

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041124\
 Data File : VY017900.D
 Acq On : 11 Apr 2024 10:18
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 12 04:55:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	135223	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	214041	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	187280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	87784	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	64925	55.485	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.980%
35) Dibromofluoromethane	7.722	113	68164	55.112	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.220%
50) Toluene-d8	10.185	98	247470	53.564	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.120%
62) 4-Bromofluorobenzene	12.483	95	75864	53.971	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.940%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	44048	48.708	ug/l	99
3) Chloromethane	2.119	50	94407	53.488	ug/l	99
4) Vinyl Chloride	2.253	62	147589	63.984	ug/l	100
5) Bromomethane	2.656	94	131973	70.761	ug/l	99
6) Chloroethane	2.796	64	109832	72.979	ug/l	99
7) Trichlorofluoromethane	3.131	101	116207	51.660	ug/l	94
8) Diethyl Ether	3.528	74	33903	51.309	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.906	101	65275	48.387	ug/l	99
10) Methyl Iodide	4.095	142	77164	52.599	ug/l	99
11) Tert butyl alcohol	4.954	59	21587	250.502	ug/l #	81
12) 1,1-Dichloroethene	3.875	96	60338	47.798	ug/l	93
13) Acrolein	3.729	56	16604	202.538	ug/l	98
14) Allyl chloride	4.485	41	68118	43.984	ug/l	86
15) Acrylonitrile	5.168	53	68639	246.090	ug/l	99
16) Acetone	3.948	43	61830	255.627	ug/l	92
17) Carbon Disulfide	4.198	76	155385	43.496	ug/l	98
18) Methyl Acetate	4.479	43	26133	48.779	ug/l	95
19) Methyl tert-butyl Ether	5.229	73	157955	54.649	ug/l	98
20) Methylene Chloride	4.723	84	70909	47.720	ug/l	99
21) trans-1,2-Dichloroethene	5.222	96	68533	50.734	ug/l	98
22) Diisopropyl ether	6.119	45	175982	49.164	ug/l #	89
23) Vinyl Acetate	6.064	43	557844	255.249	ug/l	98
24) 1,1-Dichloroethane	6.021	63	121035	50.945	ug/l	100
25) 2-Butanone	6.990	43	88047	255.528	ug/l	97
26) 2,2-Dichloropropane	6.984	77	105552	51.438	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	84162	52.718	ug/l	98
28) Bromochloromethane	7.338	49	52507	54.347	ug/l	96
29) Tetrahydrofuran	7.350	42	52060	251.799	ug/l	97
30) Chloroform	7.509	83	135507	54.972	ug/l	97
31) Cyclohexane	7.789	56	87239	42.321	ug/l	95
32) 1,1,1-Trichloroethane	7.704	97	113585	54.139	ug/l	97
36) 1,1-Dichloropropene	7.917	75	89829	49.777	ug/l	98
37) Ethyl Acetate	7.076	43	37645	48.339	ug/l	97
38) Carbon Tetrachloride	7.905	117	99833	53.289	ug/l	99
39) Methylcyclohexane	9.185	83	105200	46.669	ug/l	98
40) Benzene	8.161	78	282472	50.791	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	19688	45.060	ug/l	97
42) 1,2-Dichloroethane	8.240	62	74967	54.766	ug/l	97
43) Isopropyl Acetate	8.277	43	72105	51.019	ug/l	99
44) Trichloroethene	8.941	130	73682	50.923	ug/l	97
45) 1,2-Dichloropropane	9.216	63	65778	50.899	ug/l	98
46) Dibromomethane	9.307	93	39679	54.043	ug/l	97
47) Bromodichloromethane	9.502	83	102373	55.182	ug/l	97
48) Methyl methacrylate	9.295	41	31735	52.494	ug/l #	89
49) 1,4-Dioxane	9.301	88	8825	1070.699	ug/l #	94
51) 4-Methyl-2-Pentanone	10.075	43	200266	280.653	ug/l	100
52) Toluene	10.246	92	181074	53.677	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	89008	54.035	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	104415	51.938	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	53182	54.361	ug/l	93
56) Ethyl methacrylate	10.514	69	68492	55.887	ug/l #	95
57) 1,3-Dichloropropane	10.795	76	89061	53.825	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	168658	273.032	ug/l	99
59) 2-Hexanone	10.837	43	140210	276.596	ug/l	99
60) Dibromochloromethane	10.990	129	67922	55.047	ug/l	100
61) 1,2-Dibromoethane	11.093	107	48292	54.134	ug/l	98
64) Tetrachloroethene	10.721	164	83140	50.898	ug/l	97
65) Chlorobenzene	11.520	112	197718	51.466	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	70367	53.944	ug/l	99
67) Ethyl Benzene	11.593	91	346112	52.408	ug/l	97
68) m/p-Xylenes	11.703	106	266094	106.242	ug/l	98
69) o-Xylene	12.032	106	122872	57.639	ug/l	98
70) Styrene	12.044	104	216780	58.749	ug/l	99
71) Bromoform	12.209	173	38105	52.699	ug/l #	99
73) Isopropylbenzene	12.331	105	328084	53.331	ug/l	99
74) N-amyl acetate	12.148	43	62857	53.465	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	55549	52.199	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	74066	92.590	ug/l #	100
77) Bromobenzene	12.611	156	76222	52.023	ug/l	98
78) n-propylbenzene	12.672	91	395700	52.714	ug/l	100
79) 2-Chlorotoluene	12.758	91	212465	51.673	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	255729	53.265	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	18625	53.632	ug/l	97
82) 4-Chlorotoluene	12.855	91	217326	51.045	ug/l	98
83) tert-Butylbenzene	13.075	119	233052	53.391	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	251413	52.579	ug/l	100
85) sec-Butylbenzene	13.258	105	351854	53.706	ug/l	100
86) p-Isopropyltoluene	13.373	119	289613	52.886	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	152028	52.292	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	145673	52.349	ug/l	98
89) n-Butylbenzene	13.697	91	265654	52.727	ug/l	99
90) Hexachloroethane	13.965	117	57442	52.751	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	128377	53.271	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7275	50.590	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	67454	51.103	ug/l	99
94) Hexachlorobutadiene	15.117	225	40023	50.018	ug/l	99
95) Naphthalene	15.239	128	116468	53.372	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	57095	51.207	ug/l	98

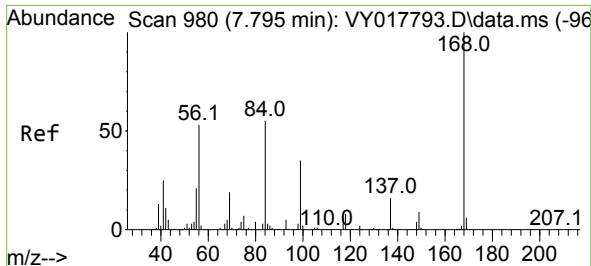
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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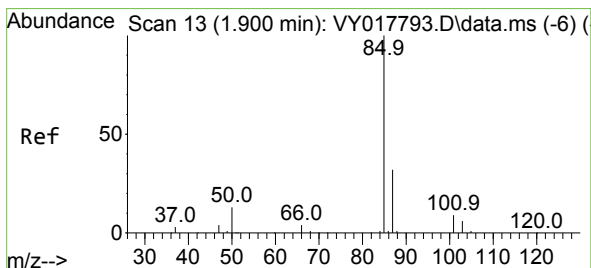
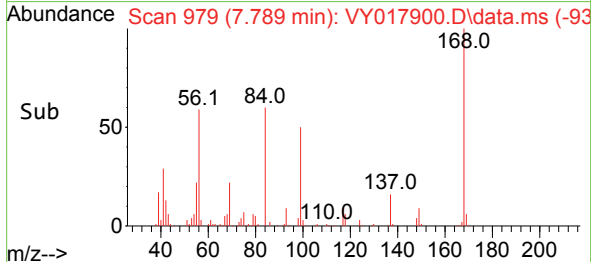
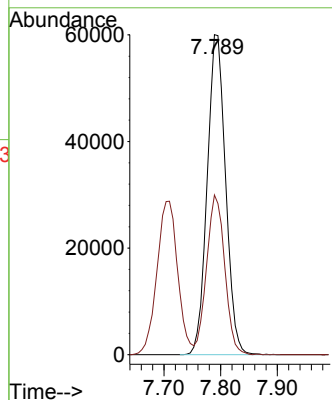
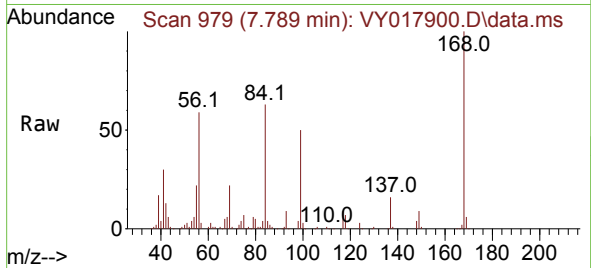
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017900.D
Acq: 11 Apr 2024 10:18

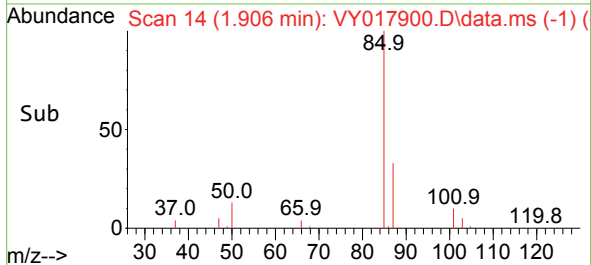
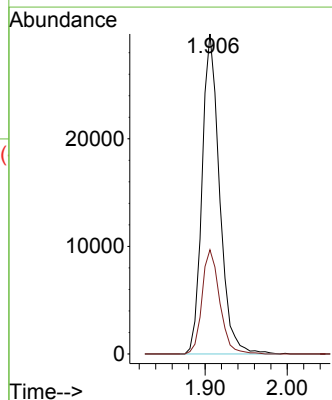
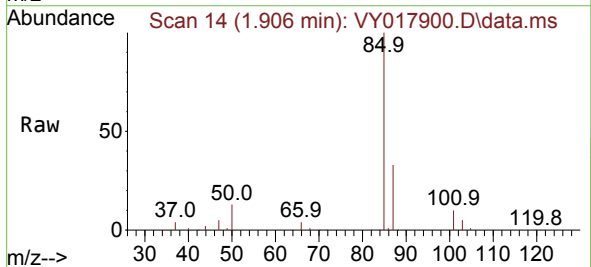
Instrument :
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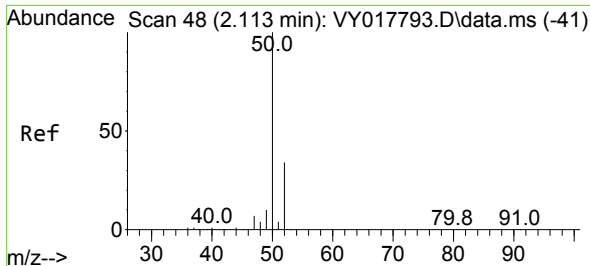
Tgt Ion:168 Resp: 135223
Ion Ratio Lower Upper
168 100
99 49.9 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 48.708 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY017900.D
Acq: 11 Apr 2024 10:18

Tgt Ion: 85 Resp: 44048
Ion Ratio Lower Upper
85 100
87 32.6 16.0 48.0

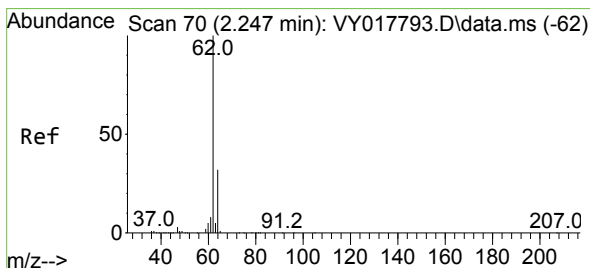
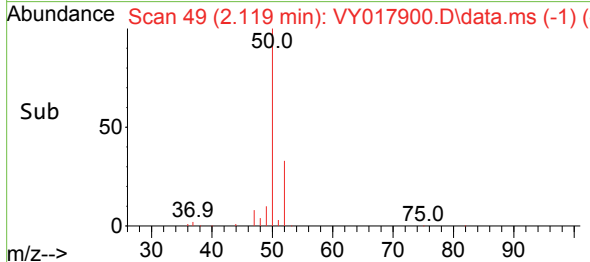
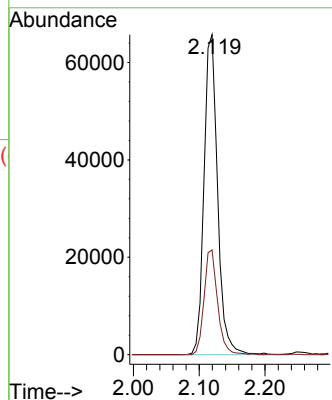
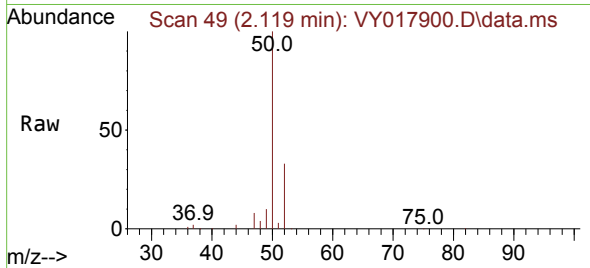




#3
Chloromethane
Concen: 53.488 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY017900.D
Acq: 11 Apr 2024 10:18

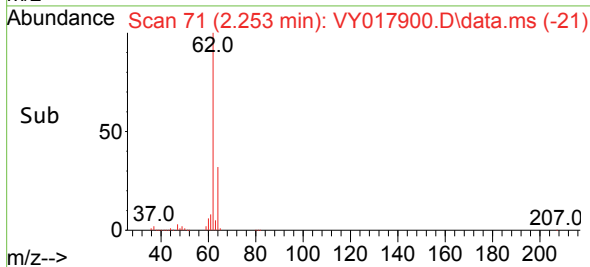
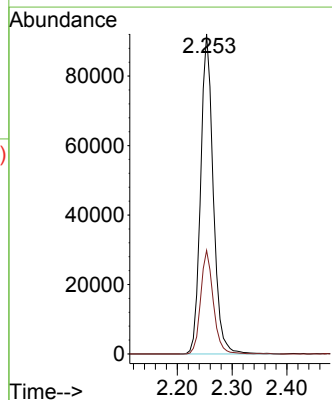
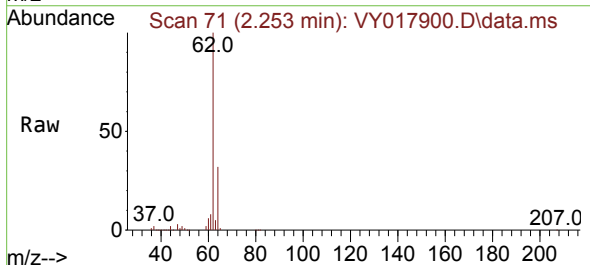
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ClientSampleId :
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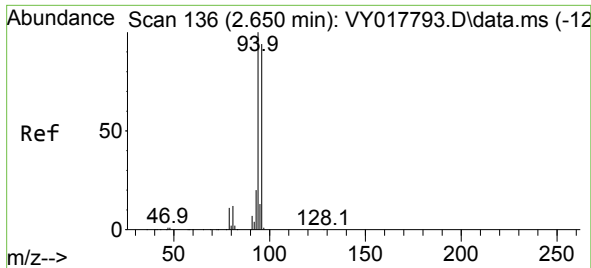
Tgt Ion: 50 Resp: 94407
Ion Ratio Lower Upper
50 100
52 32.8 25.6 38.4



#4
Vinyl Chloride
Concen: 63.984 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY017900.D
Acq: 11 Apr 2024 10:18

Tgt Ion: 62 Resp: 147589
Ion Ratio Lower Upper
62 100
64 32.3 26.1 39.1

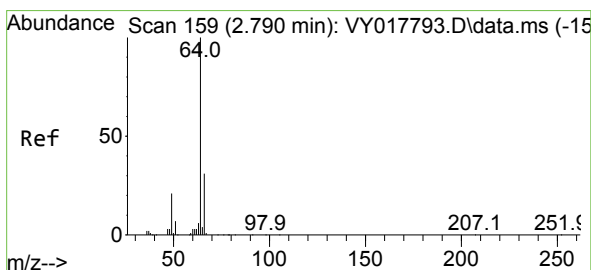
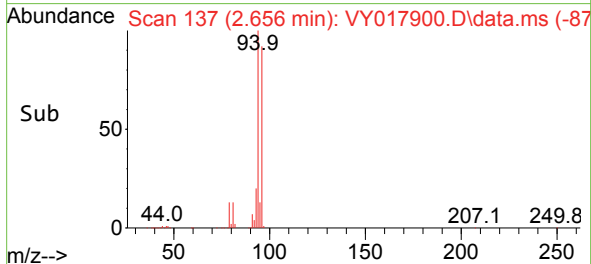
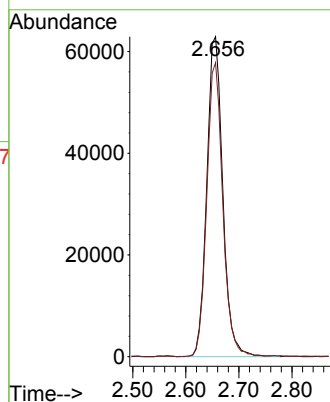
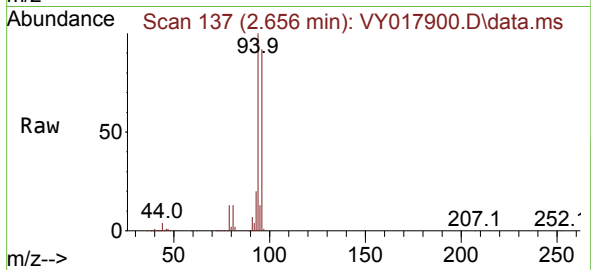




#5
Bromomethane
Concen: 70.761 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017900.D
Acq: 11 Apr 2024 10:18

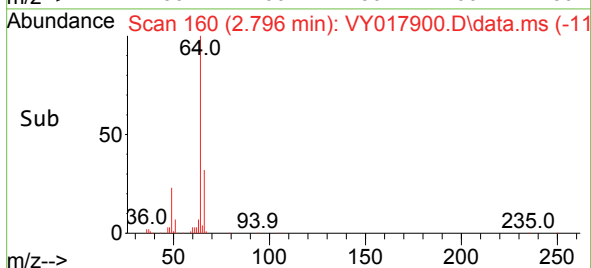
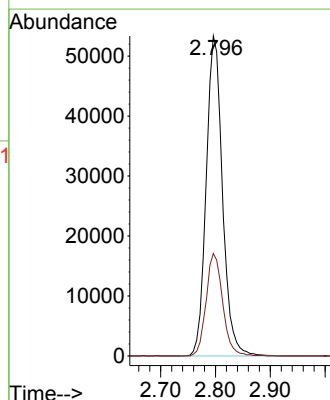
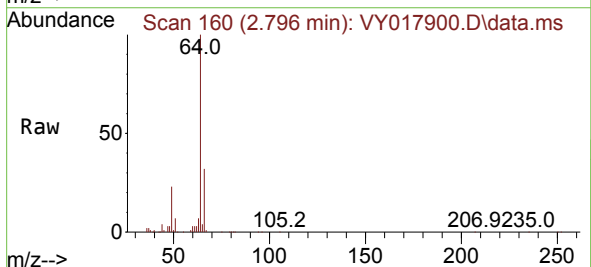
Instrument :
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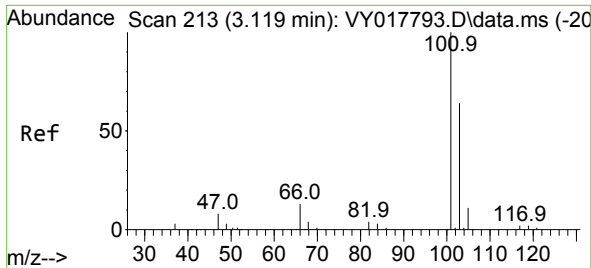
Tgt Ion: 94 Resp: 131973
Ion Ratio Lower Upper
94 100
96 91.7 74.1 111.1



#6
Chloroethane
Concen: 72.979 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY017900.D
Acq: 11 Apr 2024 10:18

