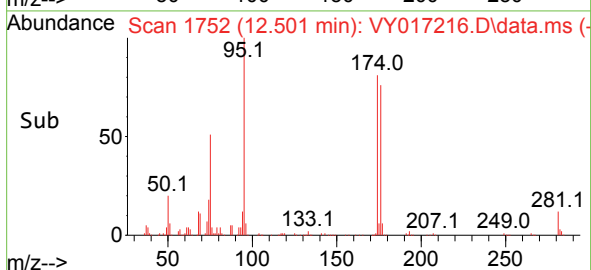
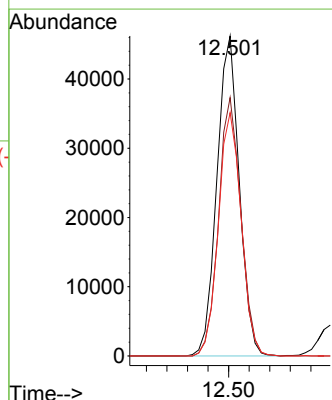
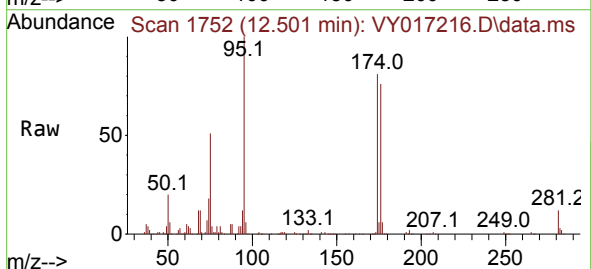
Tgt Ion: 95 Resp: 69690

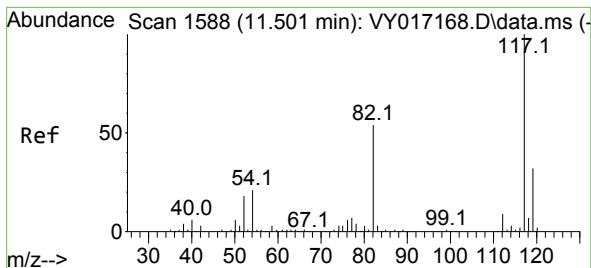
Ion Ratio Lower Upper

95 100

174 80.6 0.0 160.0

176 77.6 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017216.D

Acq: 03 Feb 2024 05:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

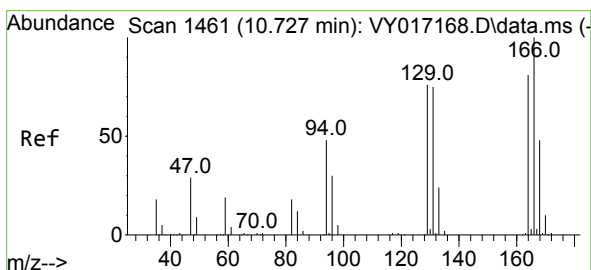
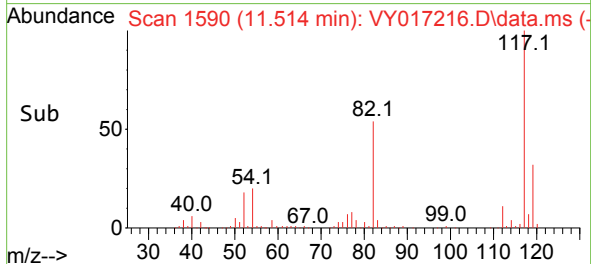
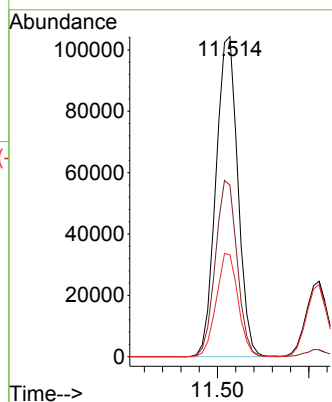
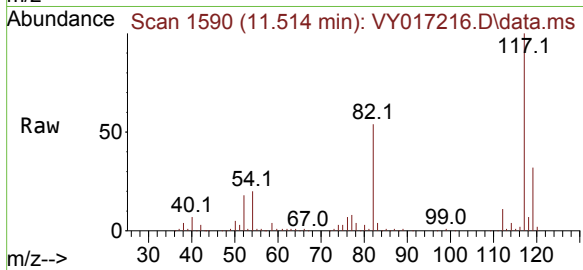
Tgt Ion:117 Resp: 174104

Ion Ratio Lower Upper

117 100

82 53.6 43.8 65.8

119 31.8 26.5 39.7



#64

Tetrachloroethene

Concen: 47.853 ug/l

RT: 10.740 min Scan# 1463

Delta R.T. 0.012 min

Lab File: VY017216.D

Acq: 03 Feb 2024 05:15

Tgt Ion:164 Resp: 54108

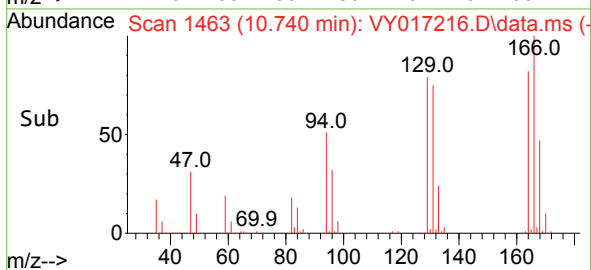
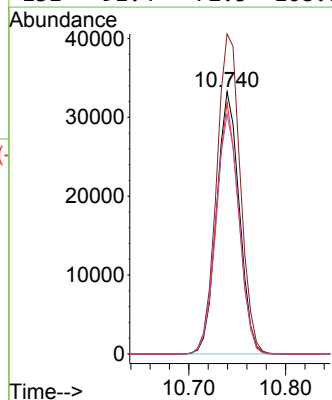
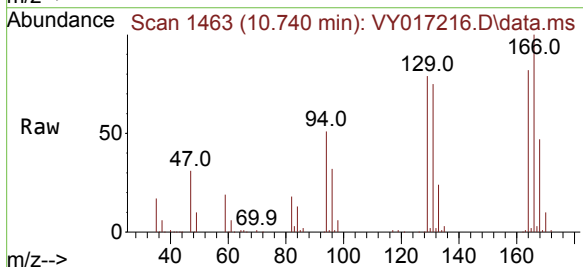
Ion Ratio Lower Upper

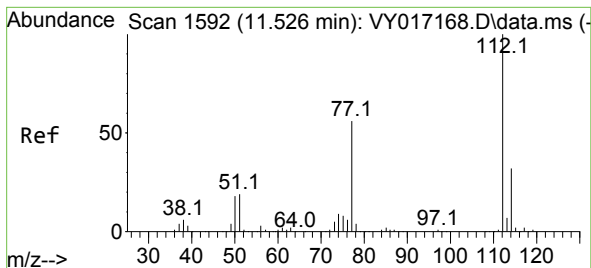
164 100

166 122.0 98.8 148.2

129 95.9 78.9 118.3

131 91.4 72.5 108.7

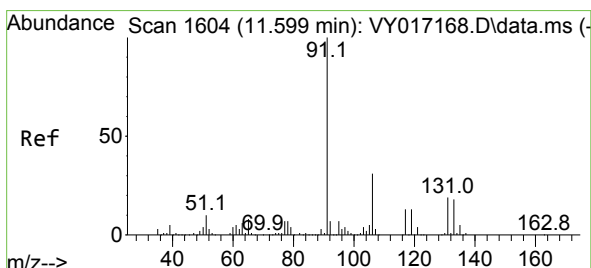
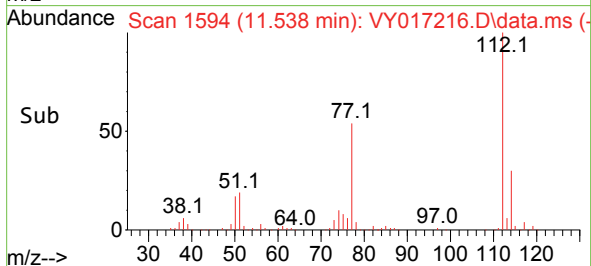
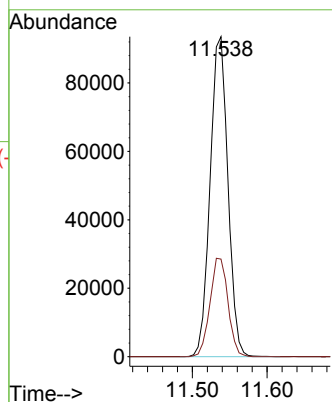
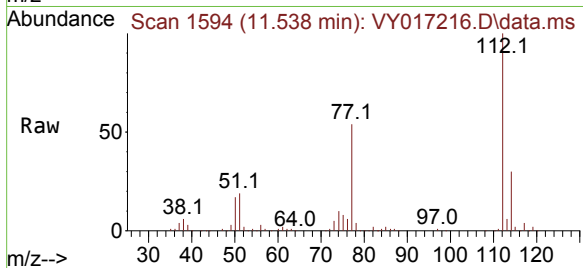




#65
Chlorobenzene
Concen: 46.098 ug/l
RT: 11.538 min Scan# 111
Delta R.T. 0.012 min
Lab File: VY017216.D
Acq: 03 Feb 2024 05:15

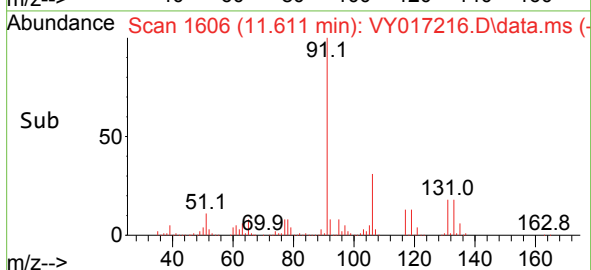
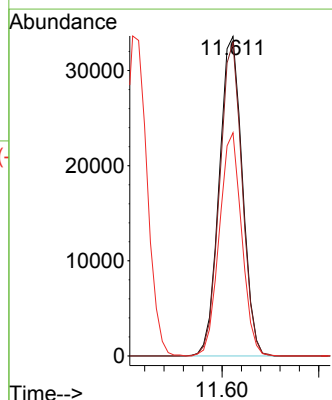
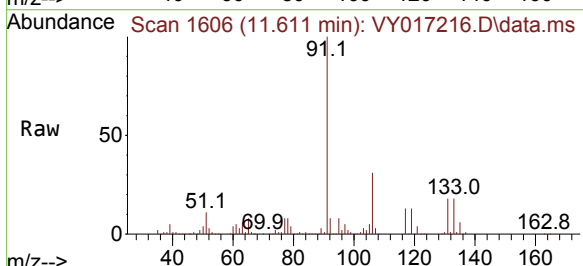
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