Tgt Ion: 64 Resp: 109832
Ion Ratio Lower Upper
64 100
66 32.0 26.1 39.1

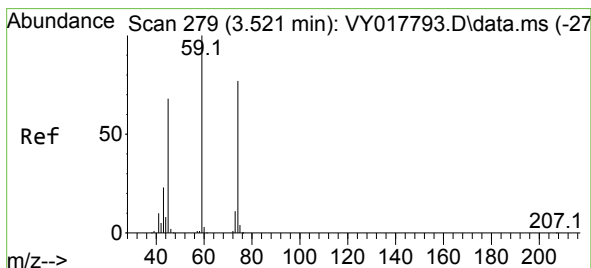
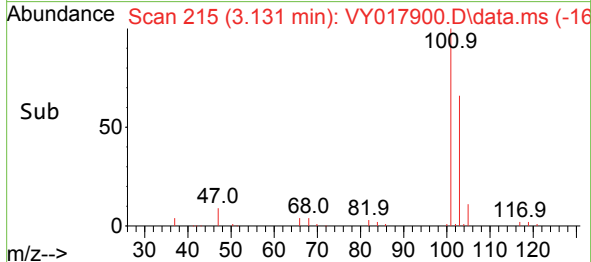
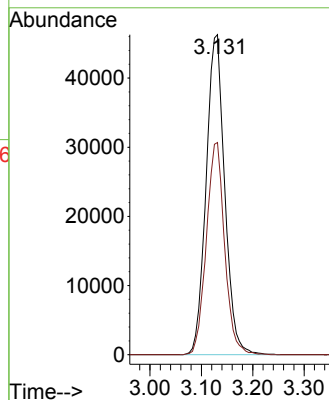
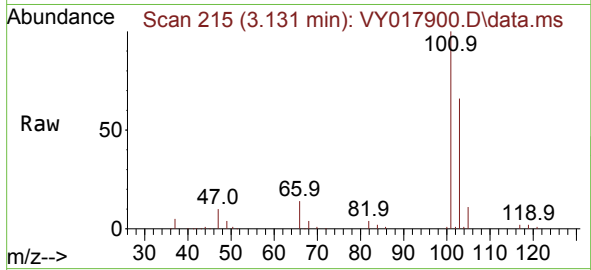




#7
Trichlorofluoromethane
Concen: 51.660 ug/l
RT: 3.131 min Scan# 21
Delta R.T. 0.012 min
Lab File: VY017900.D
Acq: 11 Apr 2024 10:18

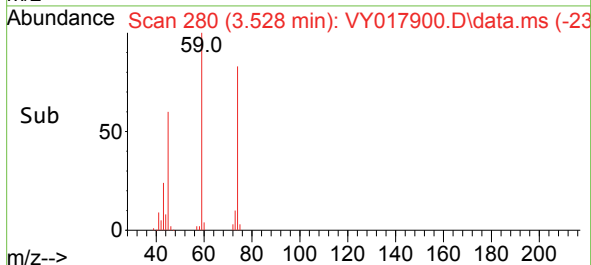
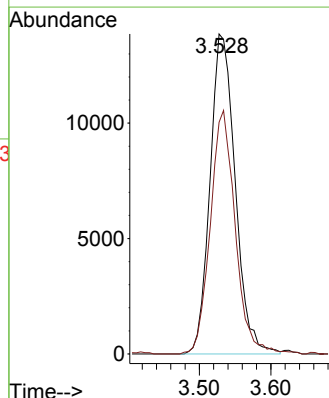
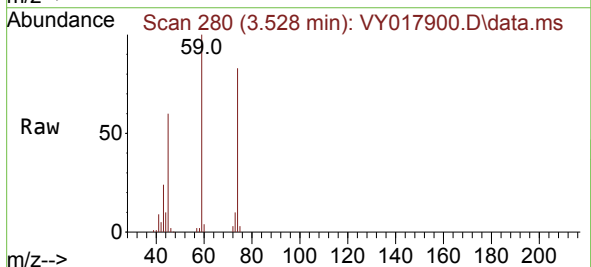
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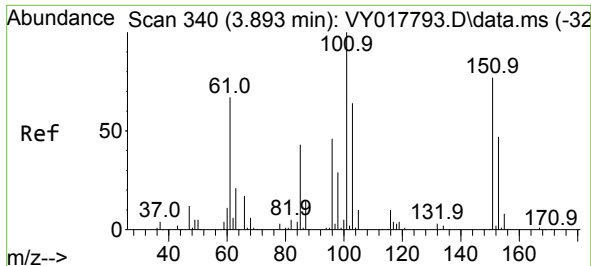
Tgt Ion:101 Resp: 116207
Ion Ratio Lower Upper
101 100
103 66.3 49.3 73.9



#8
Diethyl Ether
Concen: 51.309 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.006 min
Lab File: VY017900.D
Acq: 11 Apr 2024 10:18

Tgt Ion: 74 Resp: 33903
Ion Ratio Lower Upper
74 100
45 75.5 41.3 124.1

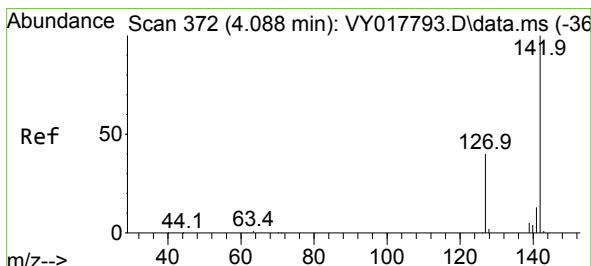
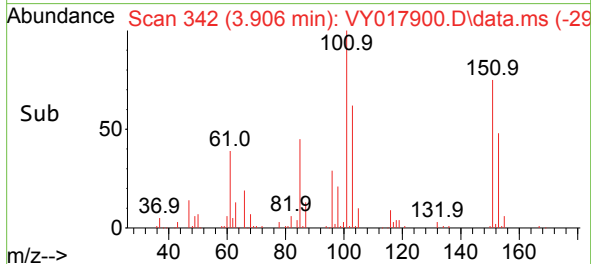
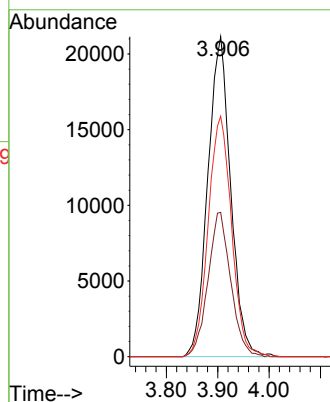
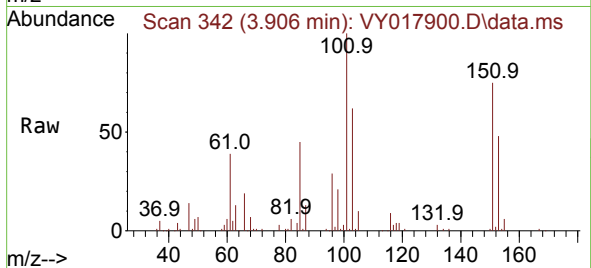




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.387 ug/l
RT: 3.906 min Scan# 341
Delta R.T. 0.012 min
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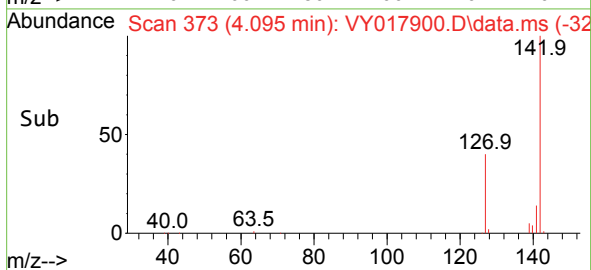
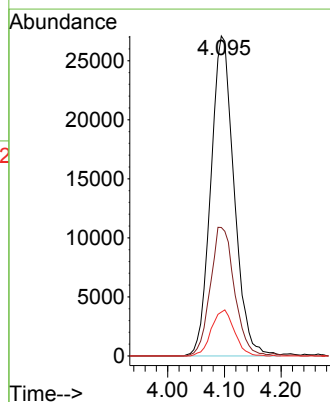
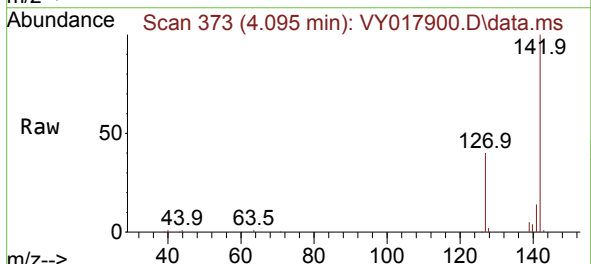
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ClientSampleId :
VSTDCCC050

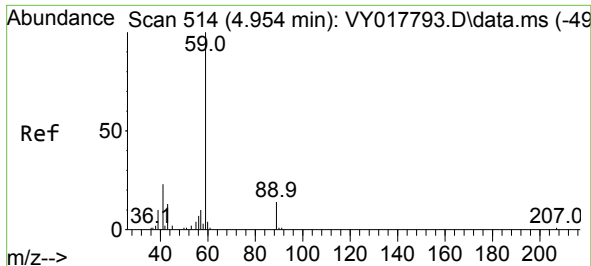
Tgt Ion:101 Resp: 65275
Ion Ratio Lower Upper
101 100
85 44.9 34.5 51.7
151 76.8 61.7 92.5



#10
Methyl Iodide
Concen: 52.599 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.007 min
Lab File: VY017900.D
Acq: 11 Apr 2024 10:18

Tgt Ion:142 Resp: 77164
Ion Ratio Lower Upper
142 100
127 41.7 32.8 49.2
141 14.2 11.4 17.2

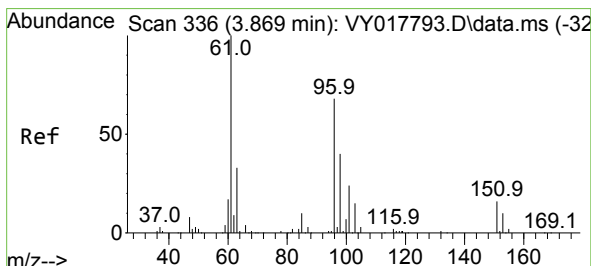
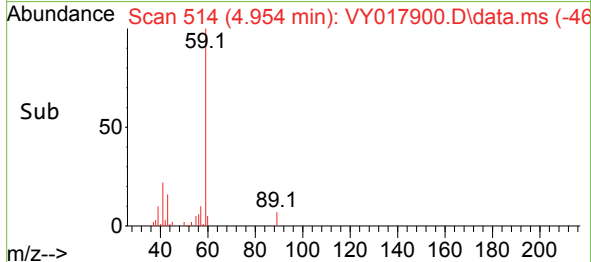
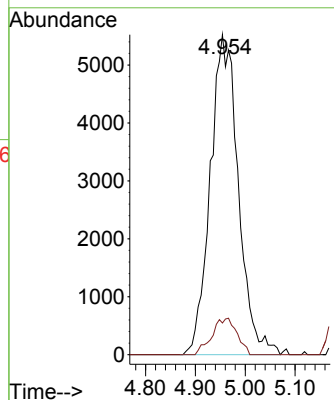
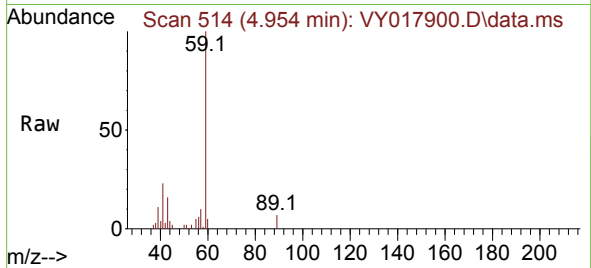




#11
Tert butyl alcohol
Concen: 250.502 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY017900.D
Acq: 11 Apr 2024 10:18

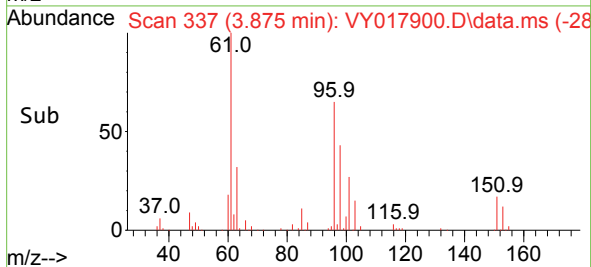
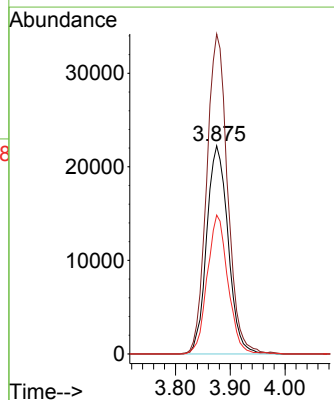
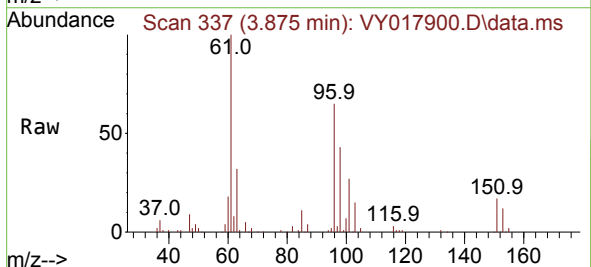
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

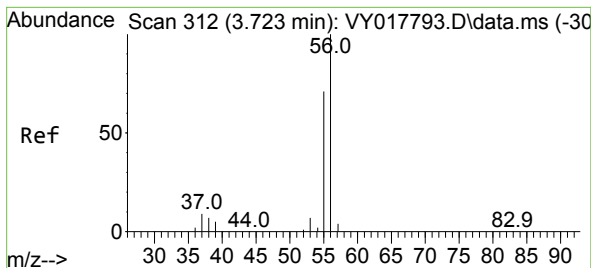
Tgt Ion: 59 Resp: 21587
Ion Ratio Lower Upper
59 100
57 10.1 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 47.798 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY017900.D
Acq: 11 Apr 2024 10:18

Tgt Ion: 96 Resp: 60338
Ion Ratio Lower Upper
96 100
61 153.7 114.6 171.8
98 66.7 50.8 76.2





#13

Acrolein

Concen: 202.538 ug/l

RT: 3.729 min Scan# 312

Delta R.T. 0.006 min

Lab File: VY017900.D

Acq: 11 Apr 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :

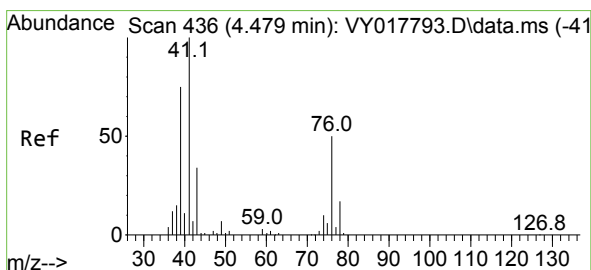
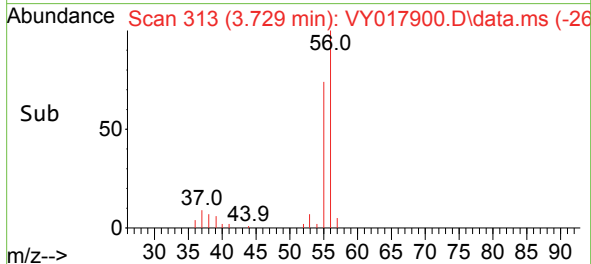
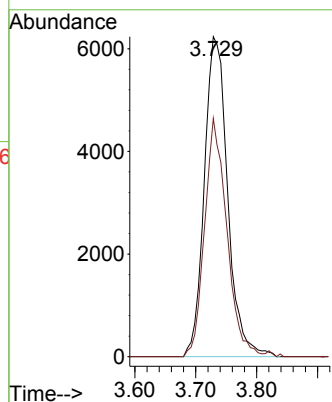
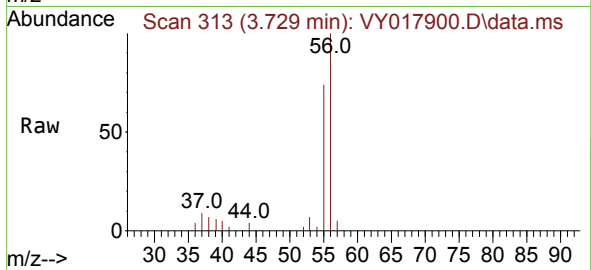
VSTDCCC050

Tgt Ion: 56 Resp: 16604

Ion Ratio Lower Upper

56 100

55 71.0 55.7 83.5



#14

Allyl chloride

Concen: 43.984 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY017900.D

Acq: 11 Apr 2024 10:18

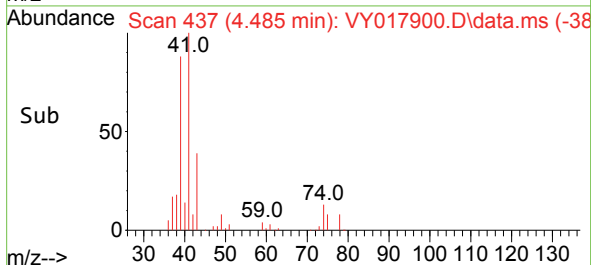
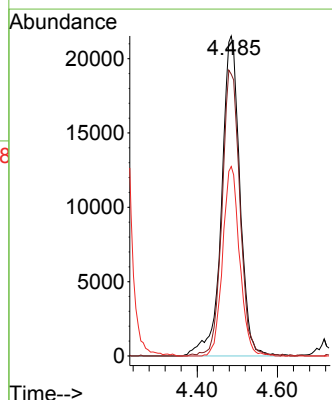
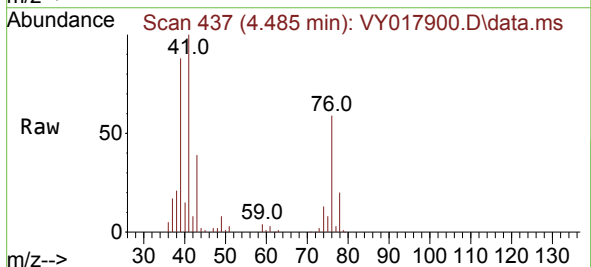
Tgt Ion: 41 Resp: 68118

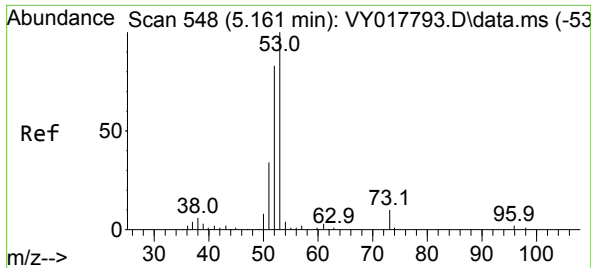
Ion Ratio Lower Upper

41 100

39 87.3 58.3 87.5

76 54.9 39.0 58.6

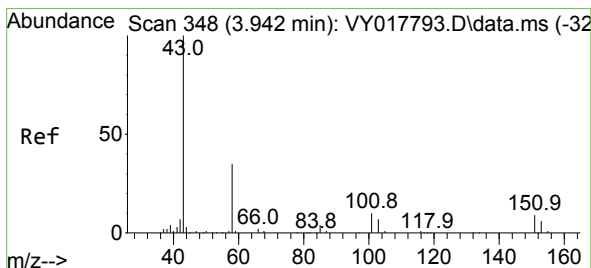
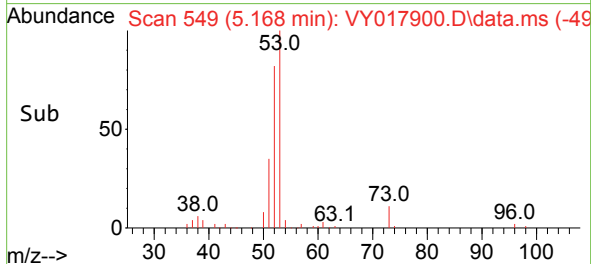
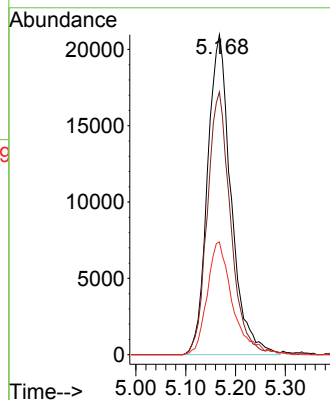
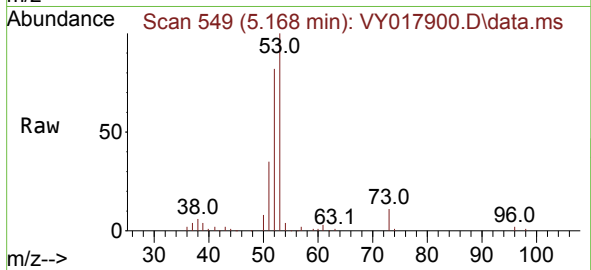