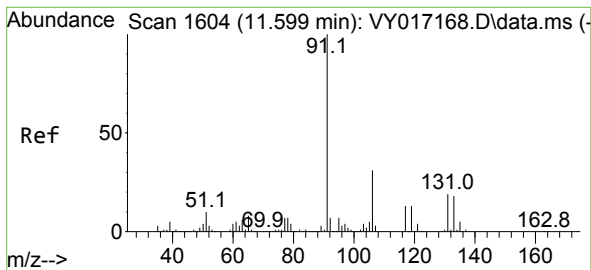
Tgt Ion:112 Resp: 154823
Ion Ratio Lower Upper
112 100
114 30.5 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 45.644 ug/l
RT: 11.611 min Scan# 1606
Delta R.T. 0.012 min
Lab File: VY017216.D
Acq: 03 Feb 2024 05:15

Tgt Ion:131 Resp: 55711
Ion Ratio Lower Upper
131 100
133 95.4 47.0 141.0
119 67.6 33.3 99.9





#67

Ethyl Benzene

Concen: 45.968 ug/l

RT: 11.611 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017216.D

Acq: 03 Feb 2024 05:15

Instrument :

MSVOA_Y

ClientSampleId :

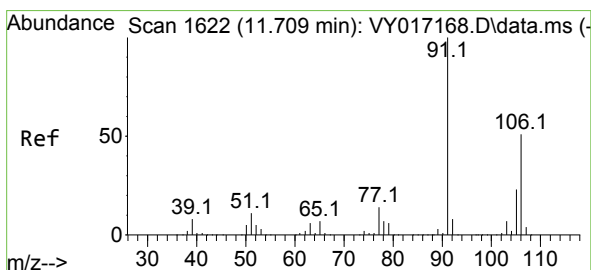
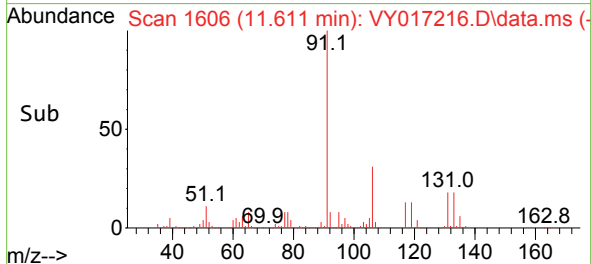
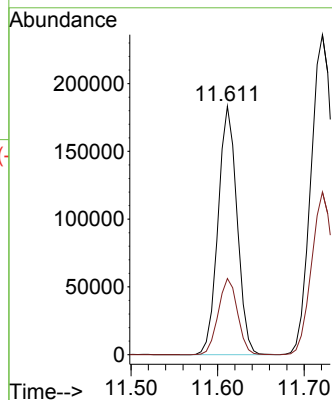
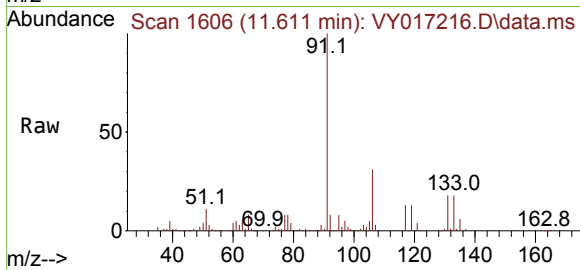
VSTDCCC050EC

Tgt Ion: 91 Resp: 279028

Ion Ratio Lower Upper

91 100

106 30.7 25.0 37.4



#68

m/p-Xylenes

Concen: 92.508 ug/l

RT: 11.721 min Scan# 1624

Delta R.T. 0.012 min

Lab File: VY017216.D

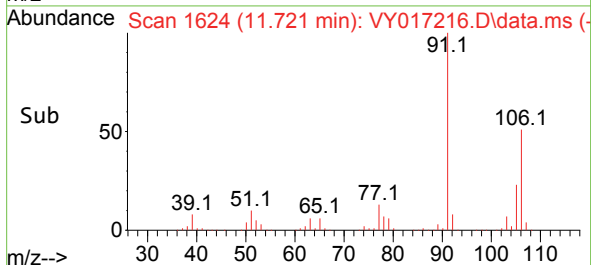
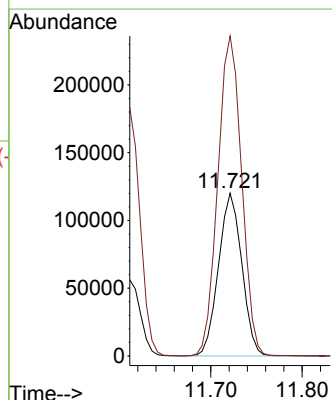
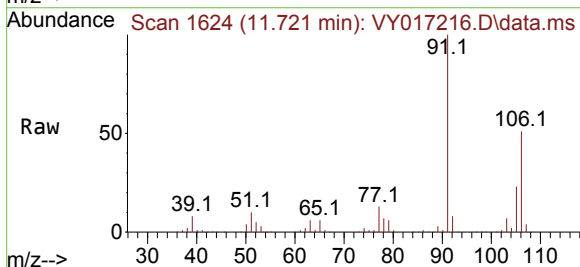
Acq: 03 Feb 2024 05:15

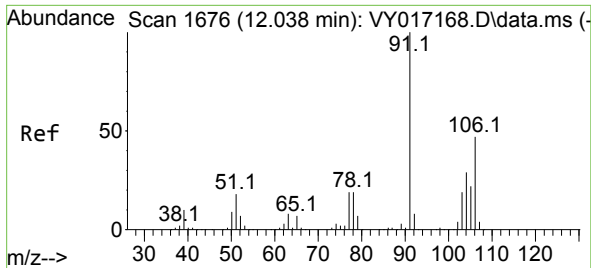
Tgt Ion: 106 Resp: 213094

Ion Ratio Lower Upper

106 100

91 200.5 160.7 241.1

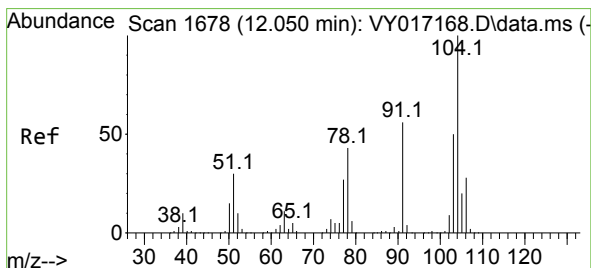
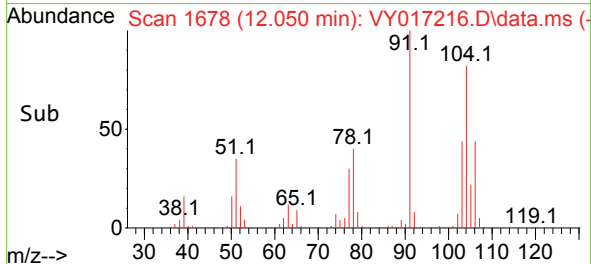
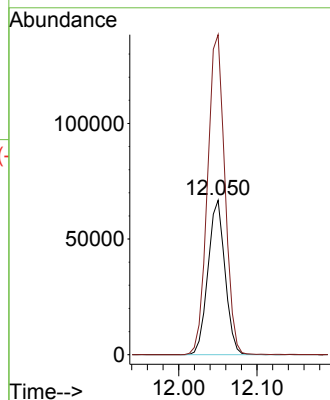
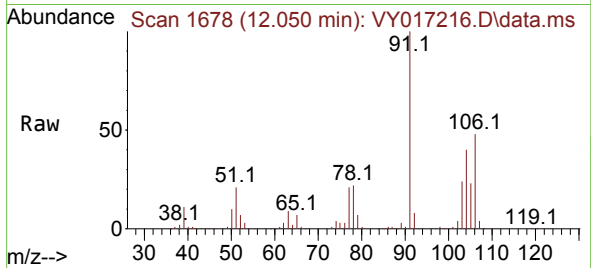




#69
o-Xylene
Concen: 47.406 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.012 min
Lab File: VY017216.D
Acq: 03 Feb 2024 05:15

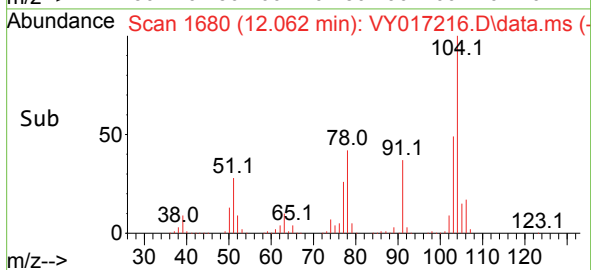
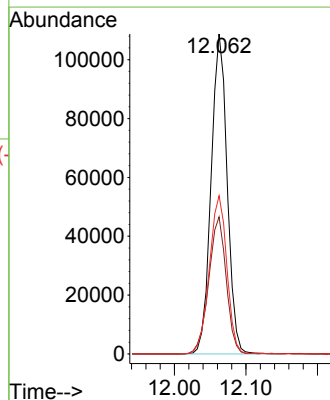
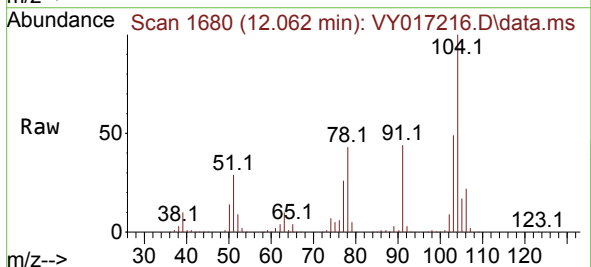
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 100563
Ion Ratio Lower Upper
106 100
91 211.1 106.5 319.5



#70
Styrene
Concen: 48.547 ug/l
RT: 12.062 min Scan# 1680
Delta R.T. 0.012 min
Lab File: VY017216.D
Acq: 03 Feb 2024 05:15

Tgt Ion:104 Resp: 169681
Ion Ratio Lower Upper
104 100
78 46.6 39.2 58.8
103 53.8 43.8 65.6





#71

Bromoform

Concen: 44.859 ug/l

RT: 12.227 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017216.D

Acq: 03 Feb 2024 05:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

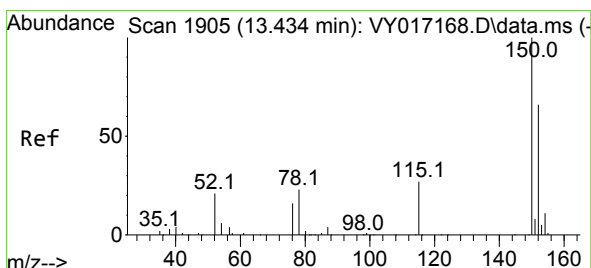
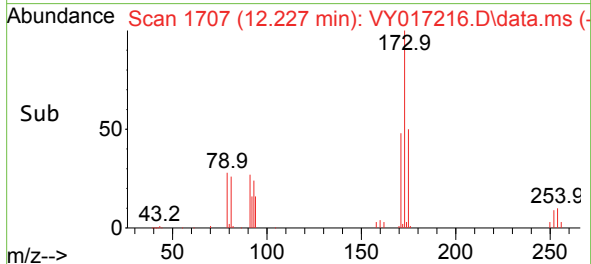
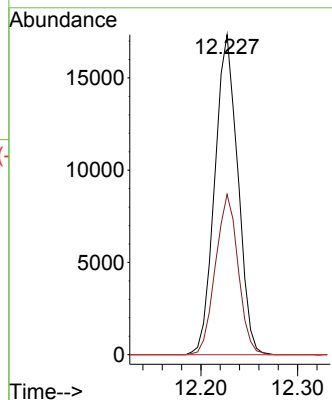
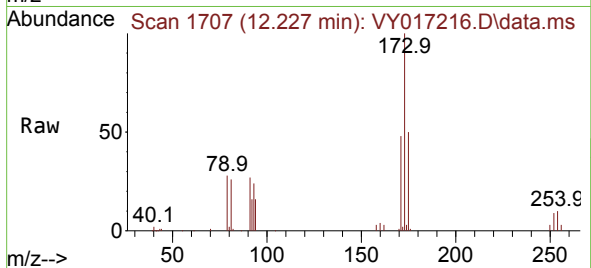
Tgt Ion:173 Resp: 28674

Ion Ratio Lower Upper

173 100

175 49.2 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.012 min

Lab File: VY017216.D

Acq: 03 Feb 2024 05:15

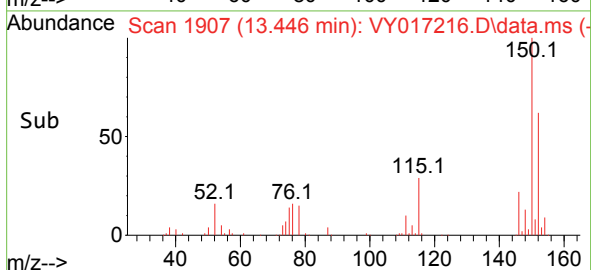
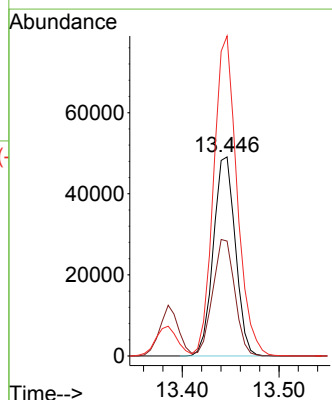
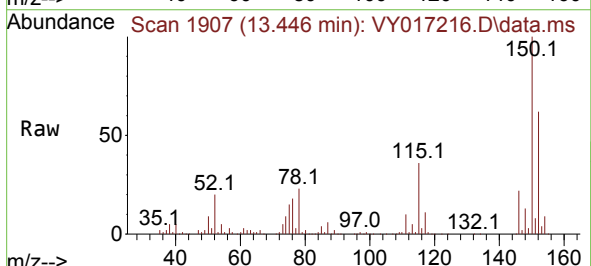
Tgt Ion:152 Resp: 77523

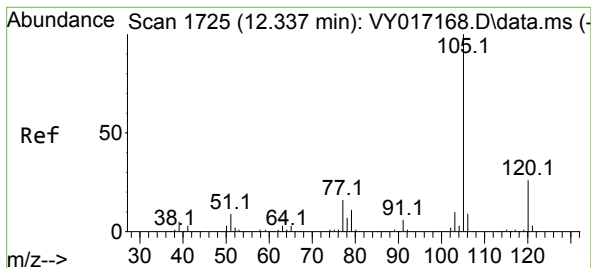
Ion Ratio Lower Upper

152 100

115 58.8 30.0 90.0

150 171.1 0.0 344.6





#73

Isopropylbenzene

Concen: 45.421 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017216.D

Acq: 03 Feb 2024 05:15

Instrument :

MSVOA_Y

ClientSampleId :

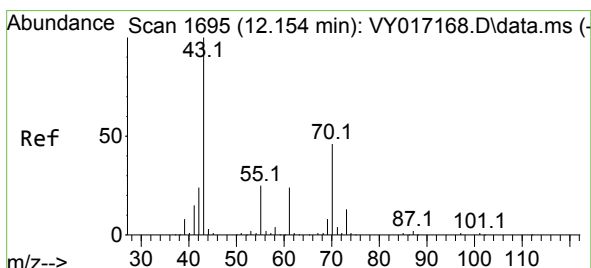
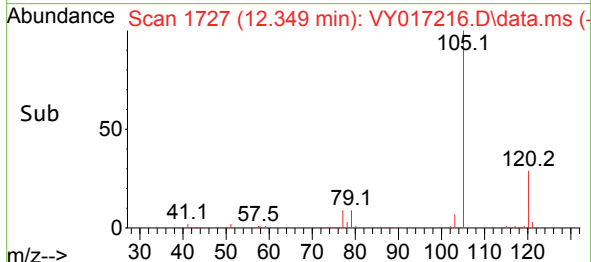
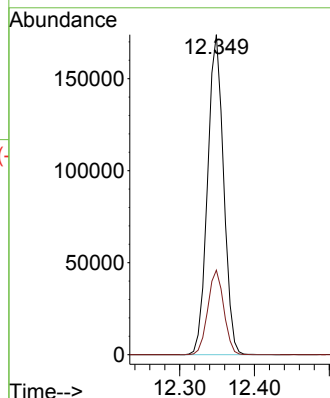
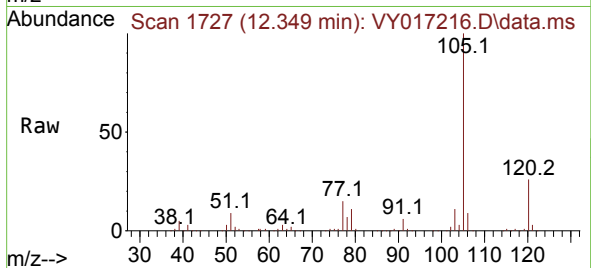
VSTDCCC050EC

Tgt Ion:105 Resp: 258678

Ion Ratio Lower Upper

105 100

120 26.3 13.0 39.0



#74

N-ethyl acetate

Concen: 43.012 ug/l

RT: 12.160 min Scan# 1696

Delta R.T. 0.006 min

Lab File: VY017216.D

Acq: 03 Feb 2024 05:15

Tgt Ion: 43 Resp: 55041

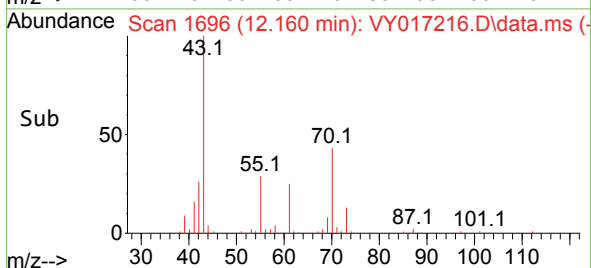
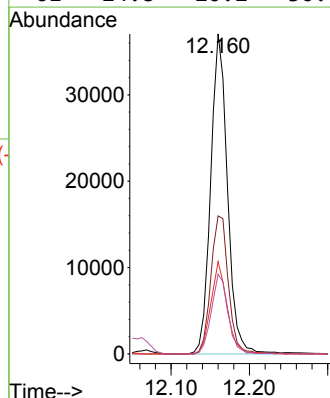
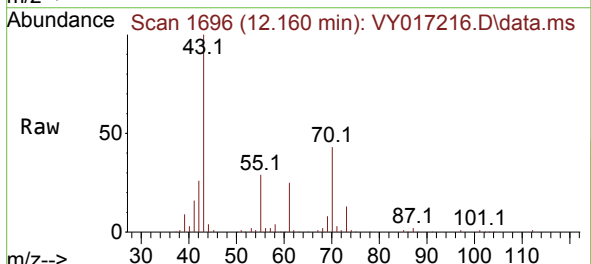
Ion Ratio Lower Upper