#15
Acrylonitrile
Concen: 246.090 ug/l
RT: 5.168 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY017900.D
Acq: 11 Apr 2024 10:18

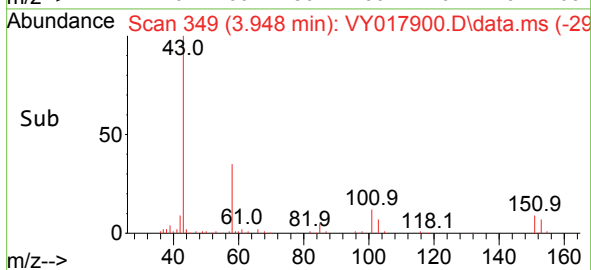
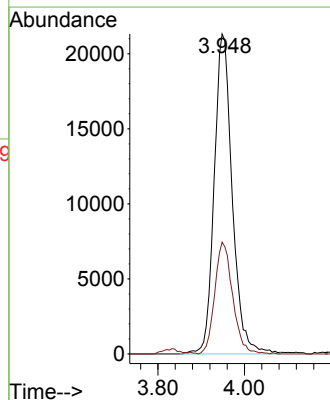
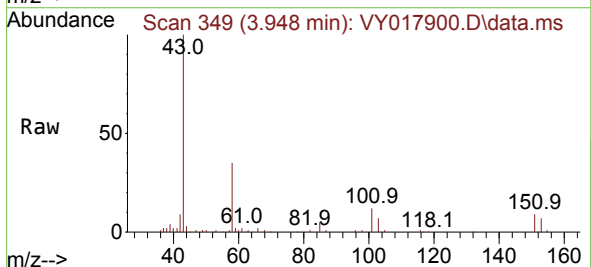
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

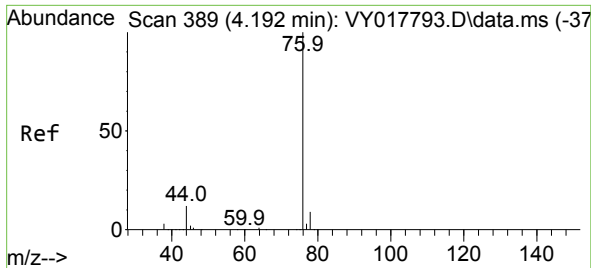
Tgt Ion: 53 Resp: 68639
Ion Ratio Lower Upper
53 100
52 80.8 64.7 97.1
51 38.3 28.4 42.6



#16
Acetone
Concen: 255.627 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY017900.D
Acq: 11 Apr 2024 10:18

Tgt Ion: 43 Resp: 61830
Ion Ratio Lower Upper
43 100
58 35.0 31.7 47.5

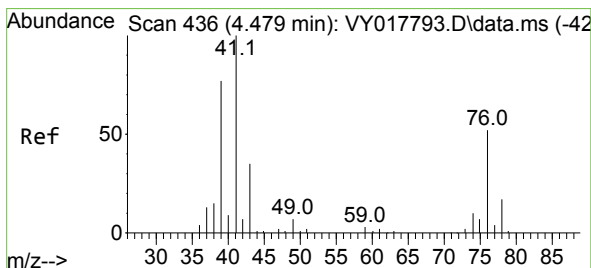
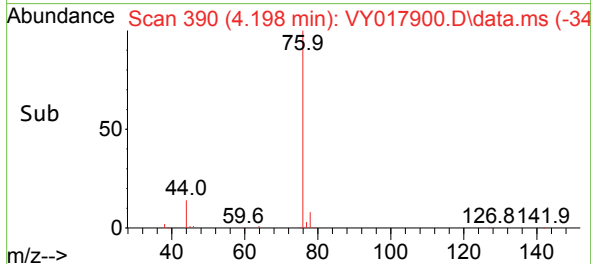
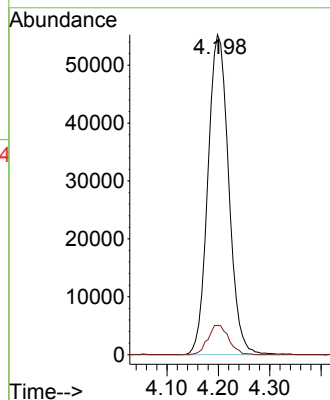
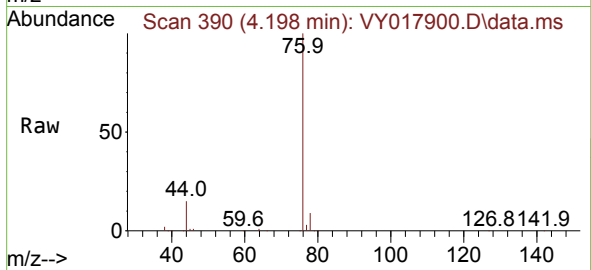




#17
Carbon Disulfide
Concen: 43.496 ug/l
RT: 4.198 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY017900.D
Acq: 11 Apr 2024 10:18

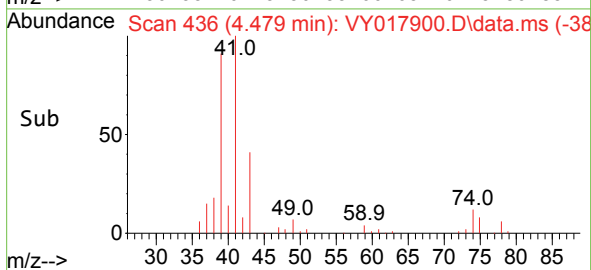
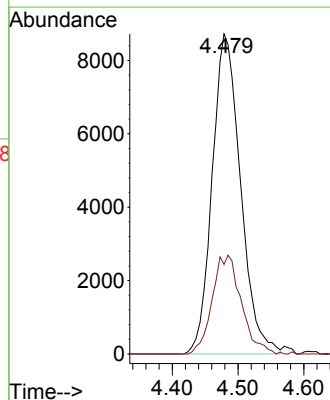
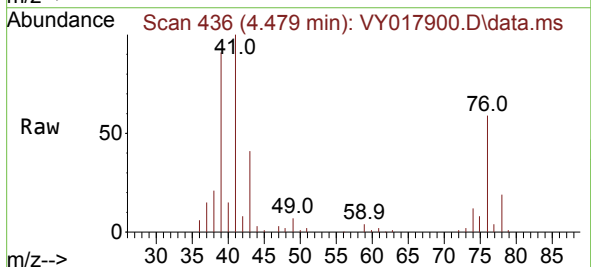
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

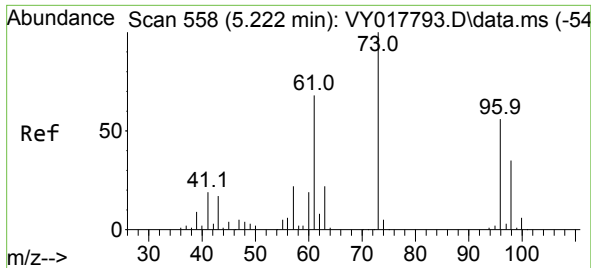
Tgt Ion: 76 Resp: 155385
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2



#18
Methyl Acetate
Concen: 48.779 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY017900.D
Acq: 11 Apr 2024 10:18

Tgt Ion: 43 Resp: 26133
Ion Ratio Lower Upper
43 100
74 31.7 23.3 34.9

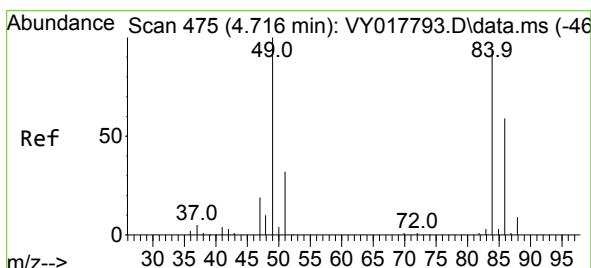
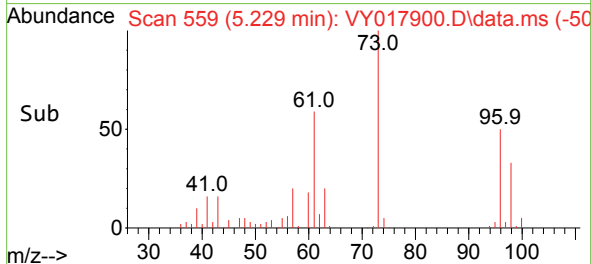
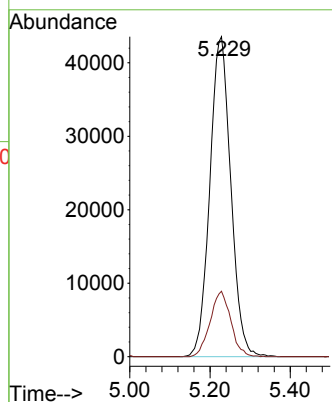
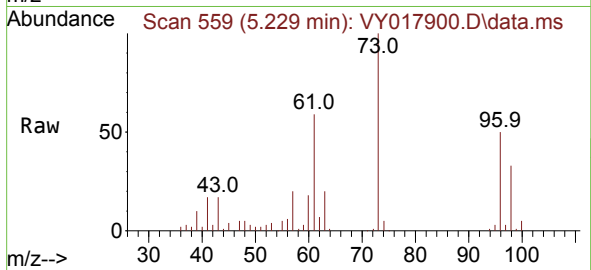




#19
Methyl tert-butyl Ether
Concen: 54.649 ug/l
RT: 5.229 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY017900.D
Acq: 11 Apr 2024 10:18

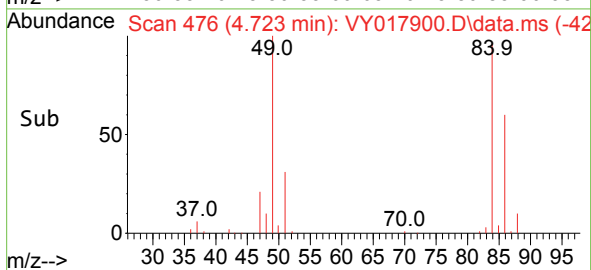
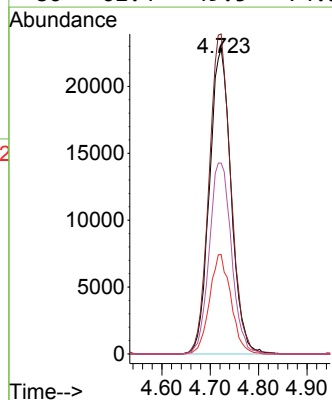
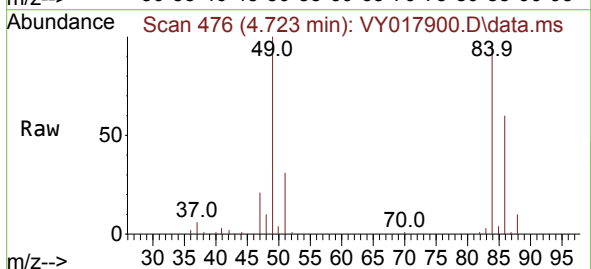
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

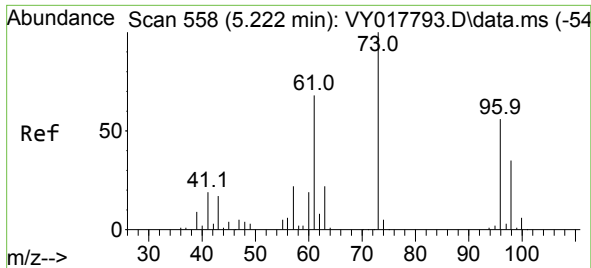
Tgt Ion: 73 Resp: 157955
Ion Ratio Lower Upper
73 100
57 20.5 17.3 25.9



#20
Methylene Chloride
Concen: 47.720 ug/l
RT: 4.723 min Scan# 476
Delta R.T. 0.007 min
Lab File: VY017900.D
Acq: 11 Apr 2024 10:18

Tgt Ion: 84 Resp: 70909
Ion Ratio Lower Upper
84 100
49 104.7 84.4 126.6
51 32.5 26.0 39.0
86 62.4 49.5 74.3

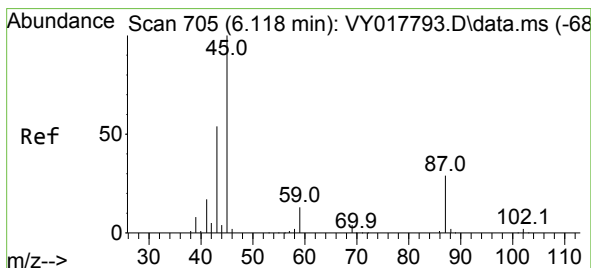
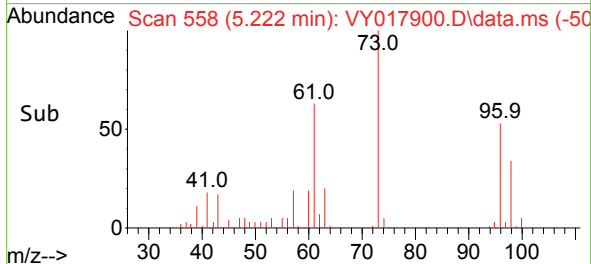
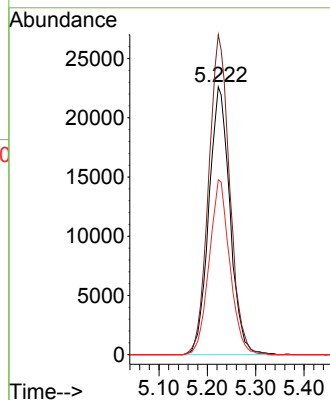
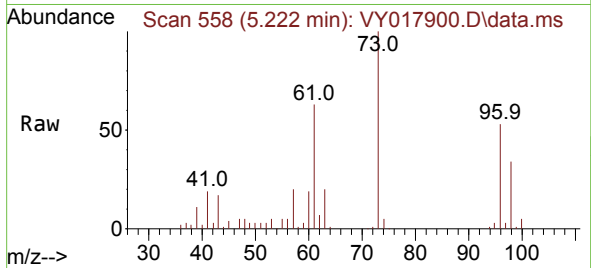




#21
trans-1,2-Dichloroethene
Concen: 50.734 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY017900.D
Acq: 11 Apr 2024 10:18

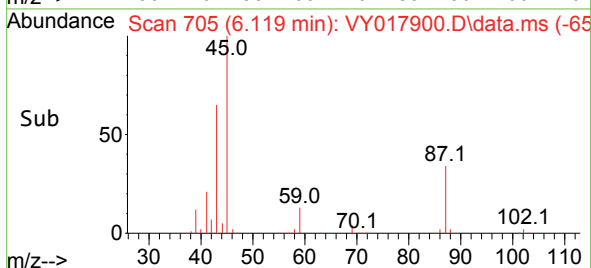
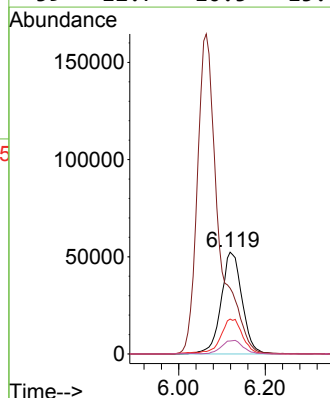
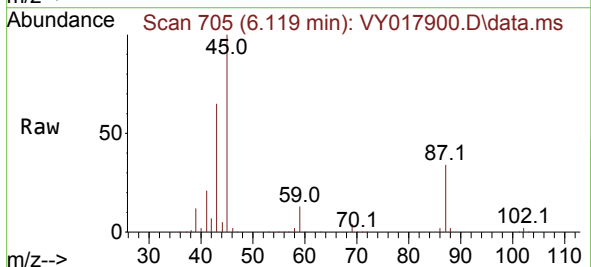
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

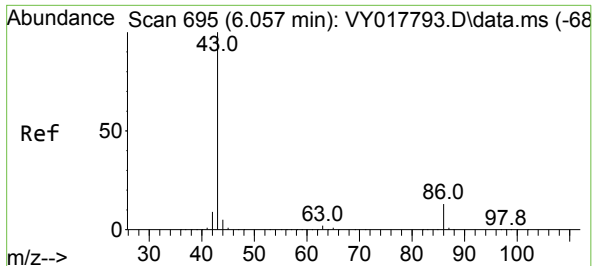
Tgt Ion: 96 Resp: 68533
Ion Ratio Lower Upper
96 100
61 119.5 97.5 146.3
98 65.3 50.5 75.7



#22
Diisopropyl ether
Concen: 49.164 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY017900.D
Acq: 11 Apr 2024 10:18

Tgt Ion: 45 Resp: 175982
Ion Ratio Lower Upper
45 100
43 64.1 42.2 63.2#
87 34.1 25.0 37.6
59 12.7 10.5 15.7

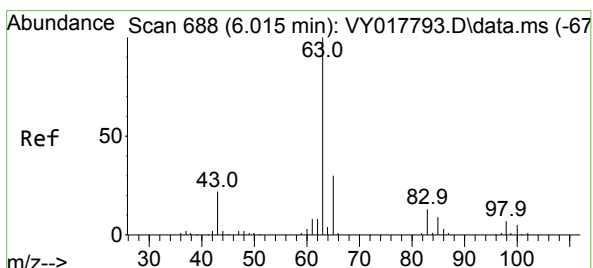
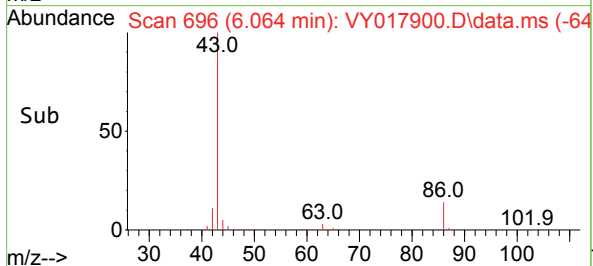
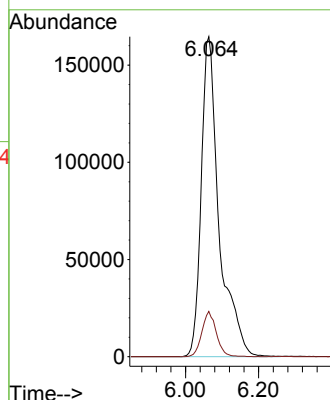
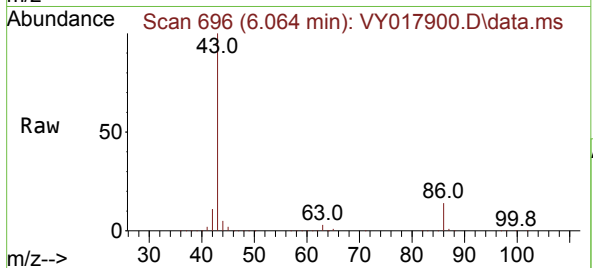




#23
 Vinyl Acetate
 Concen: 255.249 ug/l
 RT: 6.064 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY017900.D
 Acq: 11 Apr 2024 10:18

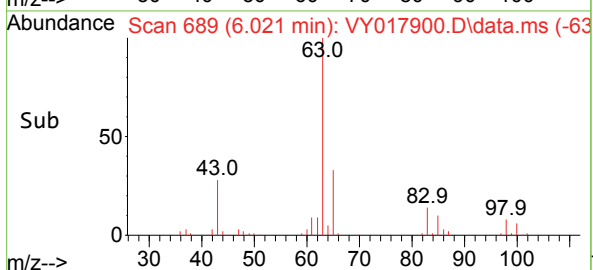
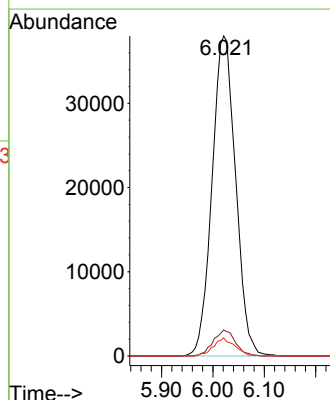
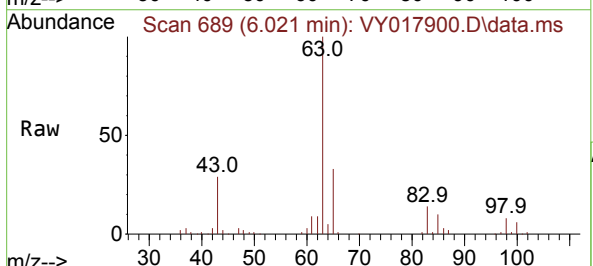
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