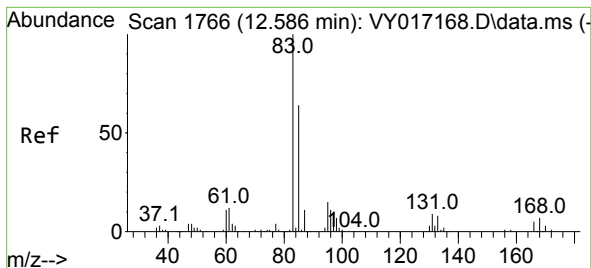
43 100

70 45.0 36.6 55.0

55 28.1 22.2 33.4

61 24.8 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 43.376 ug/l

RT: 12.599 min Scan# 1768

Delta R.T. 0.012 min

Lab File: VY017216.D

Acq: 03 Feb 2024 05:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

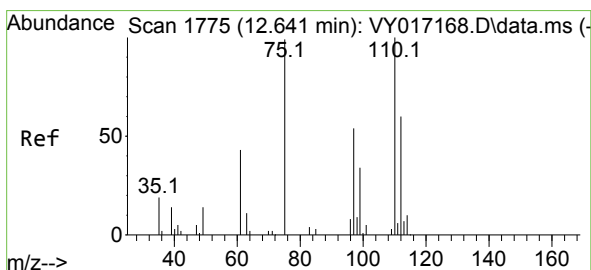
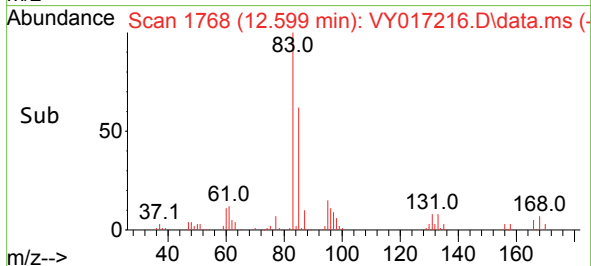
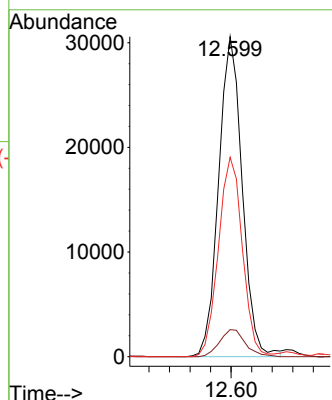
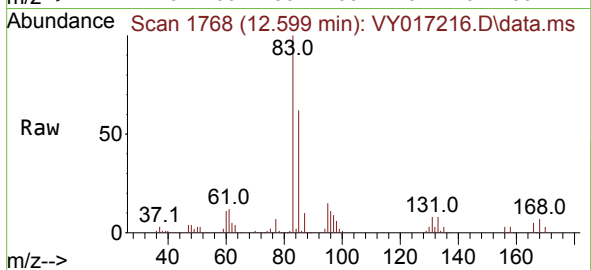
Tgt Ion: 83 Resp: 48587

Ion Ratio Lower Upper

83 100

131 9.2 4.9 14.6

85 63.4 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 81.054 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VY017216.D

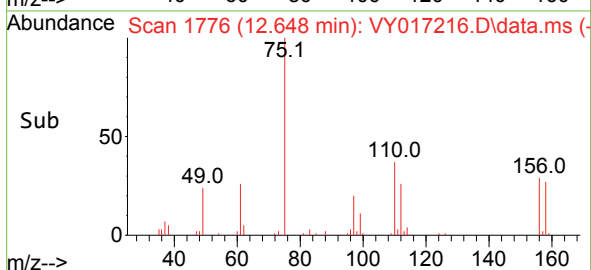
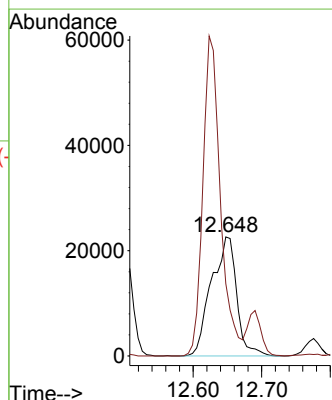
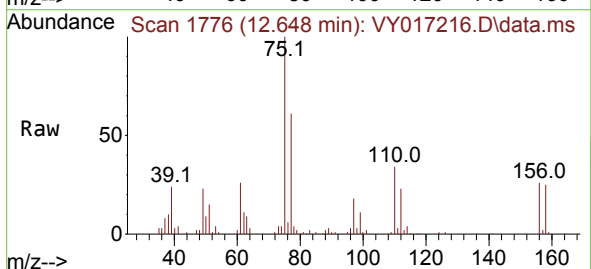
Acq: 03 Feb 2024 05:15

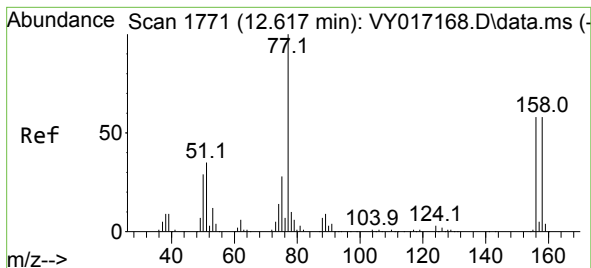
Tgt Ion: 75 Resp: 57996

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 45.338 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. 0.012 min

Lab File: VY017216.D

Acq: 03 Feb 2024 05:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

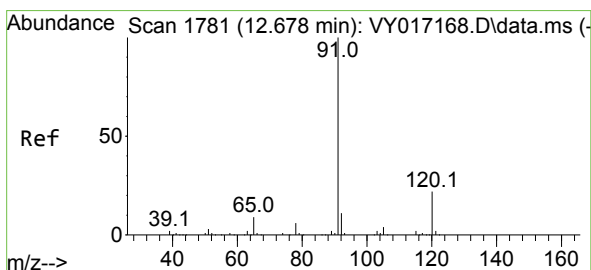
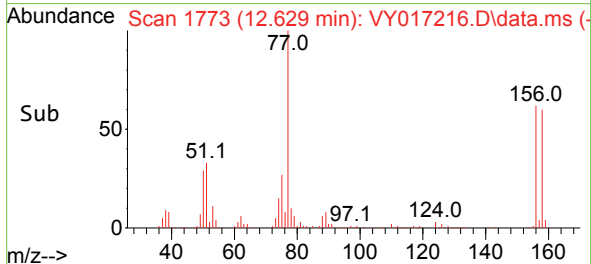
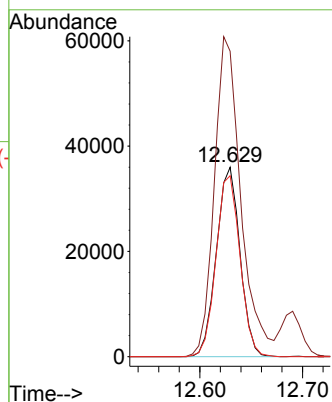
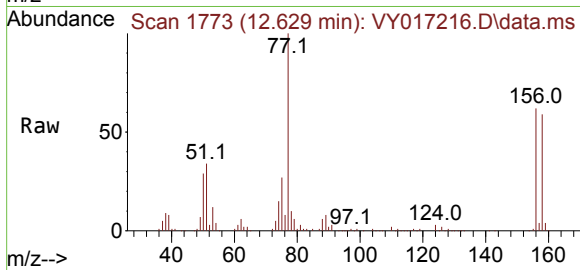
Tgt Ion:156 Resp: 57273

Ion Ratio Lower Upper

156 100

77 190.1 97.3 291.8

158 97.4 48.4 145.0



#78

n-propylbenzene

Concen: 45.443 ug/l

RT: 12.690 min Scan# 1783

Delta R.T. 0.012 min

Lab File: VY017216.D

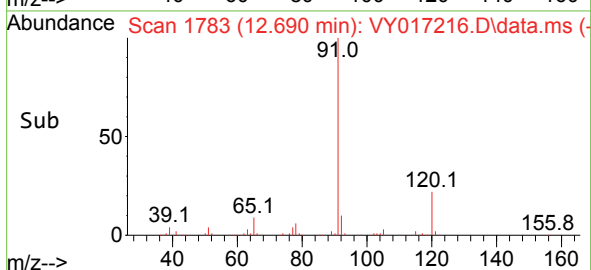
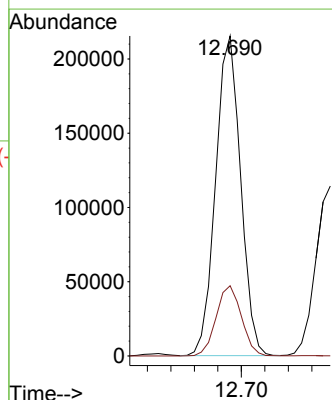
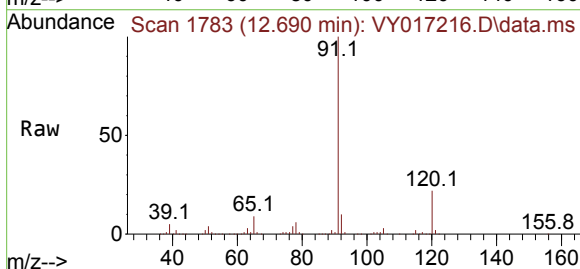
Acq: 03 Feb 2024 05:15