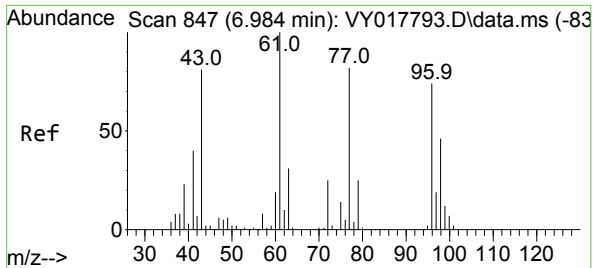
Tgt Ion: 43 Resp: 557844
 Ion Ratio Lower Upper
 43 100
 86 14.2 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 50.945 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY017900.D
 Acq: 11 Apr 2024 10:18

Tgt Ion: 63 Resp: 121035
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.0 12.2
 100 5.7 2.6 8.0

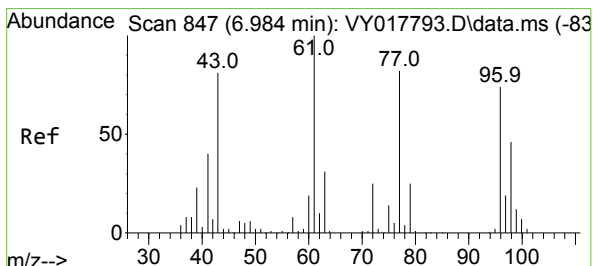
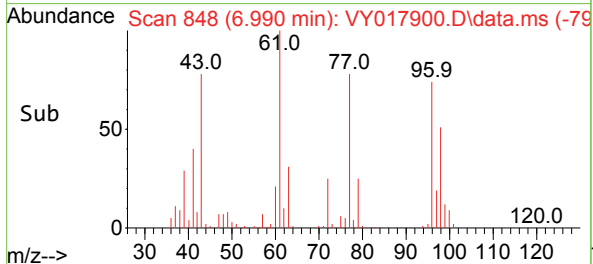
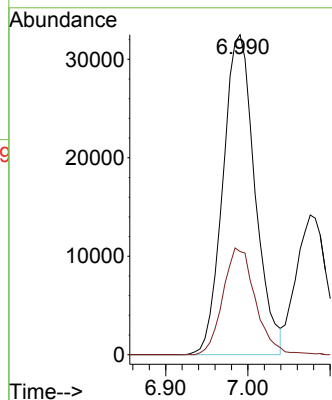
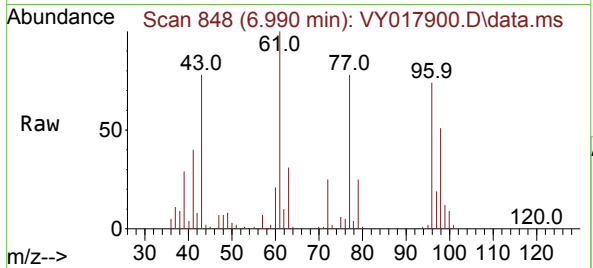




#25
2-Butanone
Concen: 255.528 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY017900.D
Acq: 11 Apr 2024 10:18

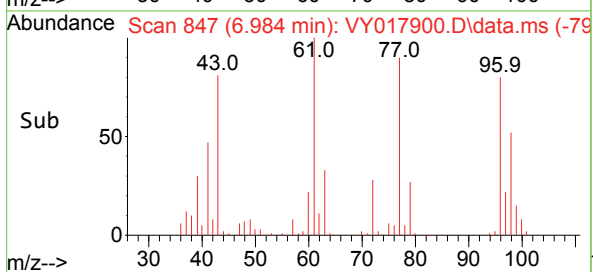
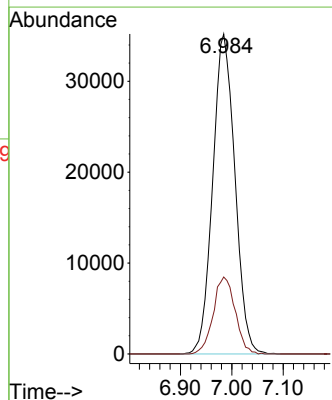
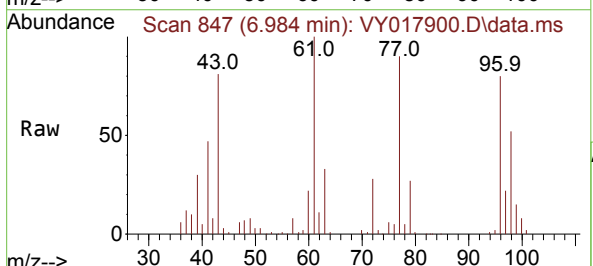
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

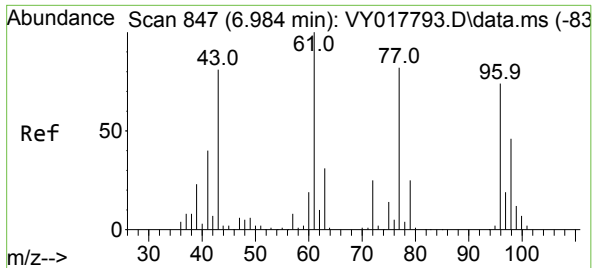
Tgt Ion: 43 Resp: 88047
Ion Ratio Lower Upper
43 100
72 32.2 27.3 40.9



#26
2,2-Dichloropropane
Concen: 51.438 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY017900.D
Acq: 11 Apr 2024 10:18

Tgt Ion: 77 Resp: 105552
Ion Ratio Lower Upper
77 100
97 23.8 12.0 36.1

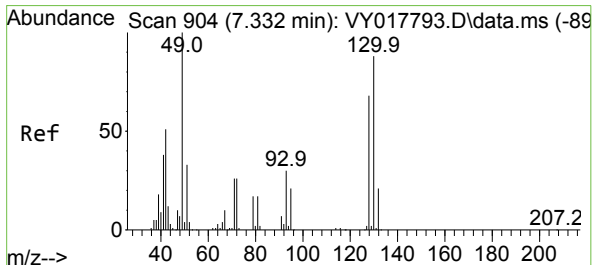
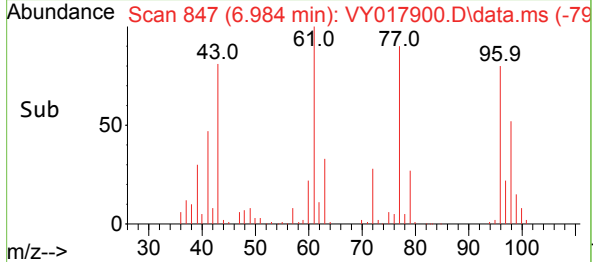
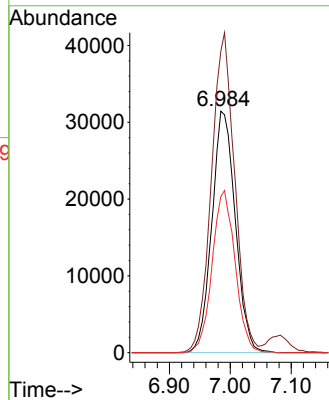
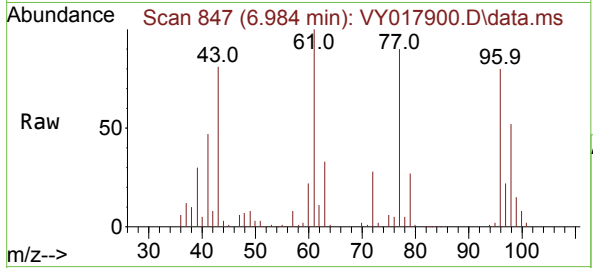




#27
 cis-1,2-Dichloroethene
 Concen: 52.718 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY017900.D
 Acq: 11 Apr 2024 10:18

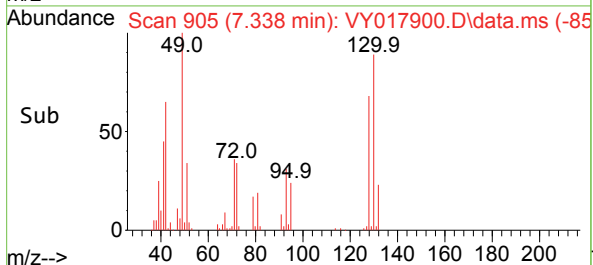
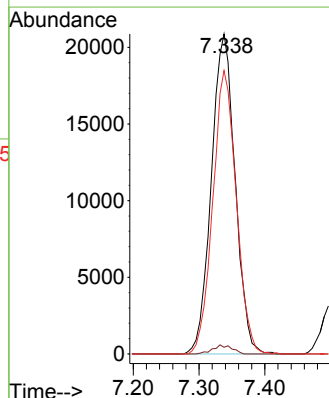
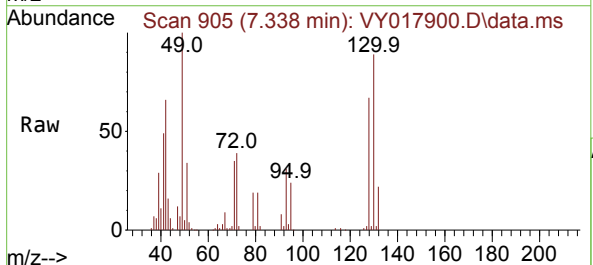
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

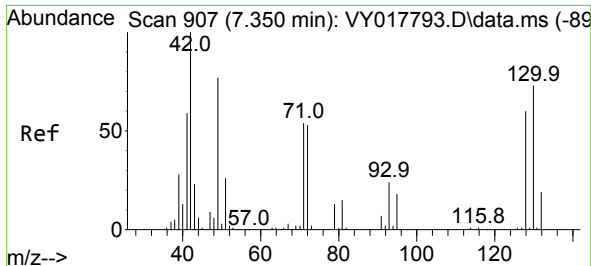
Tgt Ion:	96	Resp:	84162
Ion	Ratio	Lower	Upper
96	100		
61	131.2	0.0	256.2
98	65.9	0.0	130.0



#28
 Bromochloromethane
 Concen: 54.347 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.006 min
 Lab File: VY017900.D
 Acq: 11 Apr 2024 10:18

Tgt Ion:	49	Resp:	52507
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	87.3	72.7	109.1





#29

Tetrahydrofuran

Concen: 251.799 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY017900.D

Acq: 11 Apr 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

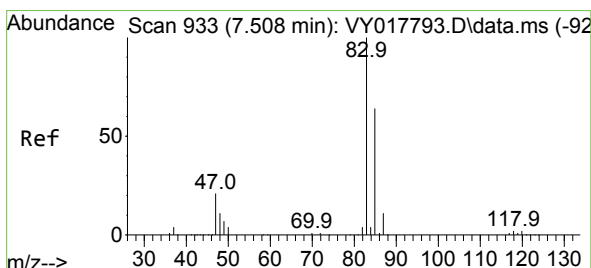
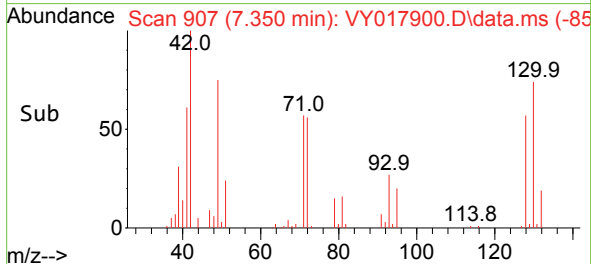
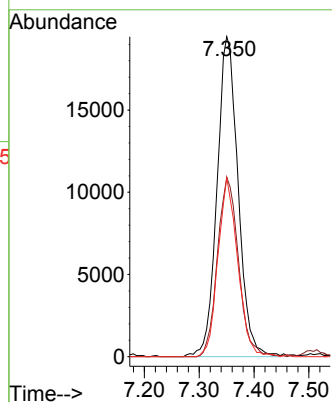
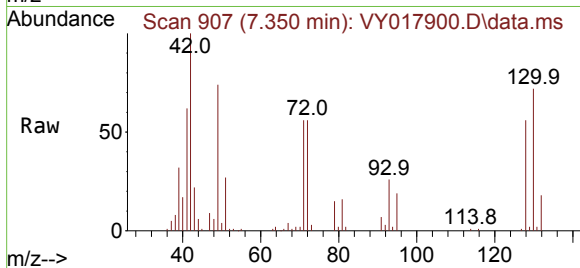
Tgt Ion: 42 Resp: 52060

Ion Ratio Lower Upper

42 100

72 56.0 43.0 64.4

71 52.4 40.8 61.2



#30

Chloroform

Concen: 54.972 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY017900.D

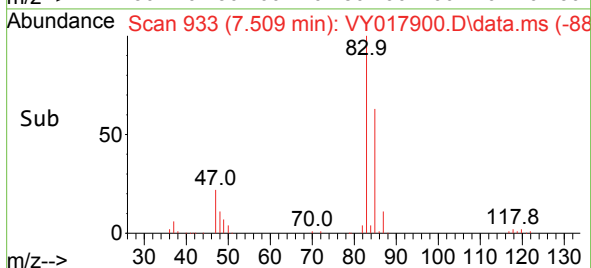
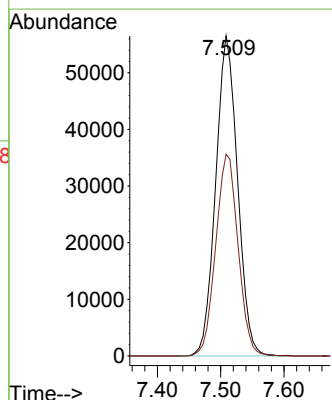
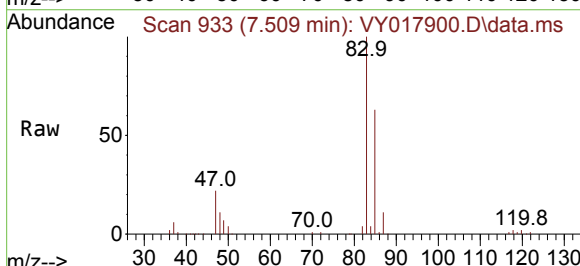
Acq: 11 Apr 2024 10:18

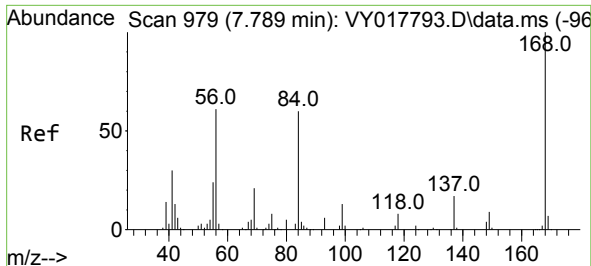
Tgt Ion: 83 Resp: 135507

Ion Ratio Lower Upper

83 100

85 63.0 52.2 78.4

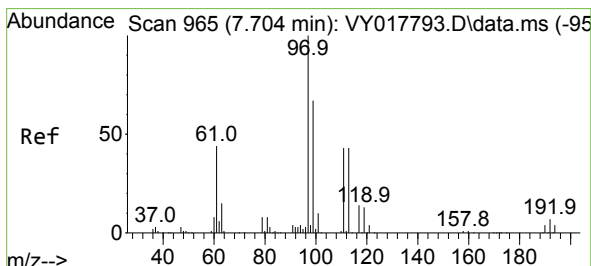
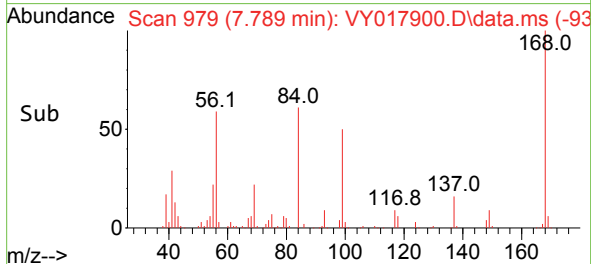
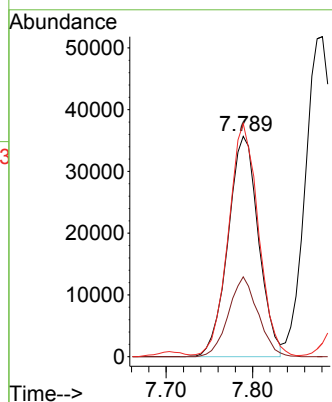
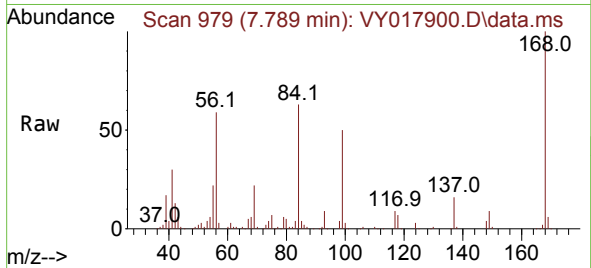




#31
Cyclohexane
Concen: 42.321 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017900.D
Acq: 11 Apr 2024 10:18

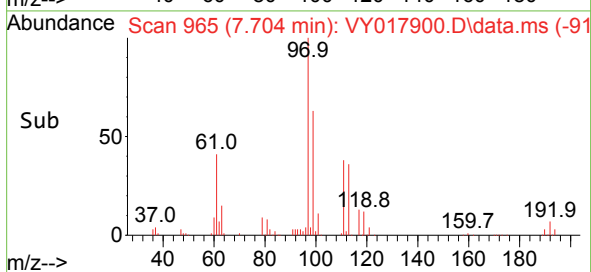
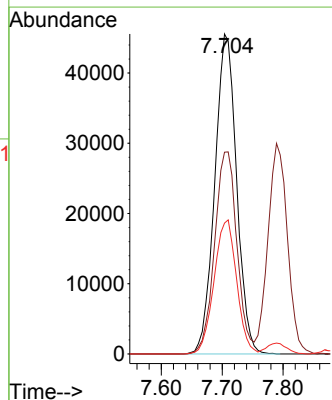
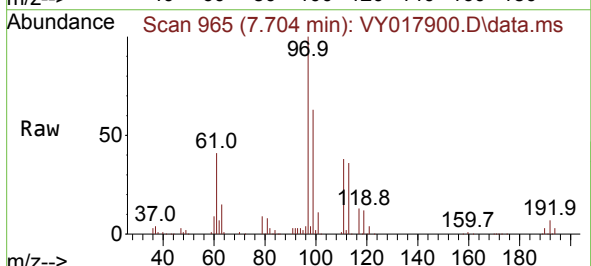
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

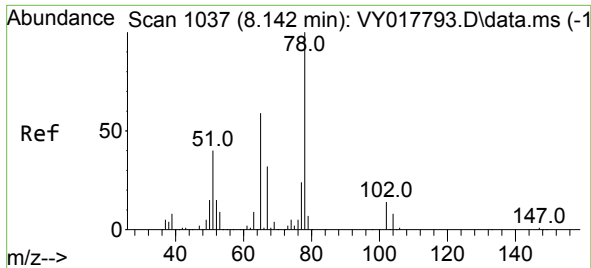
Tgt Ion: 56 Resp: 87239
Ion Ratio Lower Upper
56 100
69 36.3 28.7 43.1
84 104.0 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 54.139 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY017900.D
Acq: 11 Apr 2024 10:18

Tgt Ion: 97 Resp: 113585
Ion Ratio Lower Upper
97 100
99 64.8 50.3 75.5
61 43.3 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 55.485 ug/l

RT: 8.149 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY017900.D

Acq: 11 Apr 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :

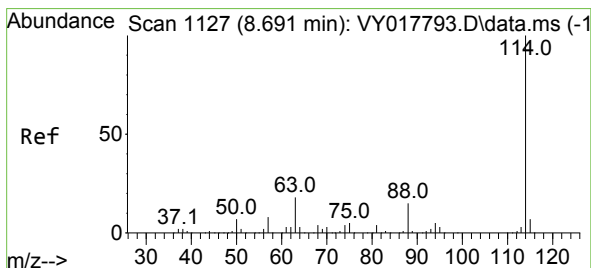
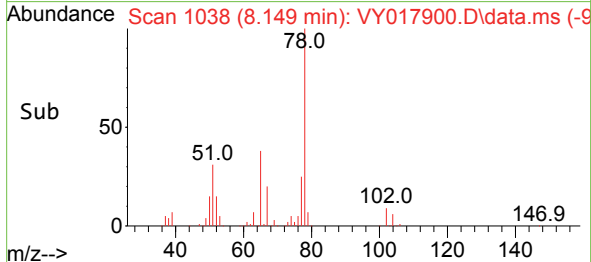
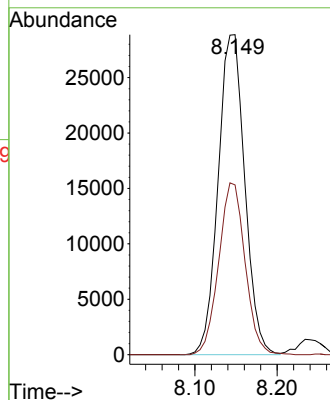
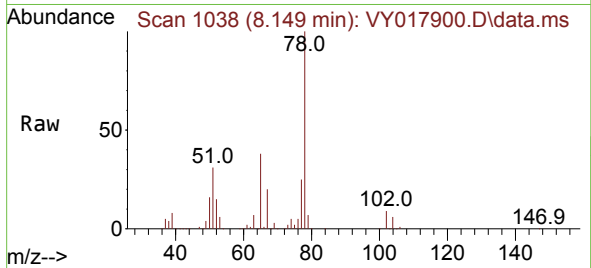
VSTDCCC050

Tgt Ion: 65 Resp: 64925

Ion Ratio Lower Upper

65 100

67 53.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017900.D

Acq: 11 Apr 2024 10:18

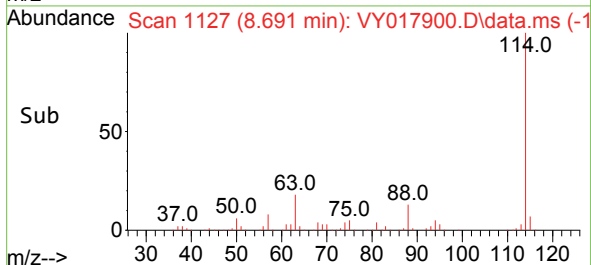
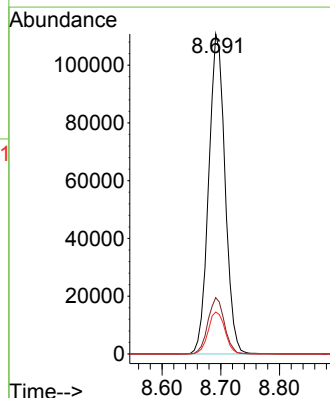
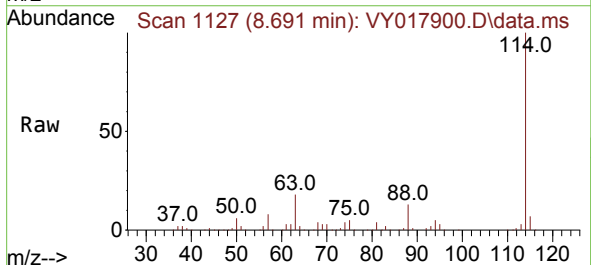
Tgt Ion: 114 Resp: 214041

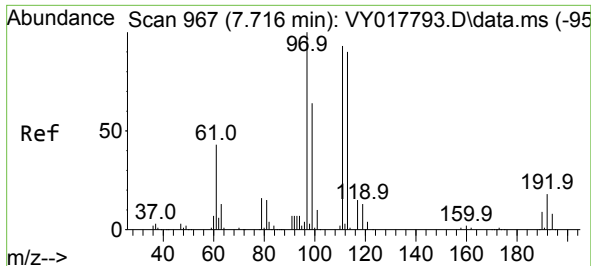
Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.0

88 13.1 0.0 27.2

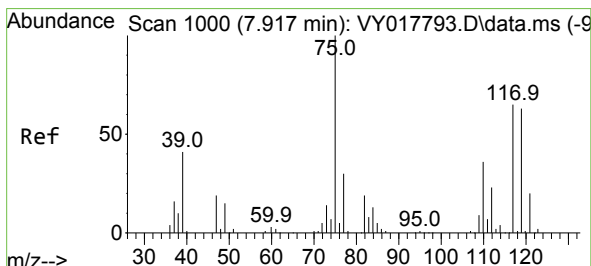
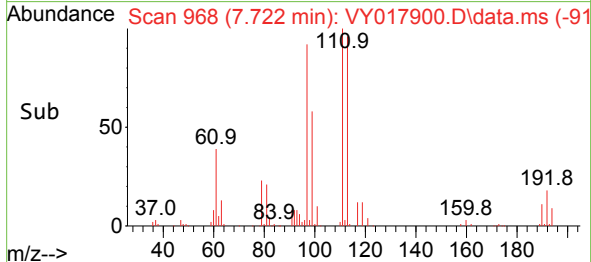
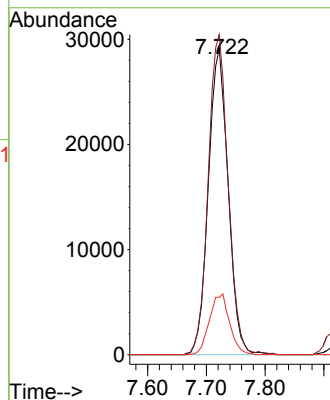
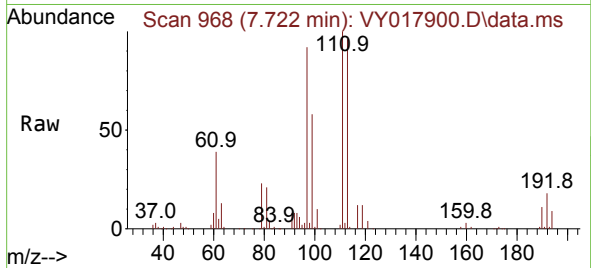




#35
Dibromofluoromethane
Concen: 55.112 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017900.D
Acq: 11 Apr 2024 10:18

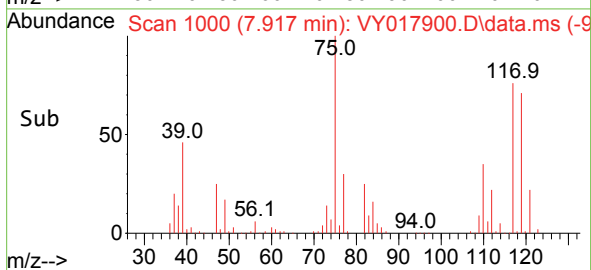
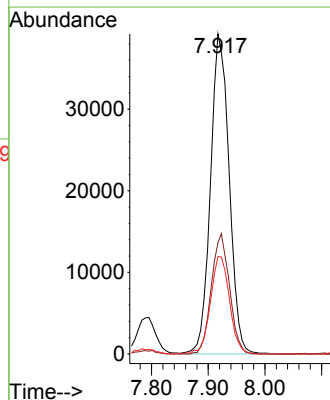
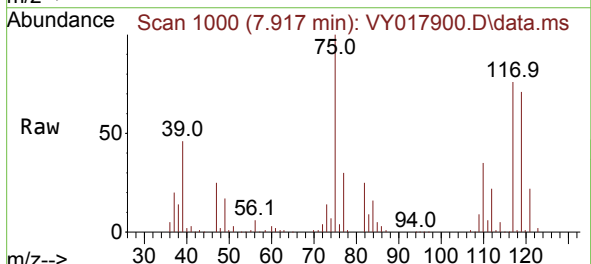
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

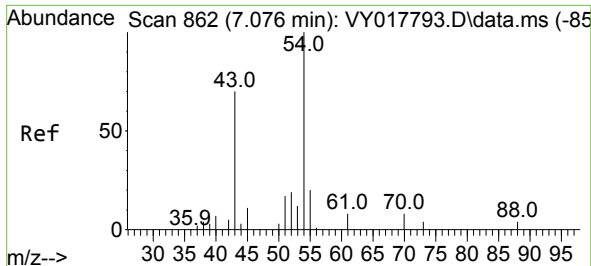
Tgt Ion:113 Resp: 68164
Ion Ratio Lower Upper
113 100
111 105.0 82.2 123.4
192 20.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 49.777 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY017900.D
Acq: 11 Apr 2024 10:18

Tgt Ion: 75 Resp: 89829
Ion Ratio Lower Upper
75 100
110 36.4 19.0 57.0
77 31.1 25.3 37.9





#37

Ethyl Acetate

Concen: 48.339 ug/l

RT: 7.076 min Scan# 862

Delta R.T. 0.000 min

Lab File: VY017900.D

Acq: 11 Apr 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

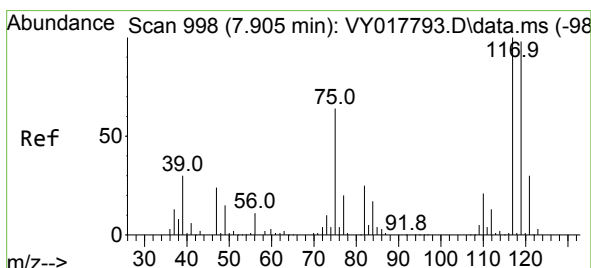
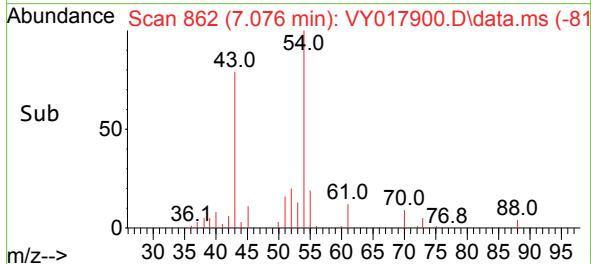
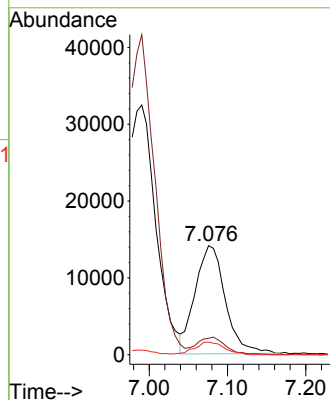
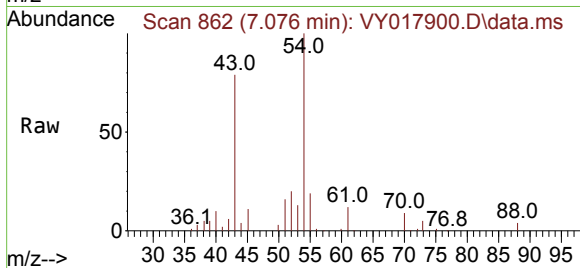
Tgt Ion: 43 Resp: 37645

Ion Ratio Lower Upper

43 100

61 14.9 12.6 19.0

70 11.5 7.8 11.8



#38

Carbon Tetrachloride

Concen: 53.289 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.000 min

Lab File: VY017900.D

Acq: 11 Apr 2024 10:18

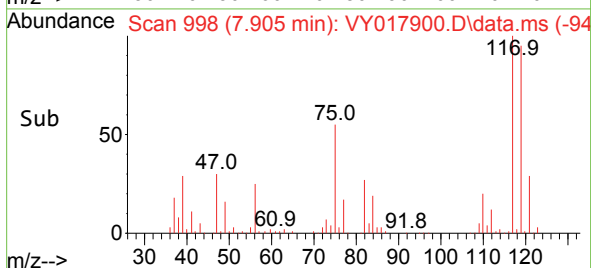
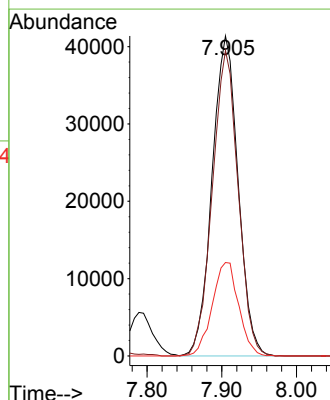
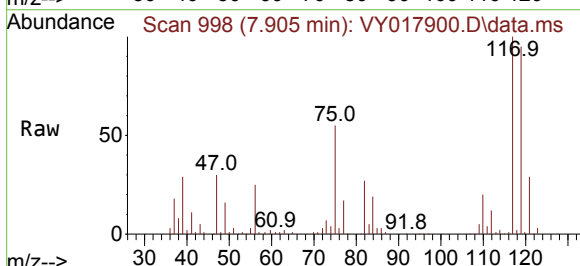
Tgt Ion: 117 Resp: 99833

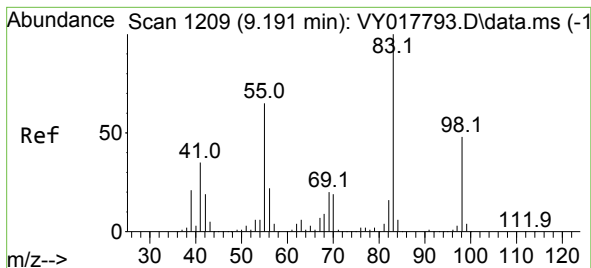
Ion Ratio Lower Upper

117 100

119 95.3 75.8 113.6

121 29.2 24.0 36.0





#39

Methylcyclohexane

Concen: 46.669 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017900.D

Acq: 11 Apr 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

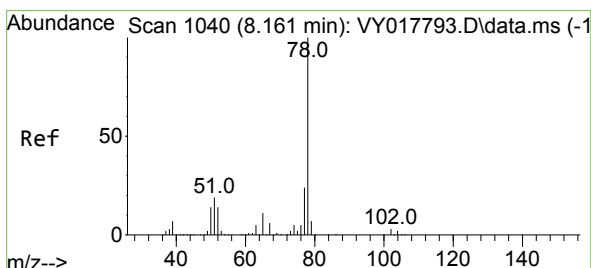
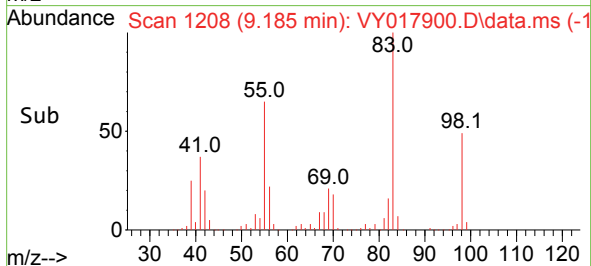
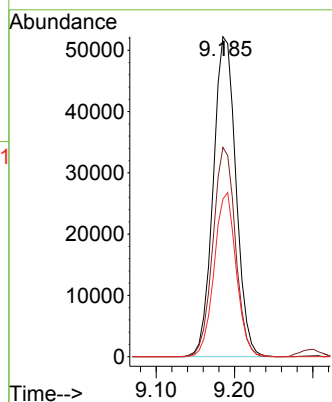
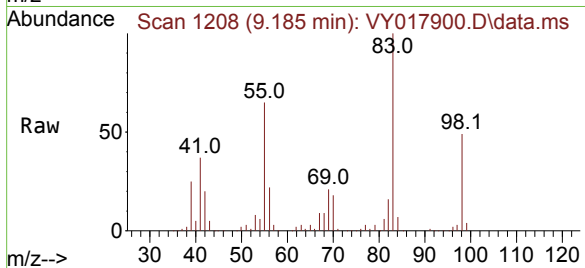
Tgt Ion: 83 Resp: 105200

Ion Ratio Lower Upper

83 100

55 65.4 51.5 77.3

98 49.2 40.5 60.7



#40

Benzene

Concen: 50.791 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY017900.D

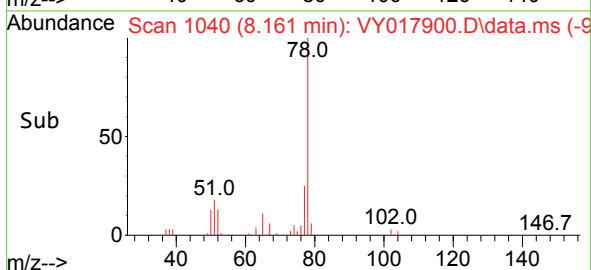
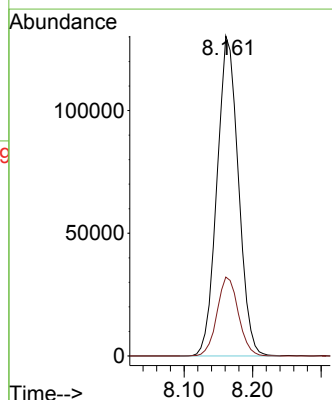
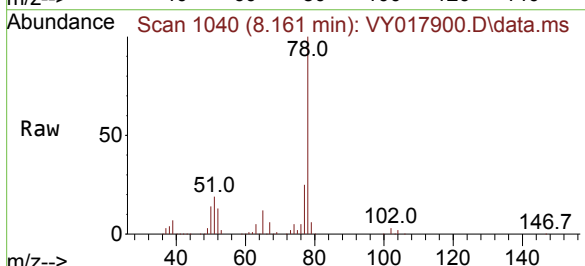
Acq: 11 Apr 2024 10:18

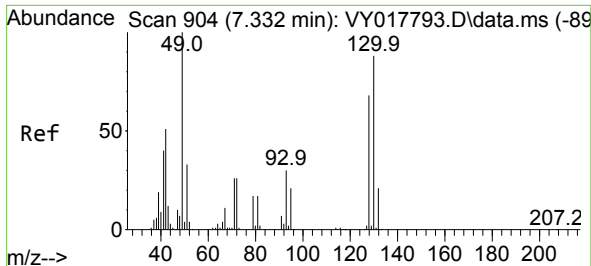
Tgt Ion: 78 Resp: 282472

Ion Ratio Lower Upper

78 100

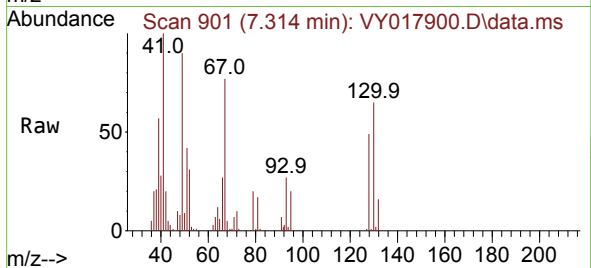
77 24.7 19.5 29.3



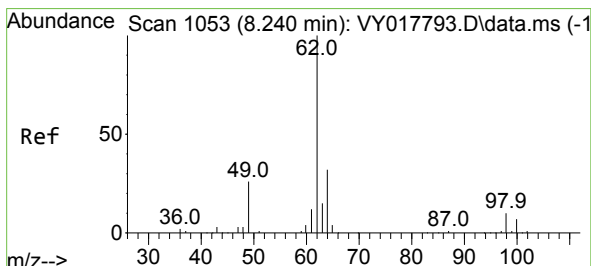
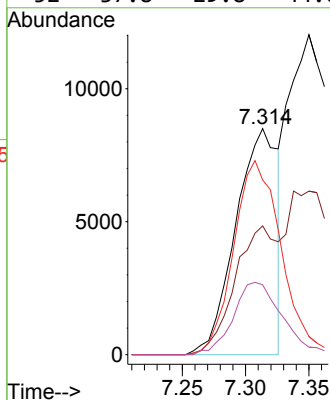
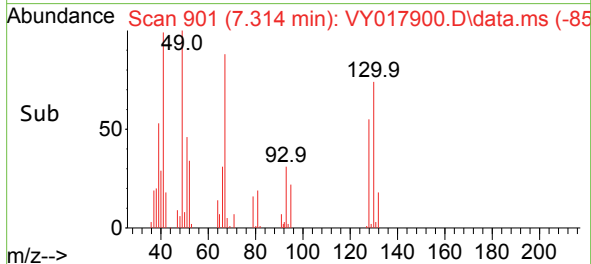


#41
Methacrylonitrile
Concen: 45.060 ug/l
RT: 7.314 min Scan# 904
Delta R.T. -0.018 min
Lab File: VY017900.D
Acq: 11 Apr 2024 10:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