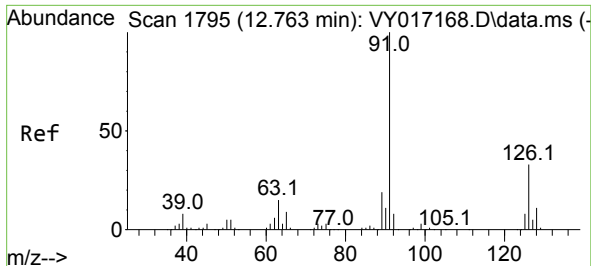
Tgt Ion: 91 Resp: 317854

Ion Ratio Lower Upper

91 100

120 22.2 11.0 33.0

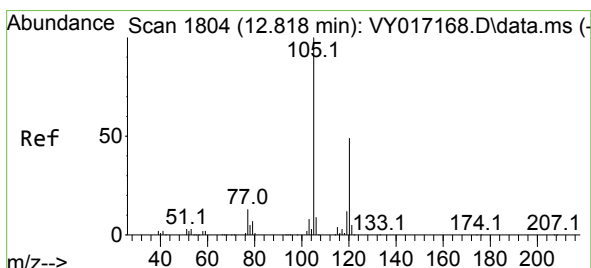
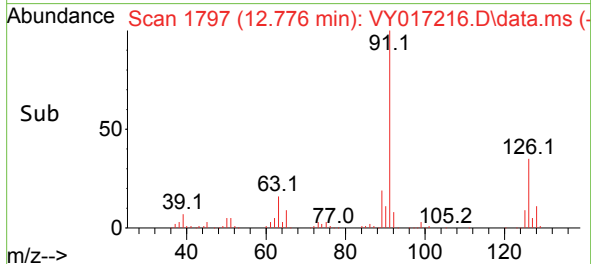
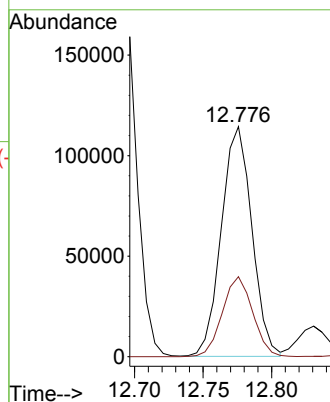
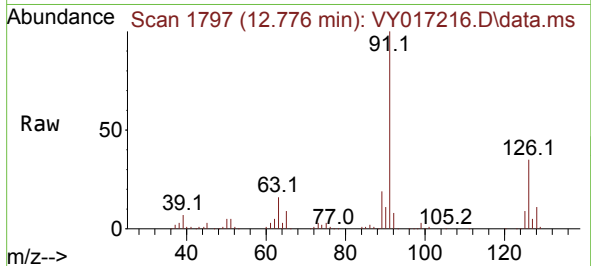




#79
2-Chlorotoluene
Concen: 46.153 ug/l
RT: 12.776 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017216.D
Acq: 03 Feb 2024 05:15

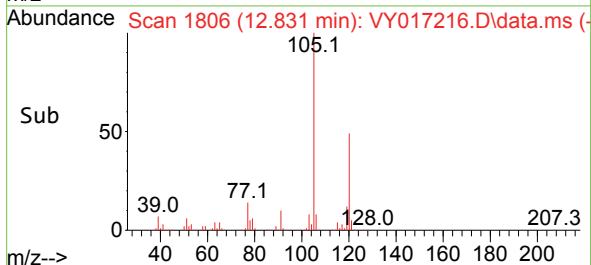
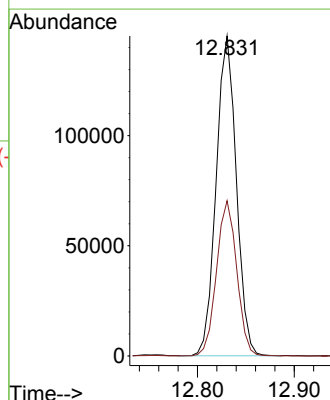
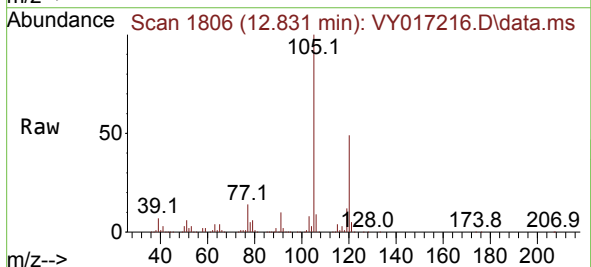
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

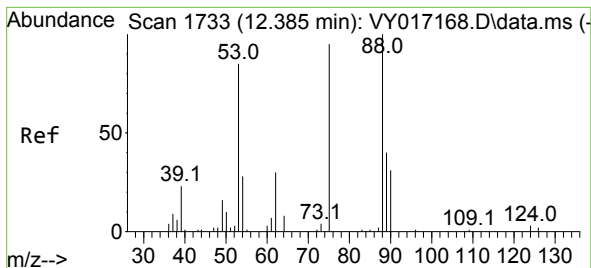
Tgt Ion: 91 Resp: 177479
Ion Ratio Lower Upper
91 100
126 34.6 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 46.351 ug/l
RT: 12.831 min Scan# 1806
Delta R.T. 0.012 min
Lab File: VY017216.D
Acq: 03 Feb 2024 05:15

Tgt Ion: 105 Resp: 209940
Ion Ratio Lower Upper
105 100
120 48.8 24.3 72.8

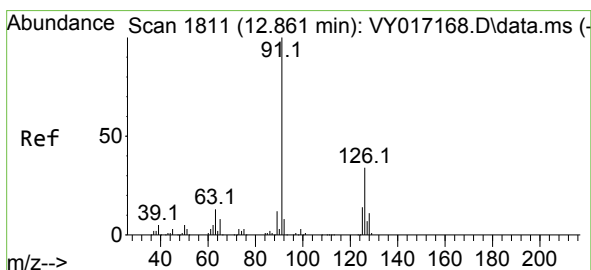
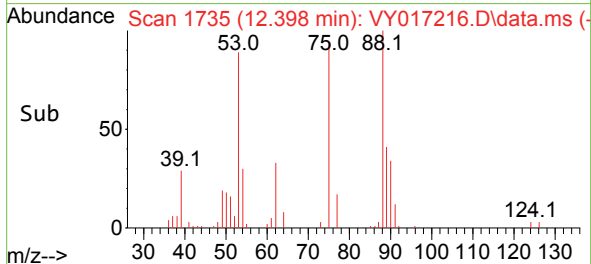
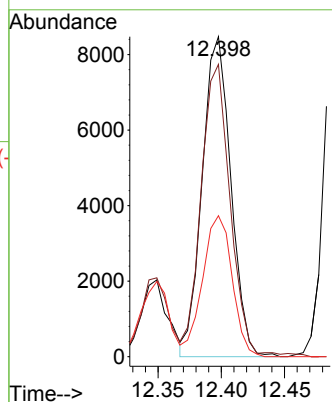
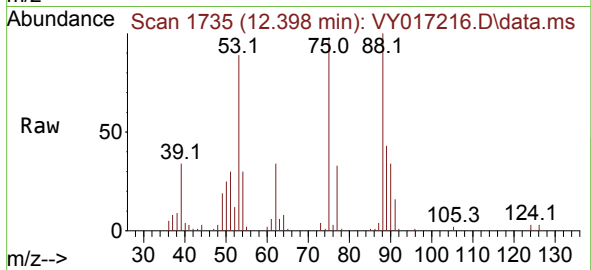




#81
trans-1,4-Dichloro-2-butene
Concen: 38.701 ug/l
RT: 12.398 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017216.D
Acq: 03 Feb 2024 05:15

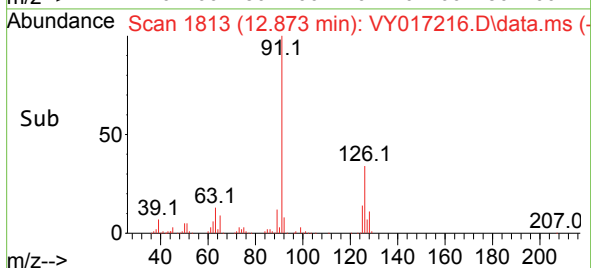
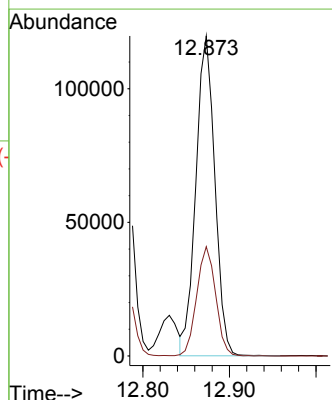
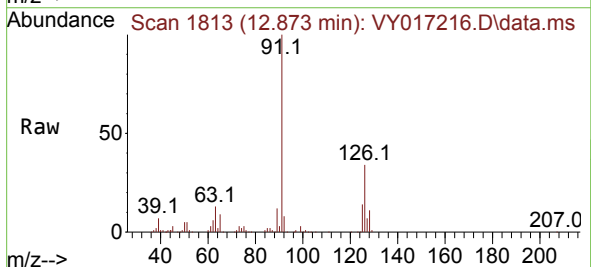
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

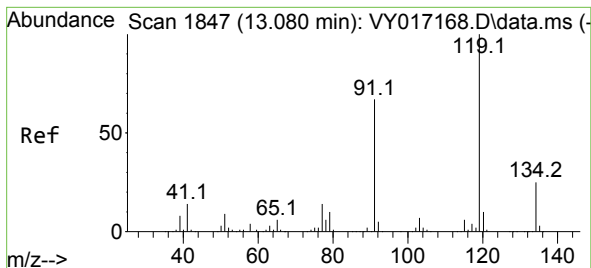
Tgt Ion: 75 Resp: 13327
Ion Ratio Lower Upper
75 100
53 93.2 74.0 111.0
89 45.7 36.5 54.7



#82
4-Chlorotoluene
Concen: 45.935 ug/l
RT: 12.873 min Scan# 1813
Delta R.T. 0.012 min
Lab File: VY017216.D
Acq: 03 Feb 2024 05:15

Tgt Ion: 91 Resp: 181798
Ion Ratio Lower Upper
91 100
126 34.2 17.1 51.2





#83

tert-Butylbenzene

Concen: 46.242 ug/l

RT: 13.093 min Scan# 1849

Delta R.T. 0.012 min

Lab File: VY017216.D

Acq: 03 Feb 2024 05:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

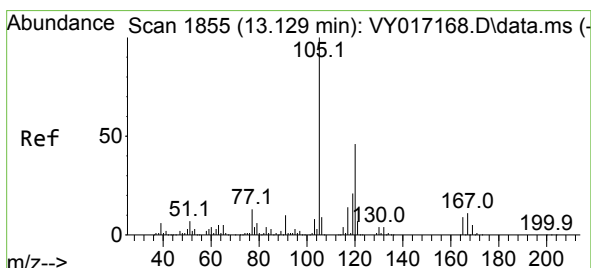
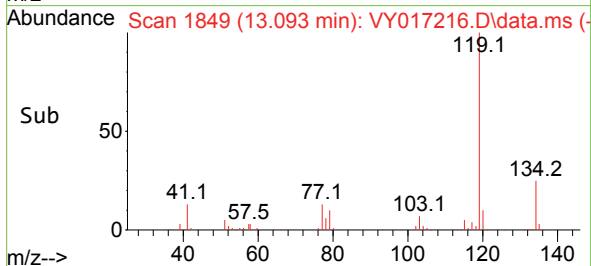
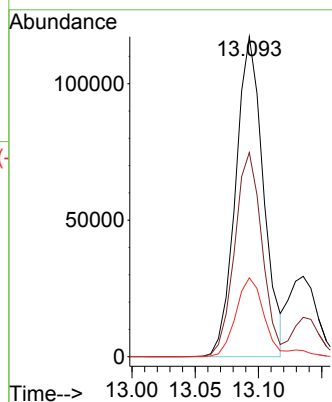
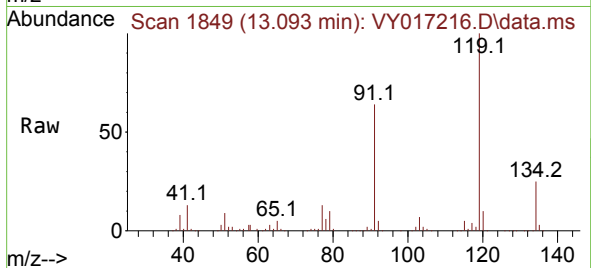
Tgt Ion:119 Resp: 179538