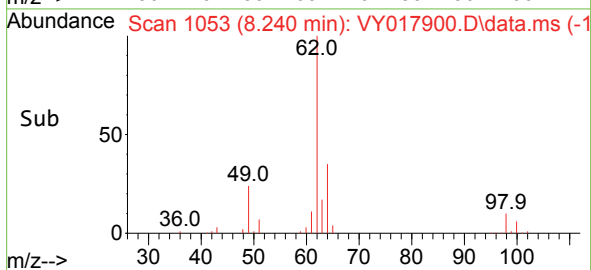
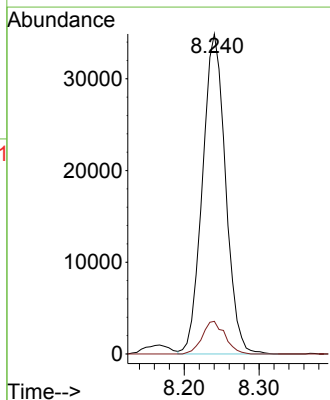
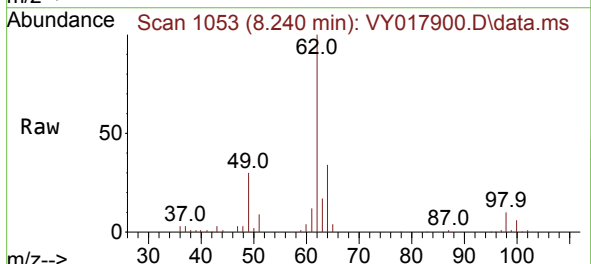


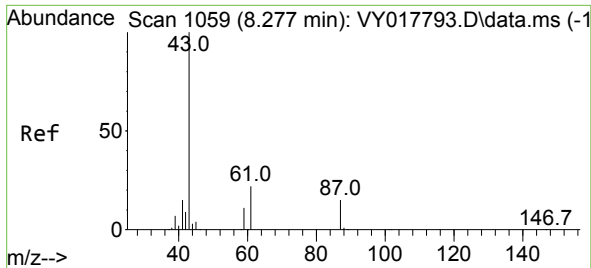
Tgt Ion:	41	Resp:	19688
Ion Ratio	Lower	Upper	
41	100		
39	57.4	48.0	72.0
67	97.8	75.1	112.7
52	37.8	29.8	44.6



#42
1,2-Dichloroethane
Concen: 54.766 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY017900.D
Acq: 11 Apr 2024 10:18

Tgt Ion:	62	Resp:	74967
Ion Ratio	Lower	Upper	
62	100		
98	10.0	0.0	22.0

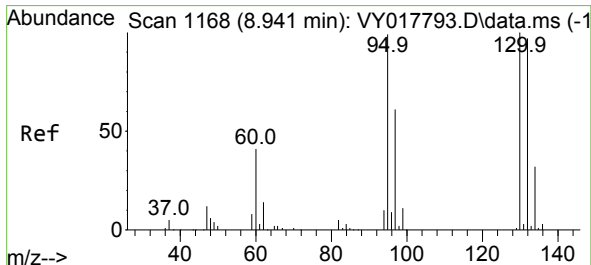
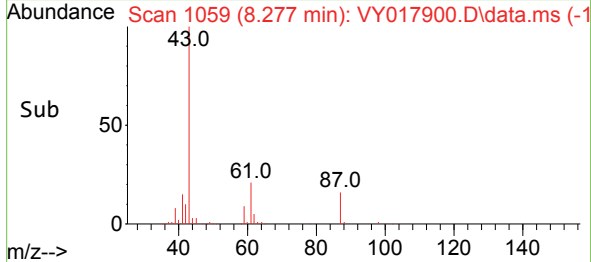
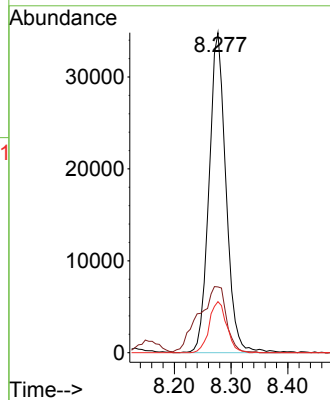
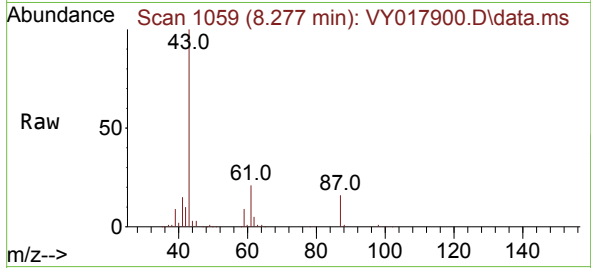




#43
Isopropyl Acetate
Concen: 51.019 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY017900.D
Acq: 11 Apr 2024 10:18

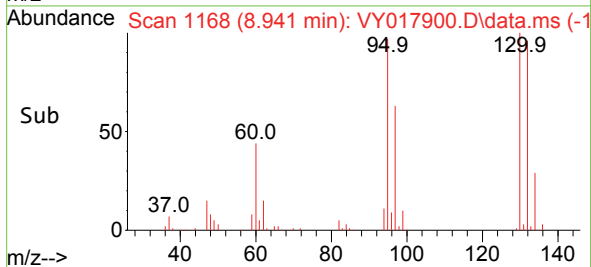
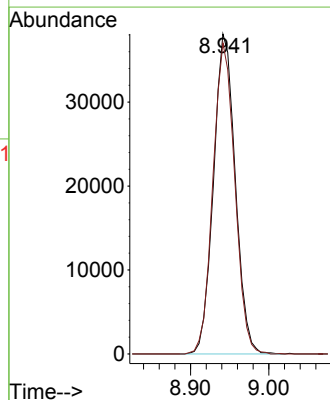
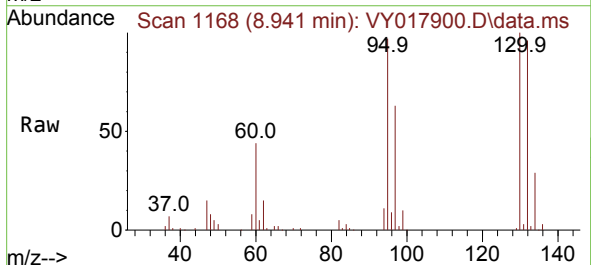
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

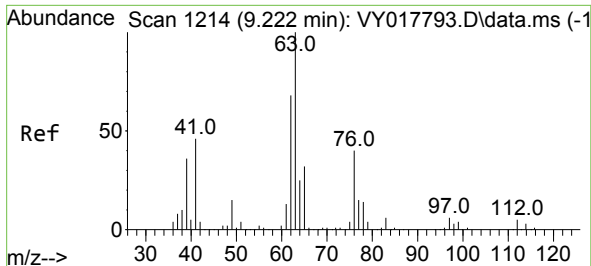
Tgt Ion:	43	Resp:	72105
Ion	Ratio	Lower	Upper
43	100		
61	33.7	27.9	41.9
87	16.4	13.1	19.7



#44
Trichloroethene
Concen: 50.923 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY017900.D
Acq: 11 Apr 2024 10:18

Tgt Ion:	130	Resp:	73682
Ion	Ratio	Lower	Upper
130	100		
95	97.2	0.0	188.0

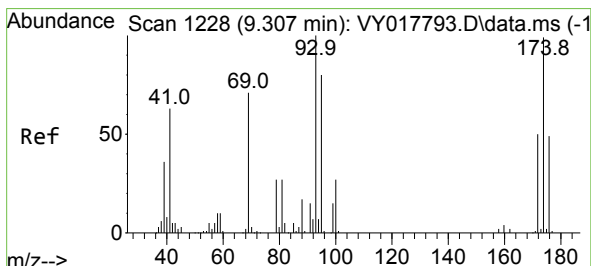
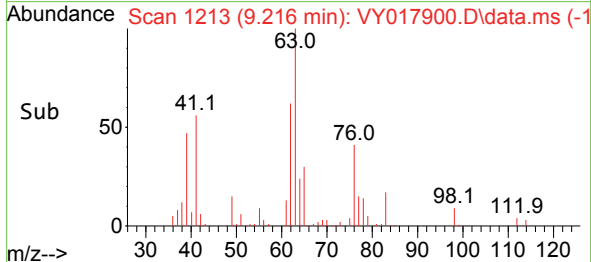
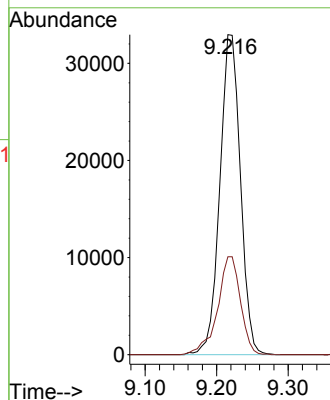
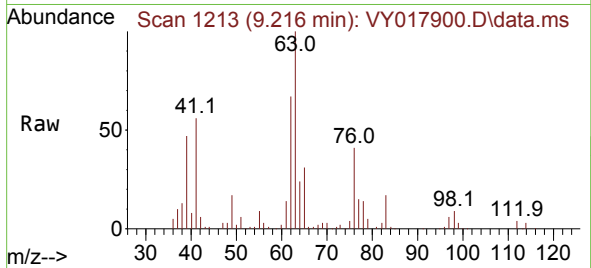




#45
1,2-Dichloropropane
Concen: 50.899 ug/l
RT: 9.216 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017900.D
Acq: 11 Apr 2024 10:18

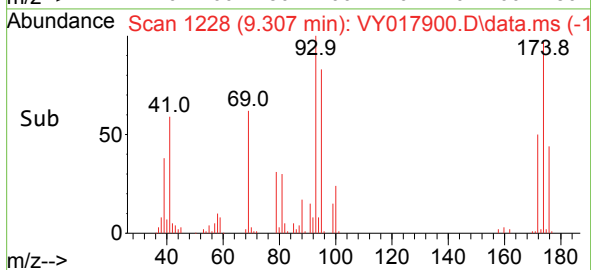
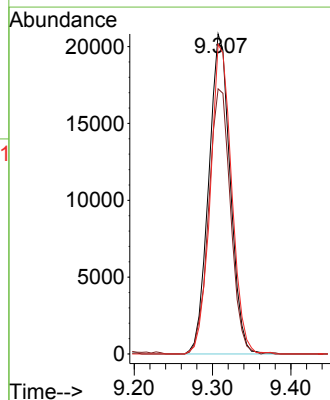
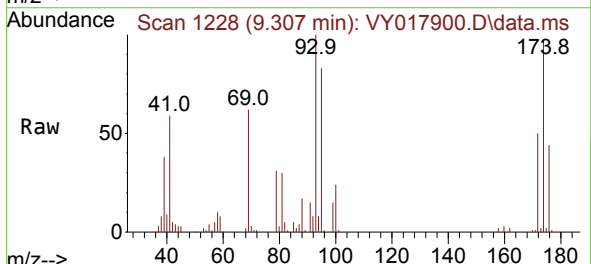
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

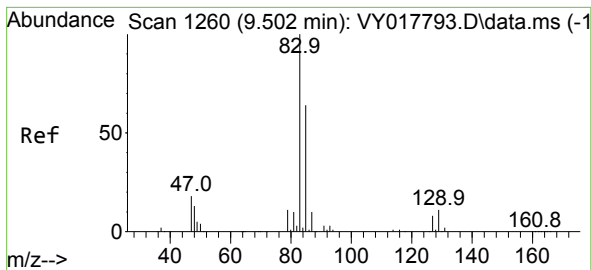
Tgt Ion: 63 Resp: 65778
Ion Ratio Lower Upper
63 100
65 30.6 25.4 38.2



#46
Dibromomethane
Concen: 54.043 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY017900.D
Acq: 11 Apr 2024 10:18

Tgt Ion: 93 Resp: 39679
Ion Ratio Lower Upper
93 100
95 84.3 66.2 99.4
174 96.3 80.9 121.3





#47

Bromodichloromethane

Concen: 55.182 ug/l

RT: 9.502 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VY017900.D

Acq: 11 Apr 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

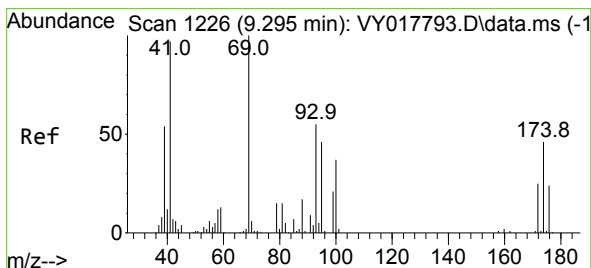
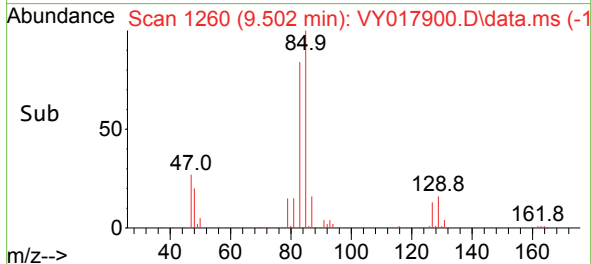
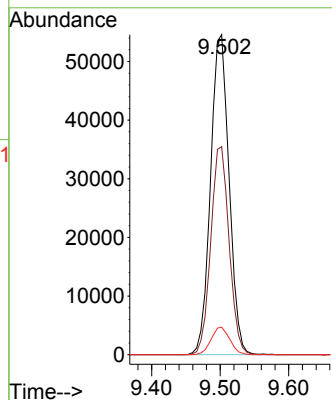
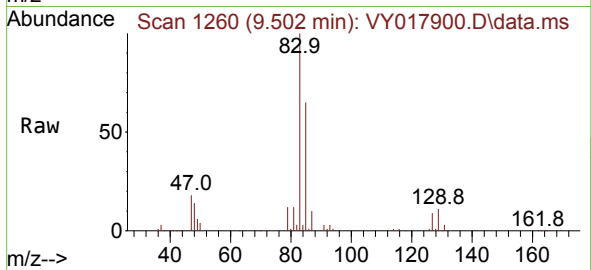
Tgt Ion: 83 Resp: 102373

Ion Ratio Lower Upper

83 100

85 65.0 50.1 75.1

127 8.6 7.4 11.0



#48

Methyl methacrylate

Concen: 52.494 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY017900.D

Acq: 11 Apr 2024 10:18

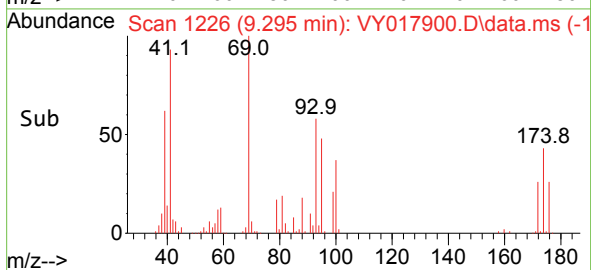
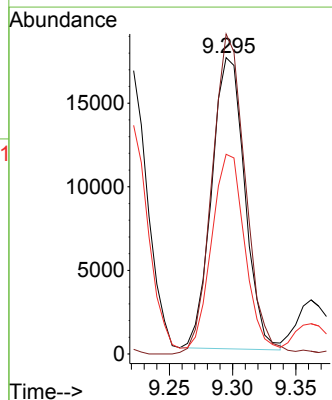
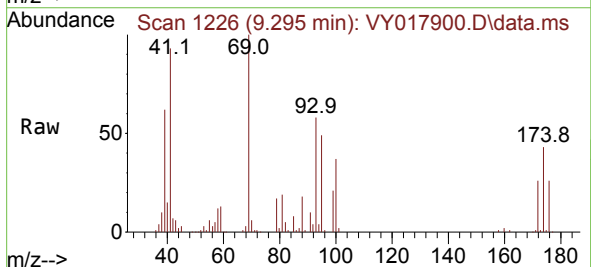
Tgt Ion: 41 Resp: 31735

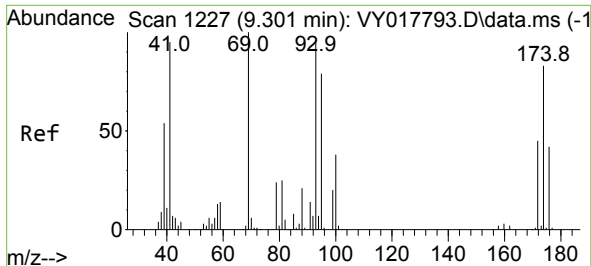
Ion Ratio Lower Upper

41 100

69 110.9 84.1 126.1

39 69.5 43.6 65.4#





#49

1,4-Dioxane

Concen: 1070.699 ug/l

RT: 9.301 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017900.D

Acq: 11 Apr 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

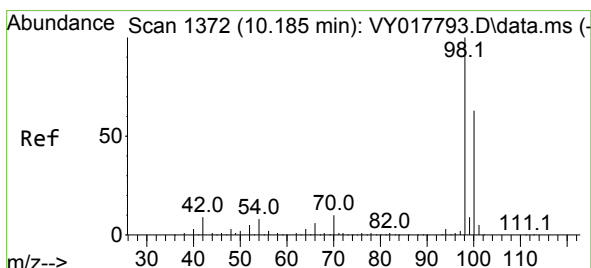
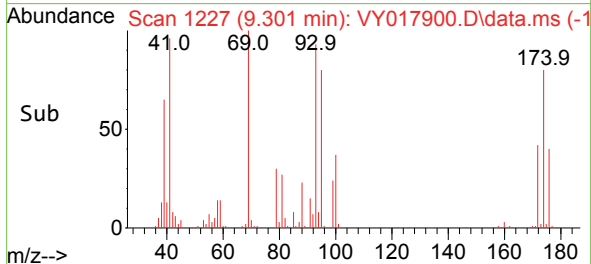
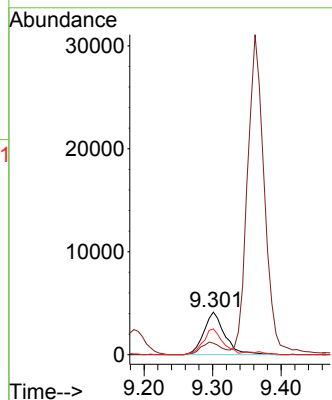
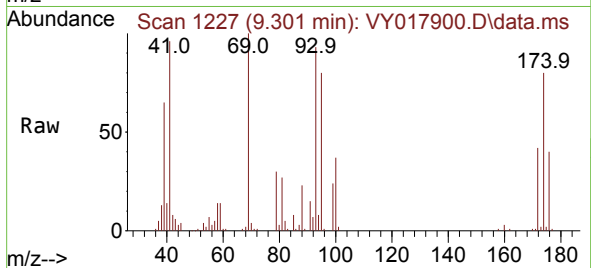
Tgt Ion: 88 Resp: 8825

Ion Ratio Lower Upper

88 100

43 29.6 0.0 0.0#

58 57.2 49.3 73.9



#50

Toluene-d8

Concen: 53.564 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY017900.D

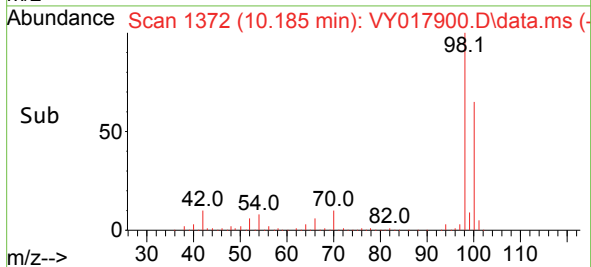
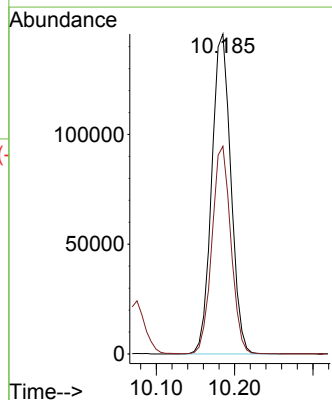
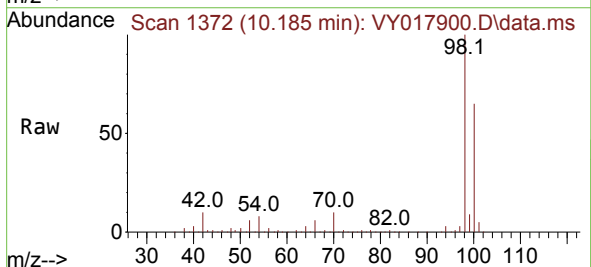
Acq: 11 Apr 2024 10:18

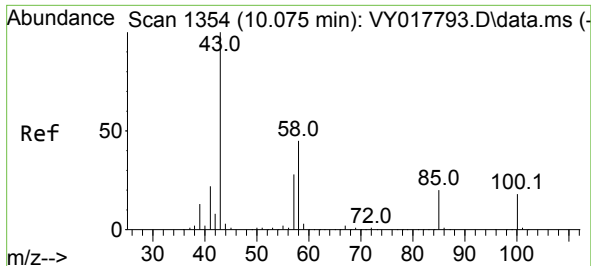
Tgt Ion: 98 Resp: 247470

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 280.653 ug/l

RT: 10.075 min Scan# 1354

Delta R.T. 0.000 min

Lab File: VY017900.D

Acq: 11 Apr 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :

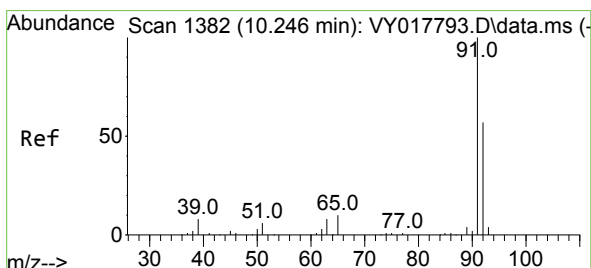
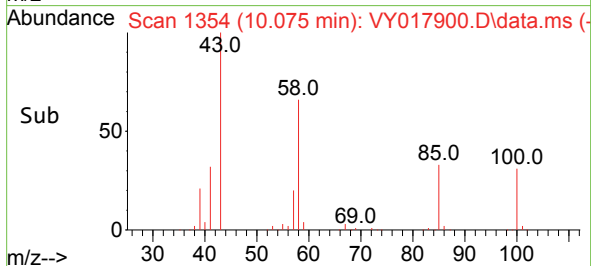
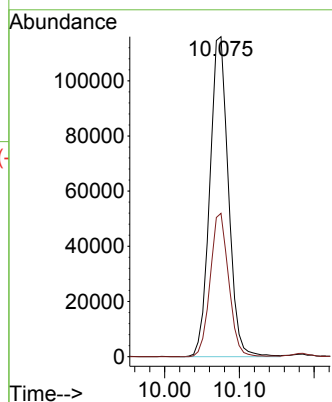
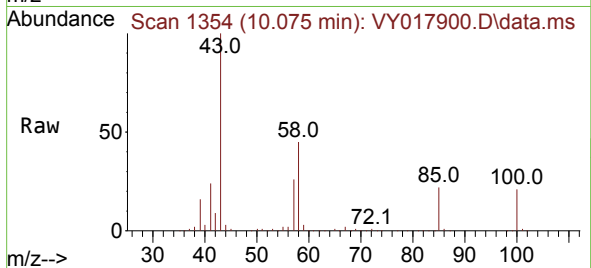
VSTDCCC050

Tgt Ion: 43 Resp: 200266

Ion Ratio Lower Upper

43 100

58 44.4 35.7 53.5



#52

Toluene

Concen: 53.677 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.000 min

Lab File: VY017900.D

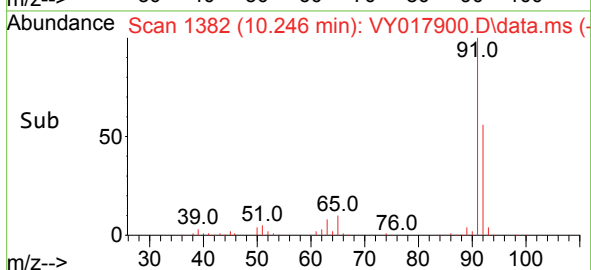
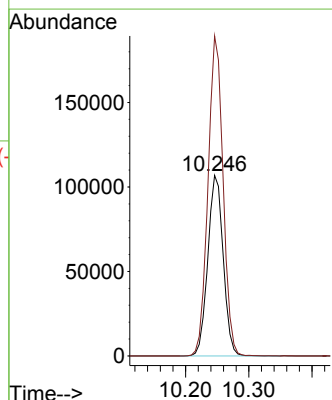
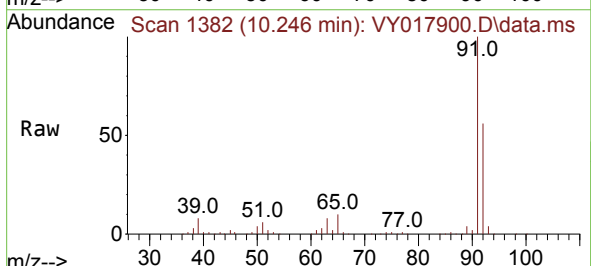
Acq: 11 Apr 2024 10:18

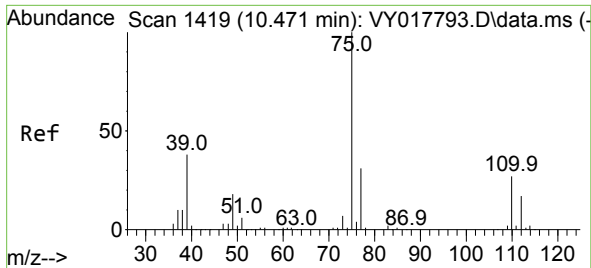
Tgt Ion: 92 Resp: 181074

Ion Ratio Lower Upper

92 100

91 173.6 139.0 208.6

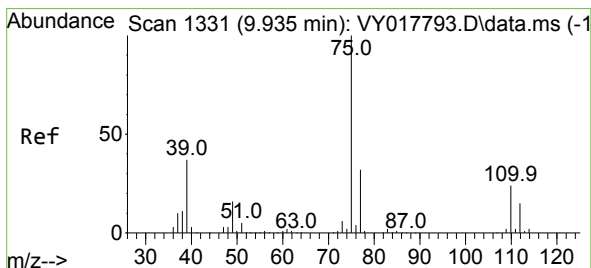
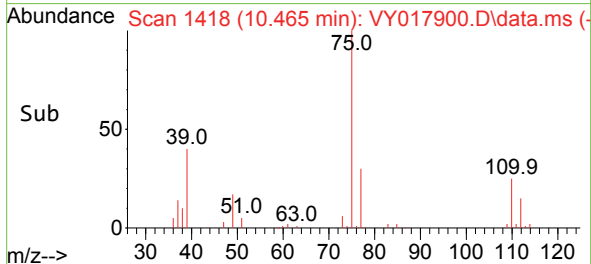
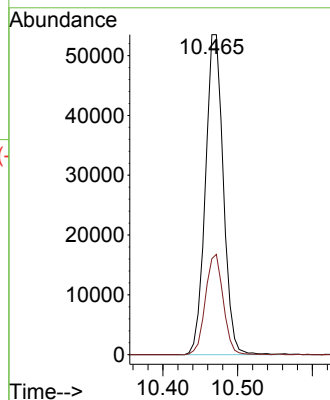
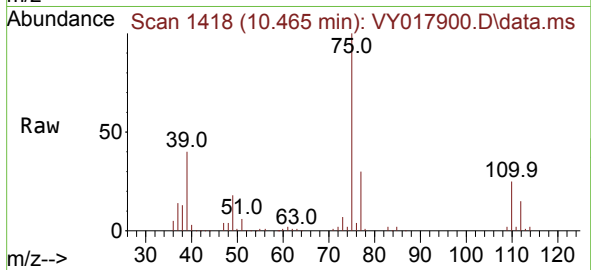




#53
t-1,3-Dichloropropene
Concen: 54.035 ug/l
RT: 10.465 min Scan# 1419
Delta R.T. -0.006 min
Lab File: VY017900.D
Acq: 11 Apr 2024 10:18

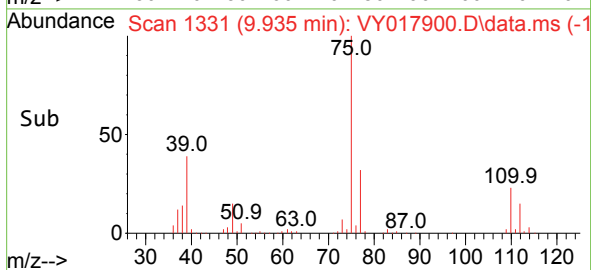
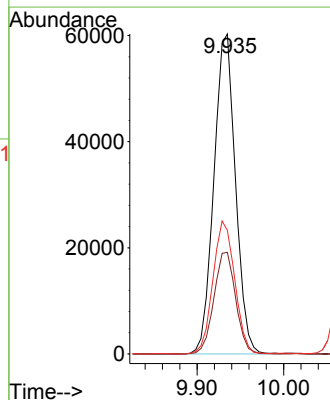
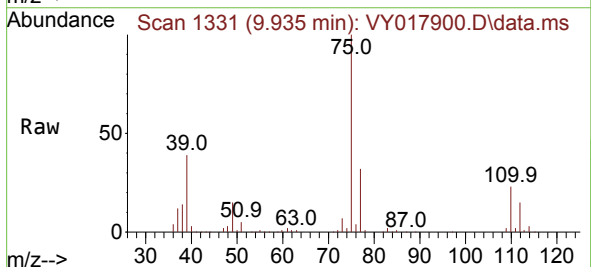
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

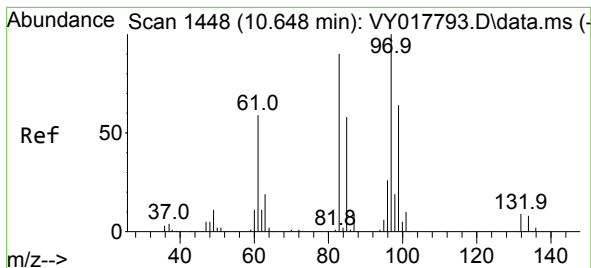
Tgt Ion: 75 Resp: 89008
Ion Ratio Lower Upper
75 100
77 30.0 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 51.938 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.000 min
Lab File: VY017900.D
Acq: 11 Apr 2024 10:18

Tgt Ion: 75 Resp: 104415
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.0
39 38.6 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 54.361 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY017900.D

Acq: 11 Apr 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 53182

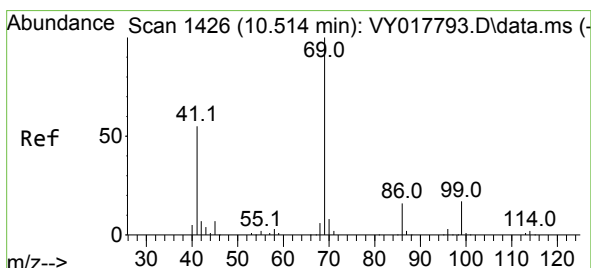
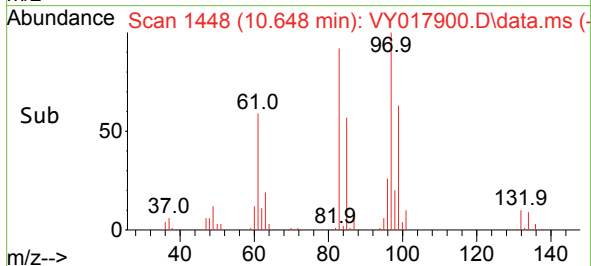
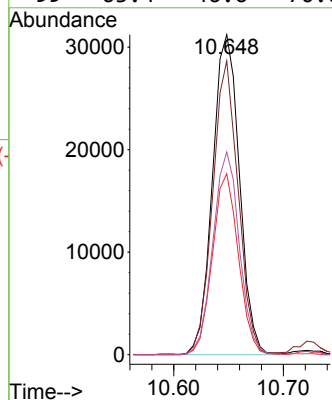
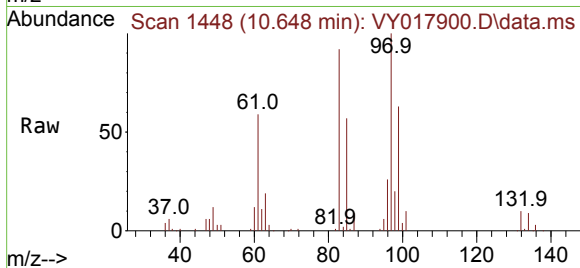
Ion Ratio Lower Upper

97 100

83 91.8 67.5 101.3

85 56.4 42.9 64.3

99 63.4 46.6 70.0



#56

Ethyl methacrylate

Concen: 55.887 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.000 min

Lab File: VY017900.D

Acq: 11 Apr 2024 10:18

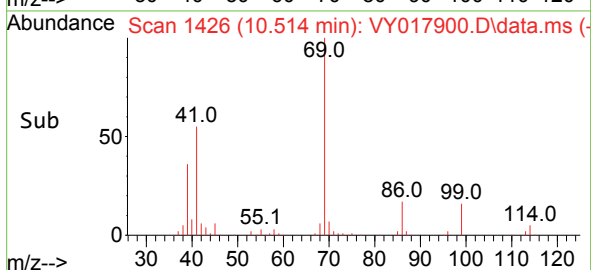
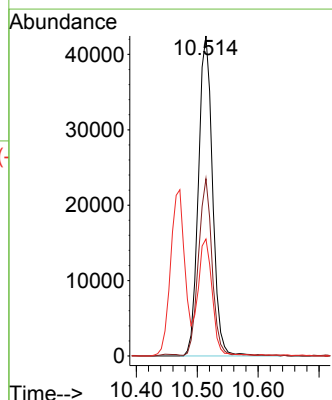
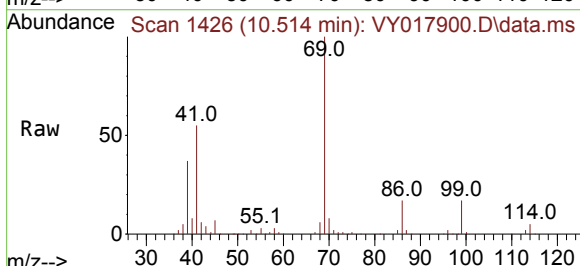
Tgt Ion: 69 Resp: 68492

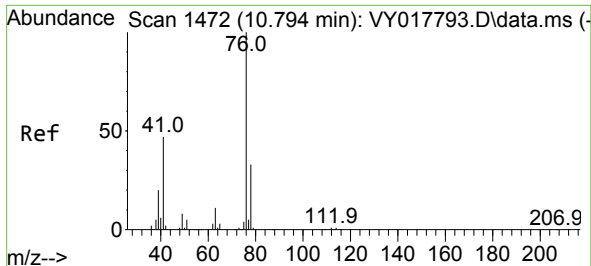
Ion Ratio Lower Upper

69 100

41 52.6 42.3 63.5

39 36.2 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 53.825 ug/l

RT: 10.795 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VY017900.D

Acq: 11 Apr 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :

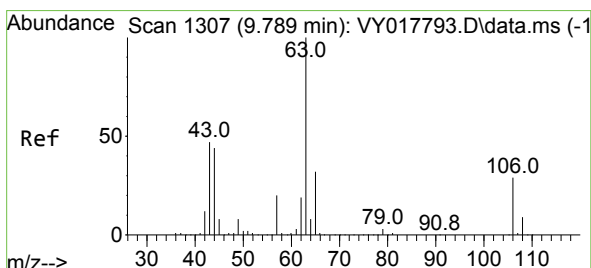
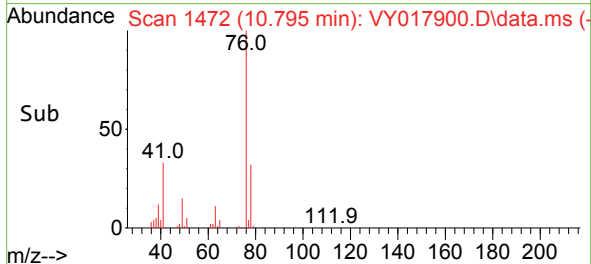
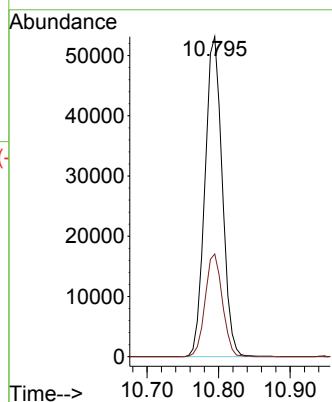
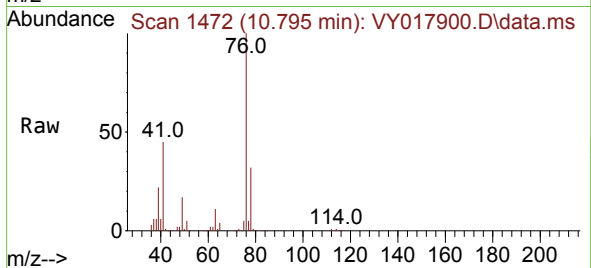
VSTDCCC050

Tgt Ion: 76 Resp: 89061

Ion Ratio Lower Upper

76 100

78 32.1 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 273.032 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VY017900.D

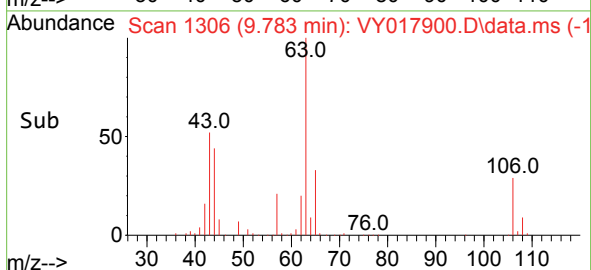
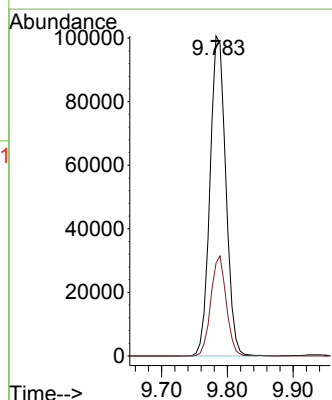
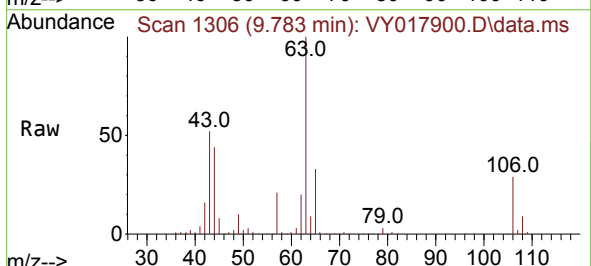
Acq: 11 Apr 2024 10:18

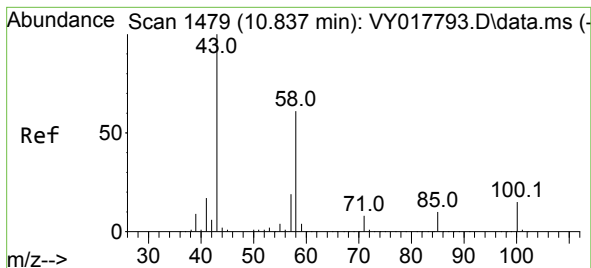
Tgt Ion: 63 Resp: 168658

Ion Ratio Lower Upper

63 100

106 30.3 23.7 35.5





#59

2-Hexanone

Concen: 276.596 ug/l

RT: 10.837 min Scan# 1479

Delta R.T. 0.000 min

Lab File: VY017900.D

Acq: 11 Apr 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :

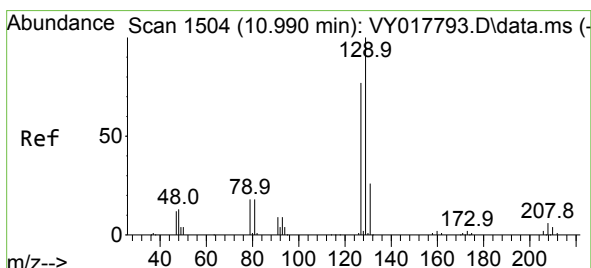
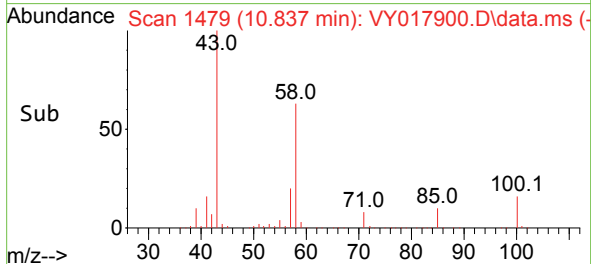
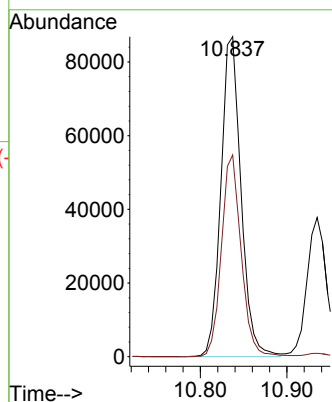
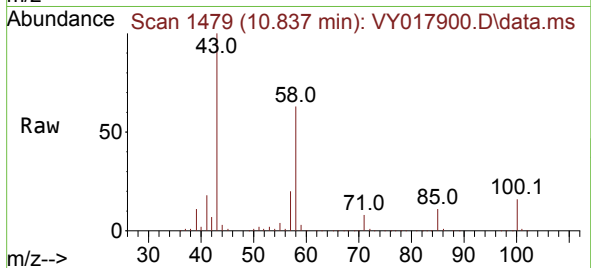
VSTDCCC050