Ion Ratio Lower Upper

119 100

91 62.8 31.5 94.5

134 26.2 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 46.381 ug/l

RT: 13.135 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VY017216.D

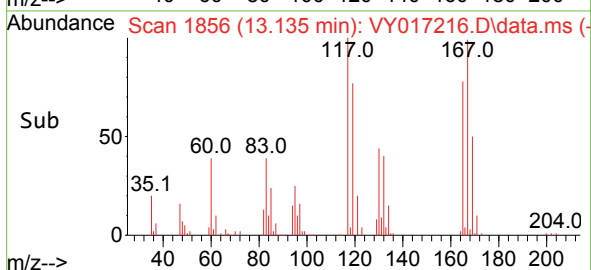
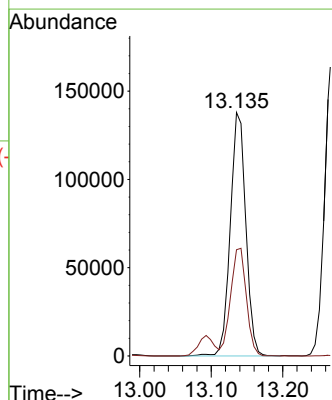
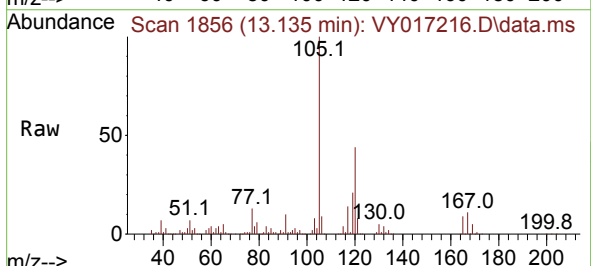
Acq: 03 Feb 2024 05:15

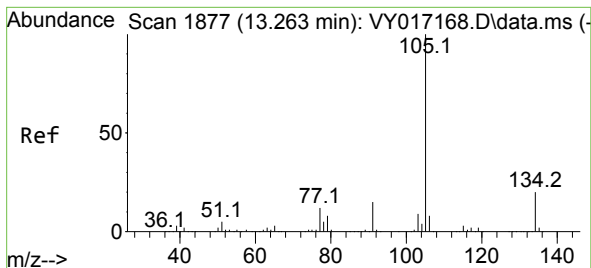
Tgt Ion:105 Resp: 207361

Ion Ratio Lower Upper

105 100

120 45.0 22.1 66.3





#85

sec-Butylbenzene

Concen: 44.782 ug/l

RT: 13.270 min Scan# 1877

Delta R.T. 0.006 min

Lab File: VY017216.D

Acq: 03 Feb 2024 05:15

Instrument :

MSVOA_Y

ClientSampleId :

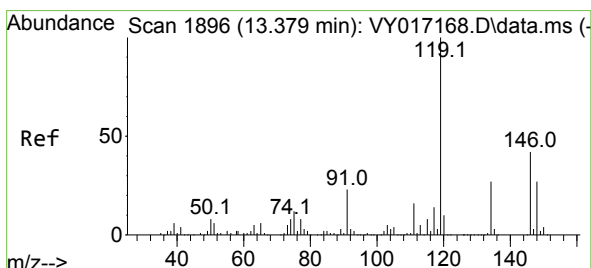
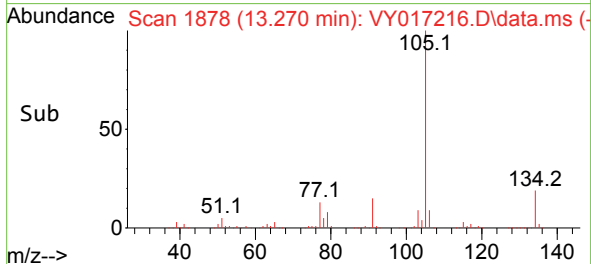
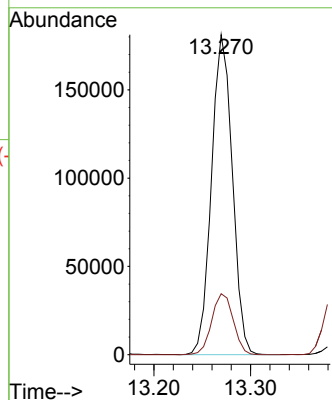
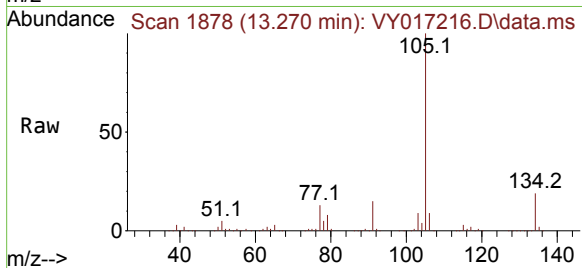
VSTDCCC050EC

Tgt Ion:105 Resp: 271743

Ion Ratio Lower Upper

105 100

134 19.6 9.7 28.9



#86

p-Isopropyltoluene

Concen: 45.088 ug/l

RT: 13.385 min Scan# 1897

Delta R.T. 0.006 min

Lab File: VY017216.D

Acq: 03 Feb 2024 05:15

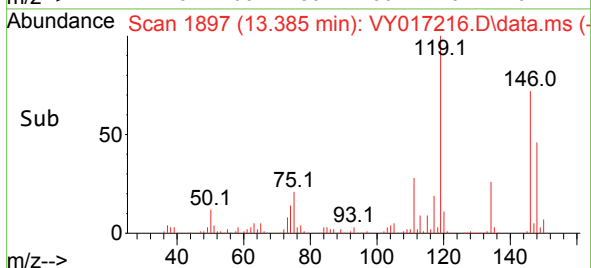
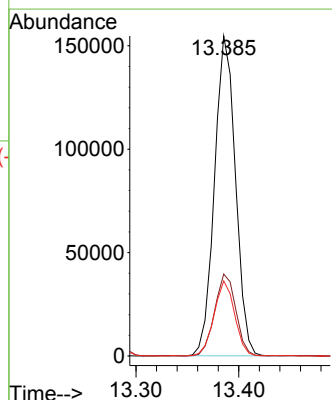
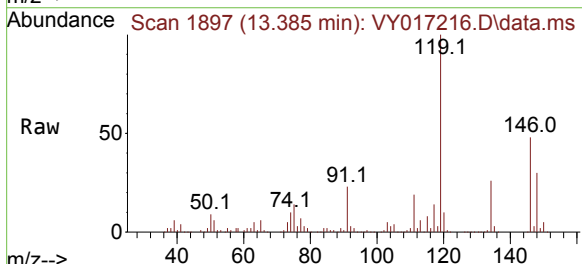
Tgt Ion:119 Resp: 218636

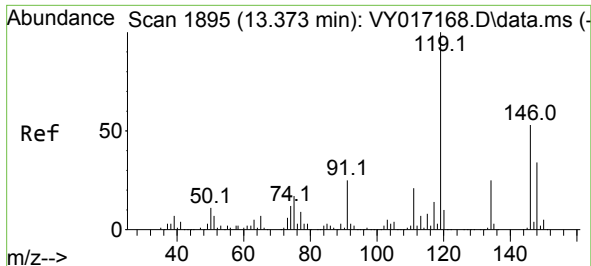
Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.1

91 23.0 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 44.885 ug/l

RT: 13.385 min Scan# 1895

Delta R.T. 0.012 min

Lab File: VY017216.D

Acq: 03 Feb 2024 05:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

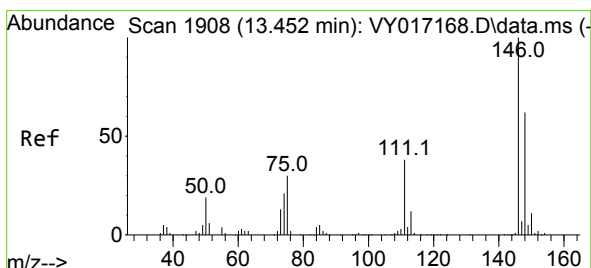
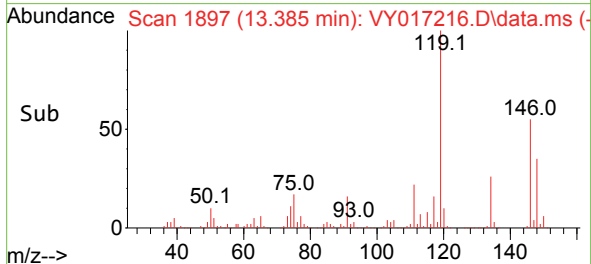
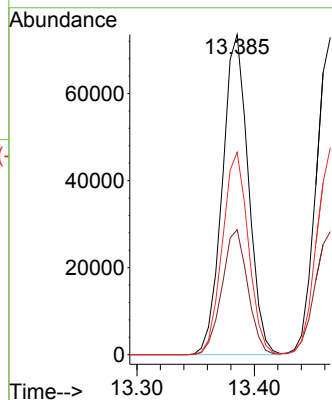
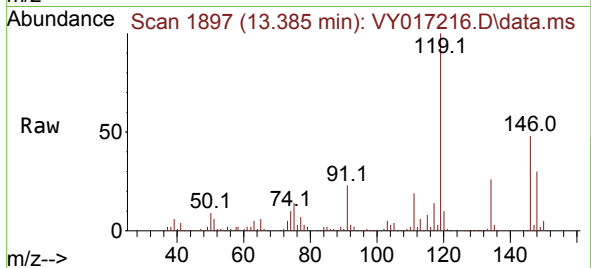
Tgt Ion:146 Resp: 113114

Ion Ratio Lower Upper

146 100

111 38.8 20.2 60.5

148 63.2 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 45.338 ug/l

RT: 13.465 min Scan# 1910

Delta R.T. 0.012 min

Lab File: VY017216.D

Acq: 03 Feb 2024 05:15

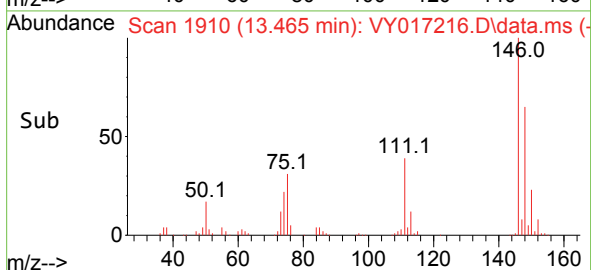
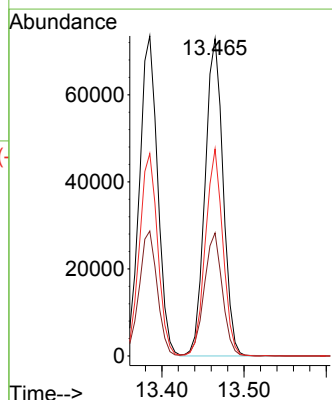
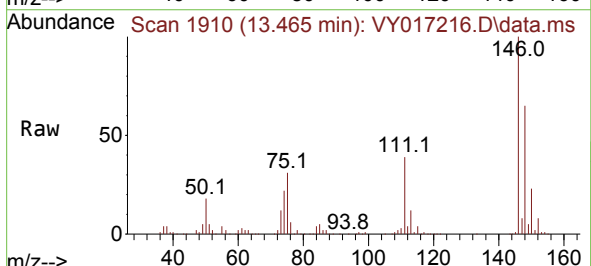
Tgt Ion:146 Resp: 111003

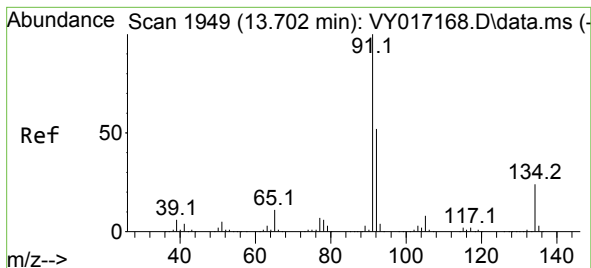
Ion Ratio Lower Upper

146 100

111 39.1 19.3 57.9

148 63.3 31.6 94.7





#89

n-Butylbenzene

Concen: 44.622 ug/l

RT: 13.715 min Scan# 1951

Delta R.T. 0.012 min

Lab File: VY017216.D

Acq: 03 Feb 2024 05:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

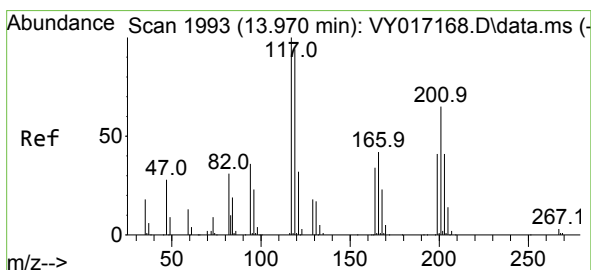
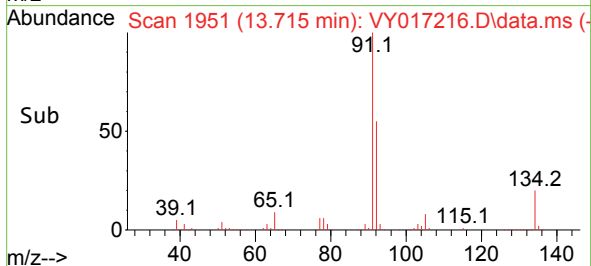
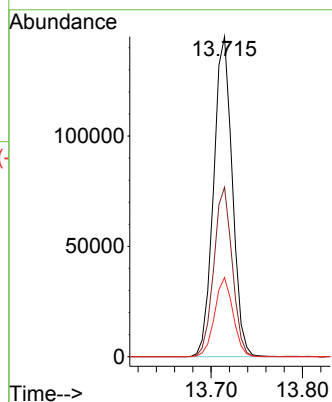
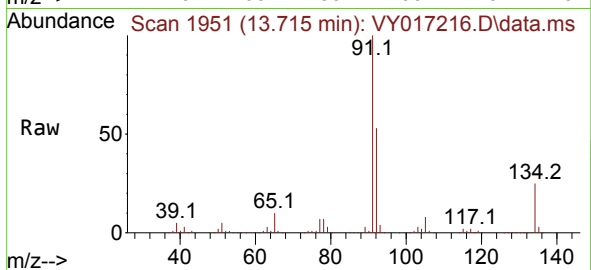
Tgt Ion: 91 Resp: 205727

Ion Ratio Lower Upper

91 100

92 52.3 26.4 79.2

134 24.4 12.3 36.8



#90

Hexachloroethane

Concen: 44.702 ug/l

RT: 13.977 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY017216.D

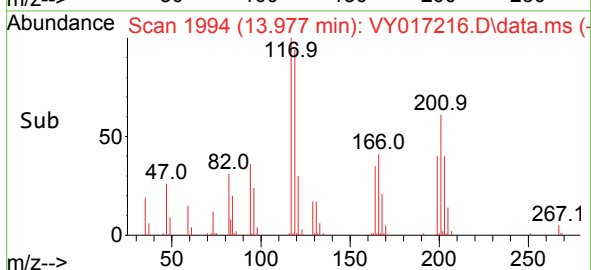
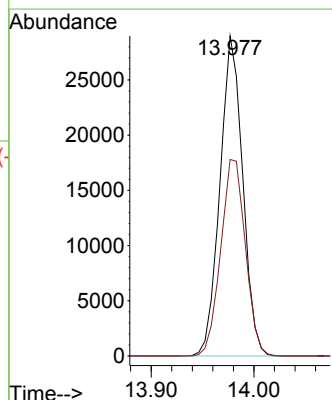
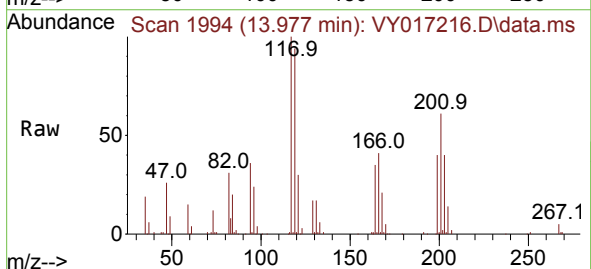
Acq: 03 Feb 2024 05:15

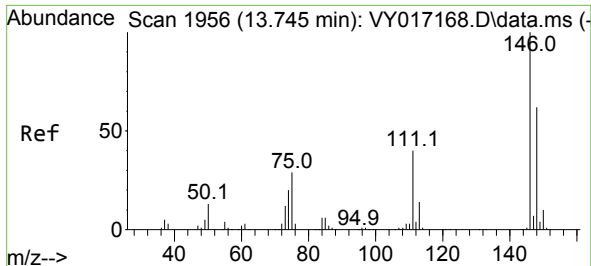
Tgt Ion: 117 Resp: 44500

Ion Ratio Lower Upper

117 100

201 66.7 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 45.426 ug/l

RT: 13.757 min Scan# 1958

Delta R.T. 0.012 min

Lab File: VY017216.D

Acq: 03 Feb 2024 05:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

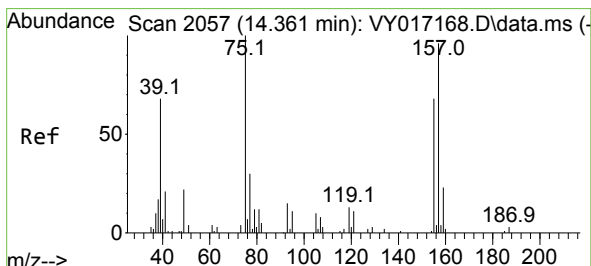
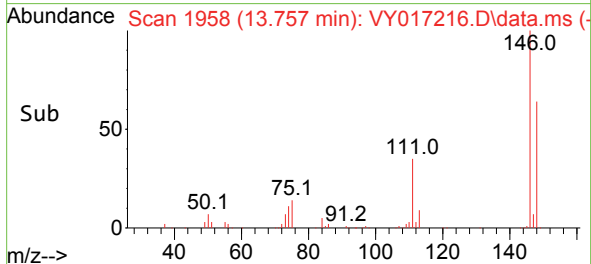
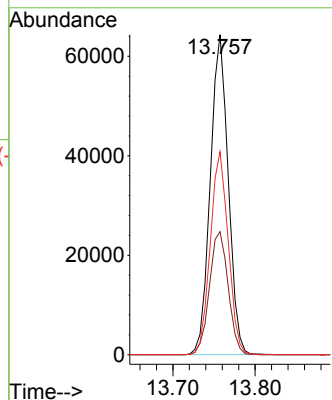
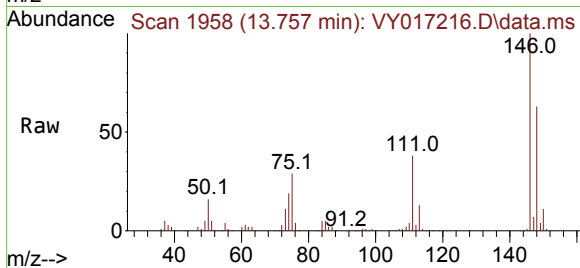
Tgt Ion:146 Resp: 97454

Ion Ratio Lower Upper

146 100

111 40.2 20.5 61.6

148 63.5 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 41.226 ug/l

RT: 14.373 min Scan# 2059

Delta R.T. 0.012 min

Lab File: VY017216.D

Acq: 03 Feb 2024 05:15

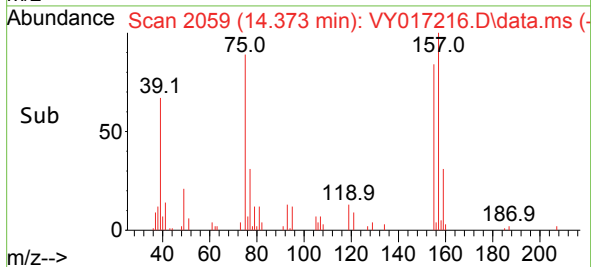
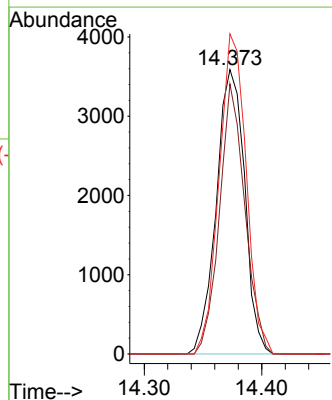
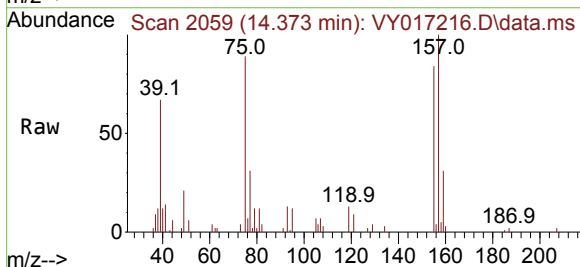
Tgt Ion: 75 Resp: 6015

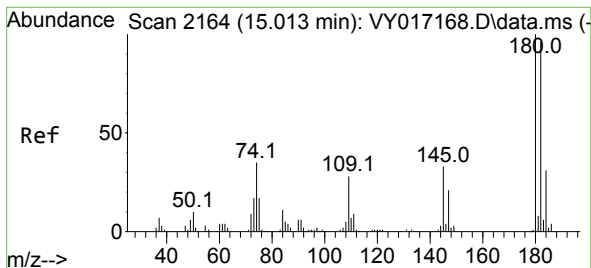
Ion Ratio Lower Upper

75 100

155 85.1 42.1 126.3

157 107.8 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 44.034 ug/l

RT: 15.025 min Scan# 2166

Delta R.T. 0.012 min

Lab File: VY017216.D

Acq: 03 Feb 2024 05:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

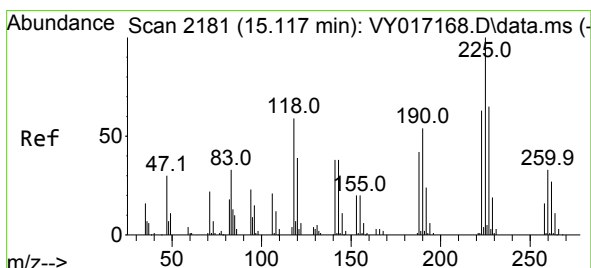
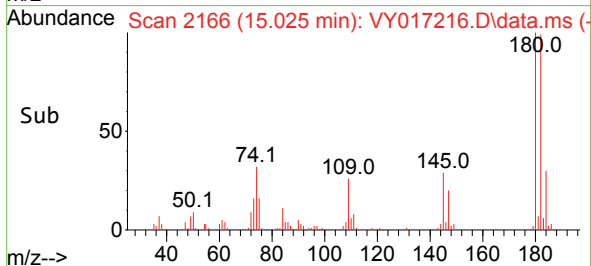
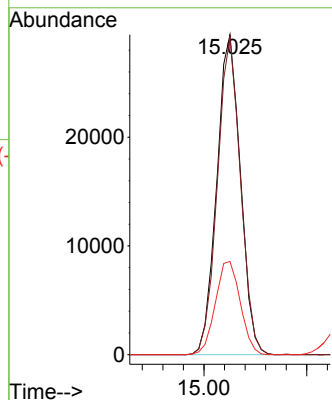
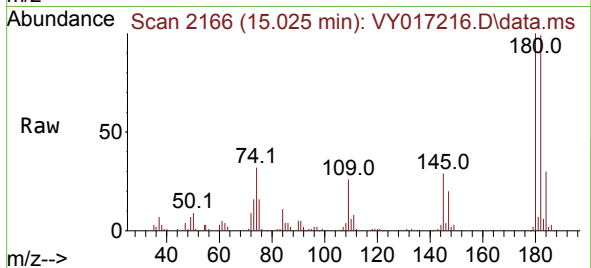
Tgt Ion:180 Resp: 46924

Ion Ratio Lower Upper

180 100

182 96.9 47.9 143.7

145 30.7 15.9 47.7



#94

Hexachlorobutadiene

Concen: 42.850 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. 0.012 min

Lab File: VY017216.D

Acq: 03 Feb 2024 05:15

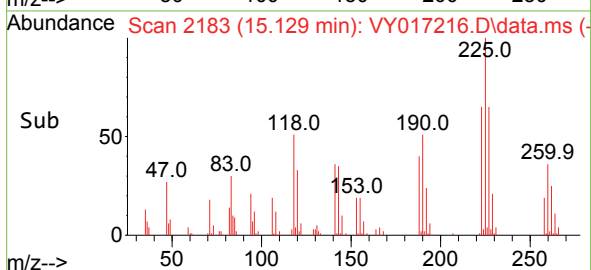
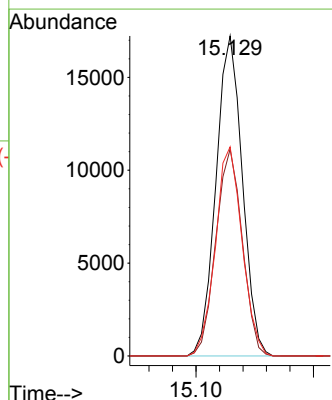
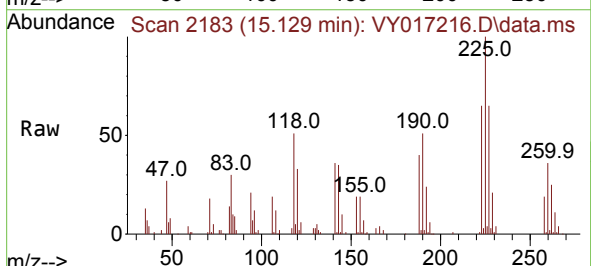
Tgt Ion:225 Resp: 26893

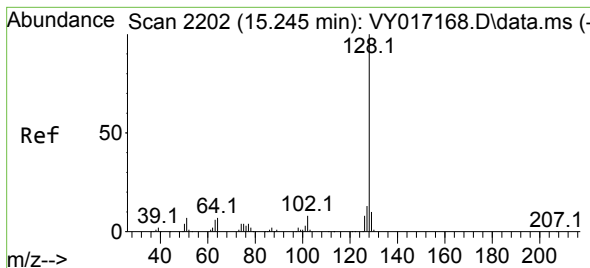
Ion Ratio Lower Upper

225 100

223 64.6 31.4 94.3

227 66.1 32.3 96.8





#95

Naphthalene

Concen: 41.447 ug/l

RT: 15.257 min Scan# 2204

Delta R.T. 0.012 min

Lab File: VY017216.D

Acq: 03 Feb 2024 05:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

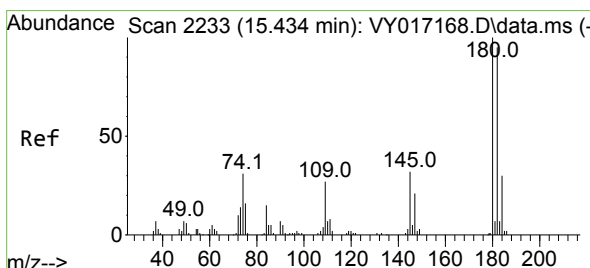
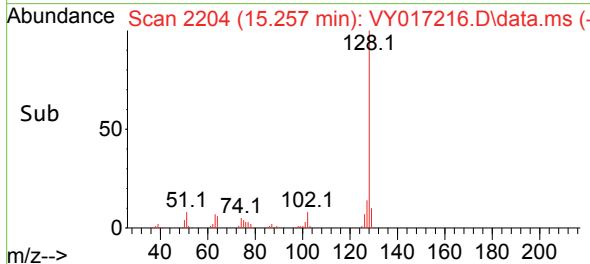
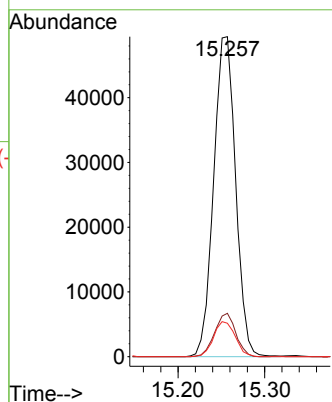
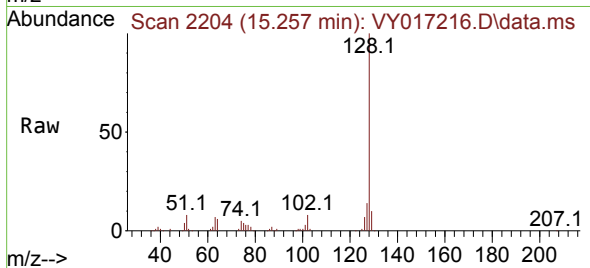
Tgt Ion:128 Resp: 87016

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 44.701 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY017216.D

Acq: 03 Feb 2024 05:15

Tgt Ion:180 Resp: 40513

Ion Ratio Lower Upper

180 100

182 95.2 46.3 138.8

145 32.0 16.1 48.2