Tgt Ion: 43 Resp: 140210

Ion Ratio Lower Upper

43 100

58 61.8 31.4 94.0



#60

Dibromochloromethane

Concen: 55.047 ug/l

RT: 10.990 min Scan# 1504

Delta R.T. 0.000 min

Lab File: VY017900.D

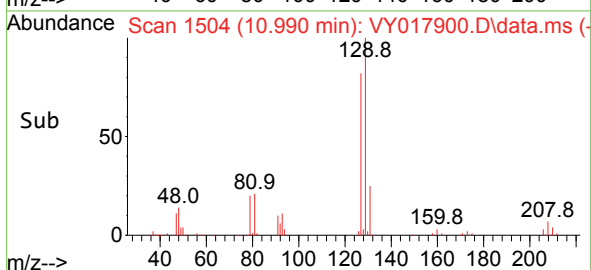
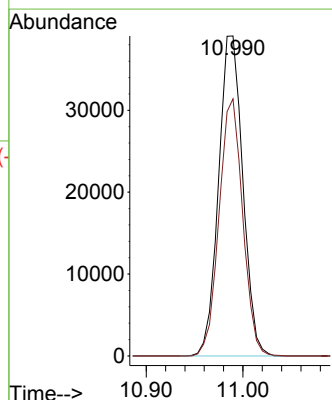
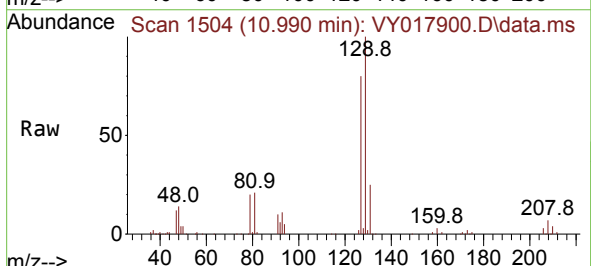
Acq: 11 Apr 2024 10:18

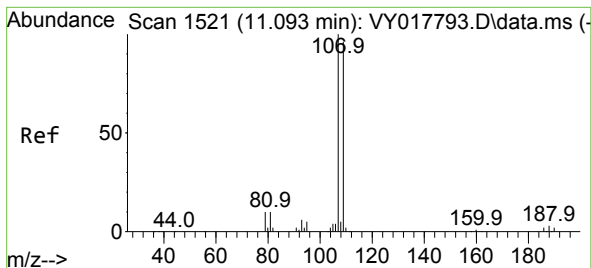
Tgt Ion:129 Resp: 67922

Ion Ratio Lower Upper

129 100

127 78.2 39.0 117.0

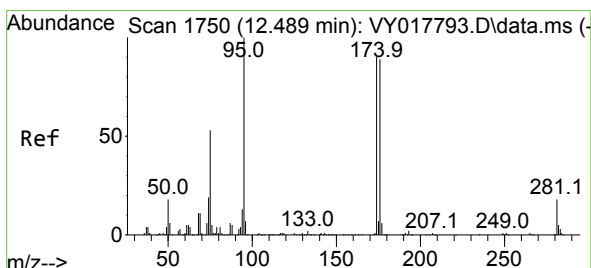
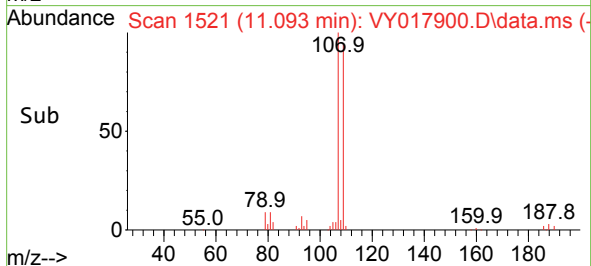
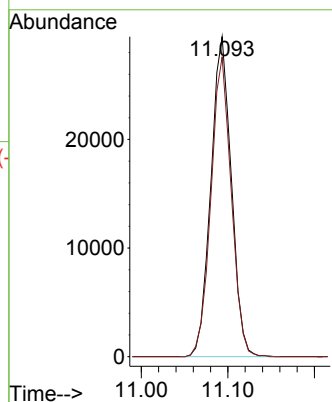
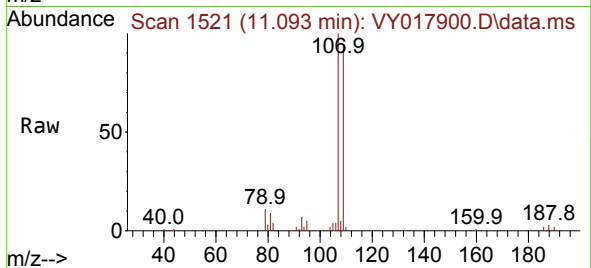




#61
1,2-Dibromoethane
Concen: 54.134 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY017900.D
Acq: 11 Apr 2024 10:18

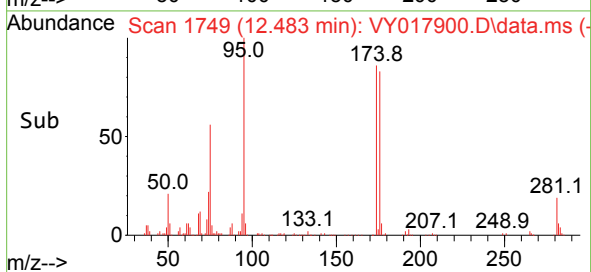
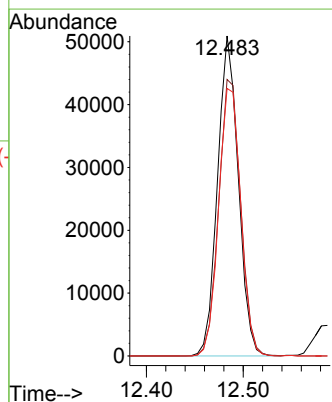
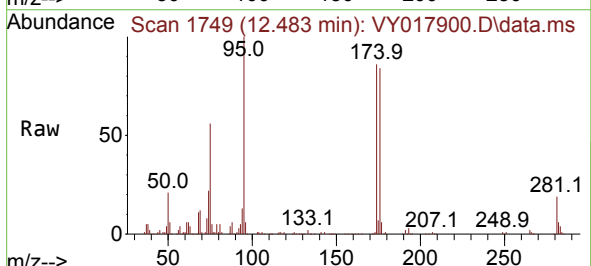
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

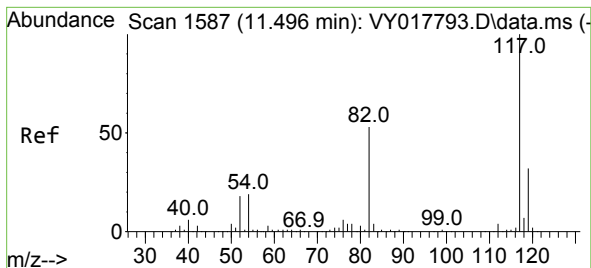
Tgt Ion:107 Resp: 48292
Ion Ratio Lower Upper
107 100
109 93.0 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 53.971 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017900.D
Acq: 11 Apr 2024 10:18

Tgt Ion: 95 Resp: 75864
Ion Ratio Lower Upper
95 100
174 91.4 0.0 175.6
176 89.3 0.0 171.4

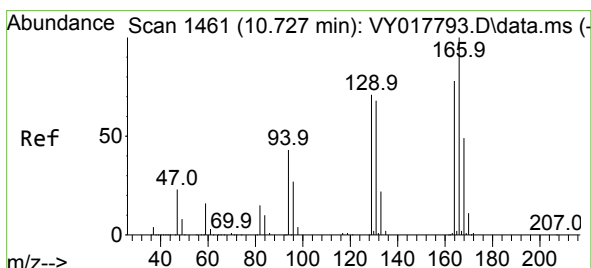
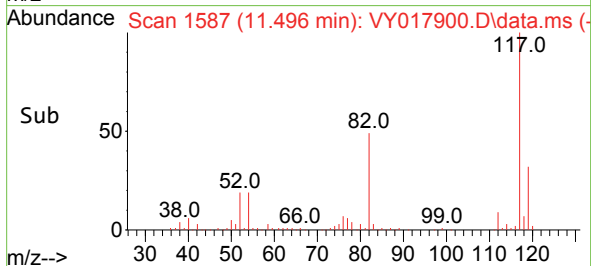
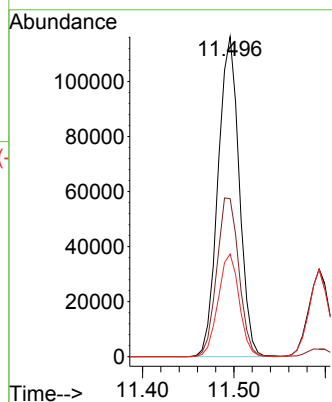
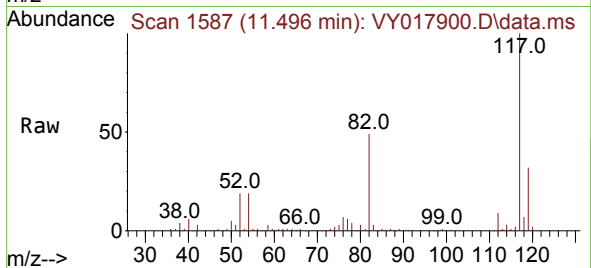




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017900.D
Acq: 11 Apr 2024 10:18

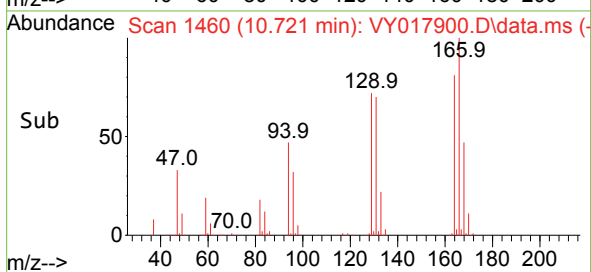
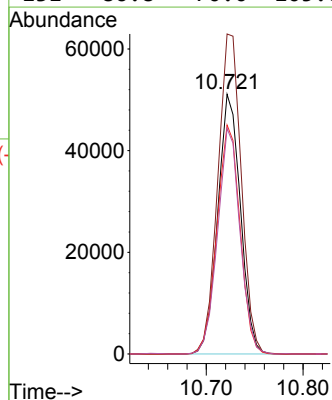
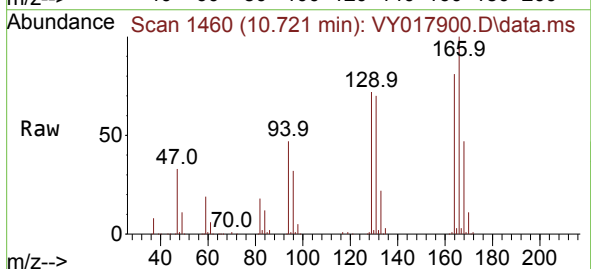
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

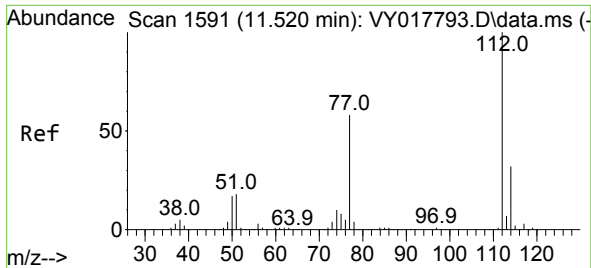
Tgt Ion:117 Resp: 187280
Ion Ratio Lower Upper
117 100
82 49.4 42.4 63.6
119 32.1 25.9 38.9



#64
Tetrachloroethene
Concen: 50.898 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VY017900.D
Acq: 11 Apr 2024 10:18

Tgt Ion:164 Resp: 83140
Ion Ratio Lower Upper
164 100
166 123.2 102.6 154.0
129 88.1 72.0 108.0
131 86.8 70.0 105.0

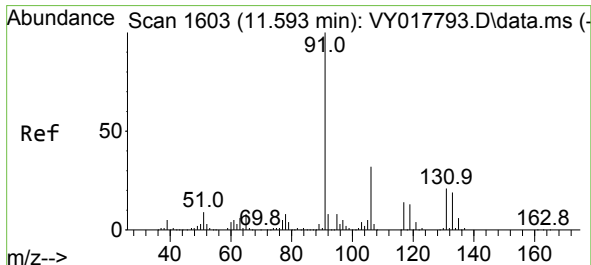
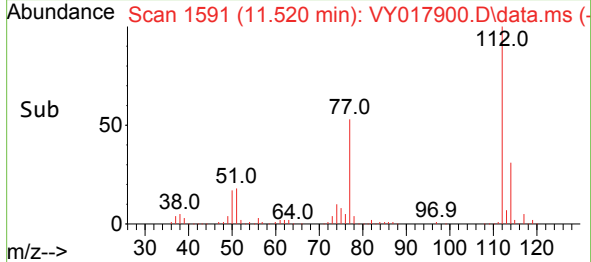
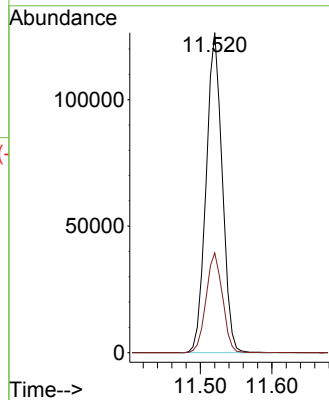
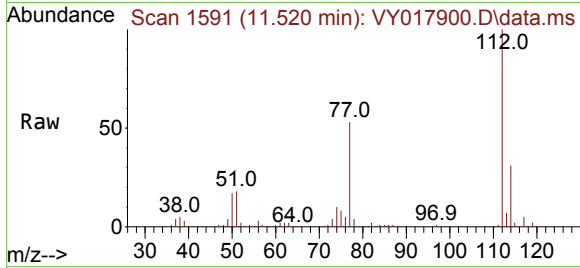




#65
Chlorobenzene
Concen: 51.466 ug/l
RT: 11.520 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY017900.D
Acq: 11 Apr 2024 10:18

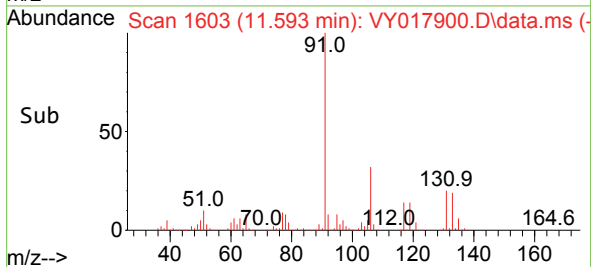
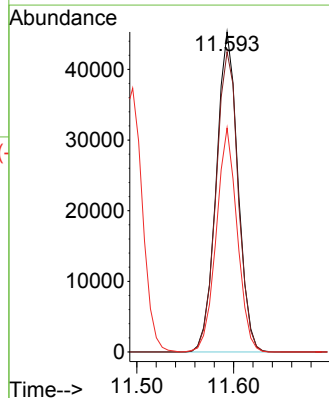
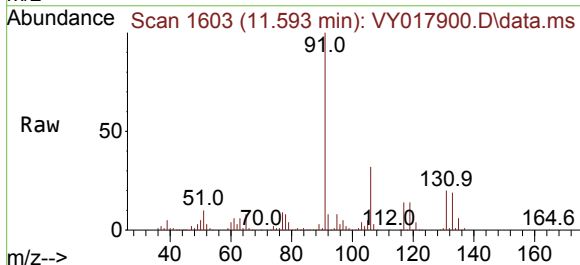
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

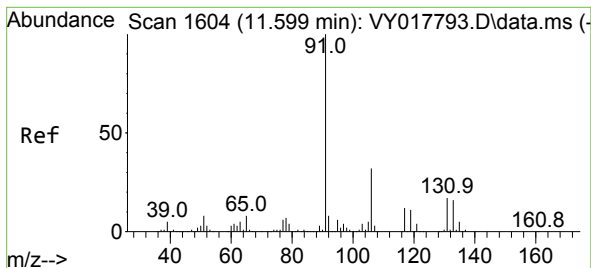
Tgt Ion:112 Resp: 197718
Ion Ratio Lower Upper
112 100
114 31.2 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.944 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY017900.D
Acq: 11 Apr 2024 10:18

Tgt Ion:131 Resp: 70367
Ion Ratio Lower Upper
131 100
133 96.3 47.8 143.3
119 67.7 34.1 102.2





#67

Ethyl Benzene

Concen: 52.408 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.006 min

Lab File: VY017900.D

Acq: 11 Apr 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :

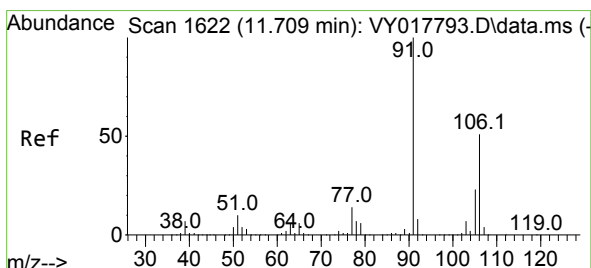
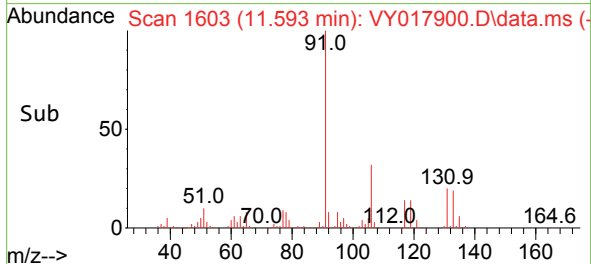
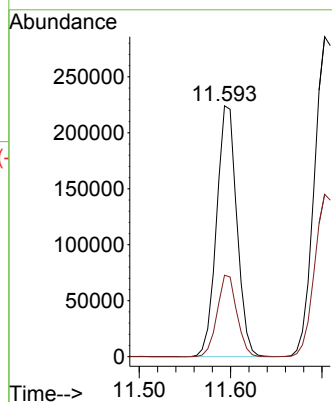
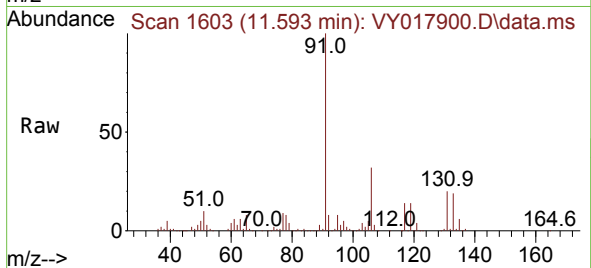
VSTDCCC050

Tgt Ion: 91 Resp: 346112

Ion Ratio Lower Upper

91 100

106 32.5 24.5 36.7



#68

m/p-Xylenes

Concen: 106.242 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.006 min

Lab File: VY017900.D

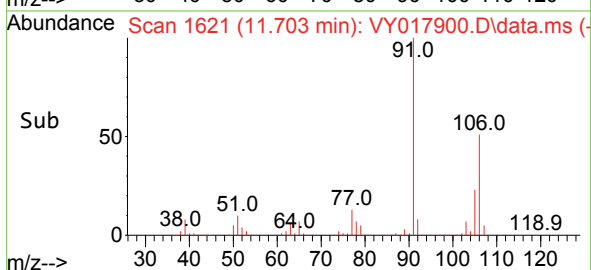
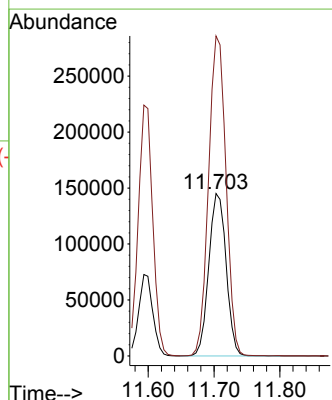
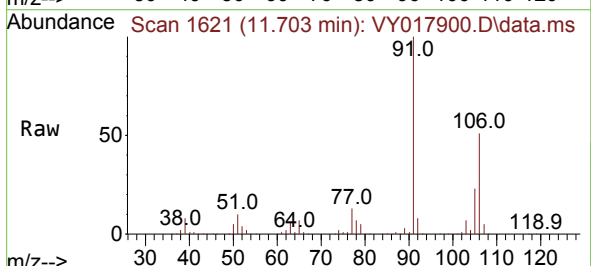
Acq: 11 Apr 2024 10:18

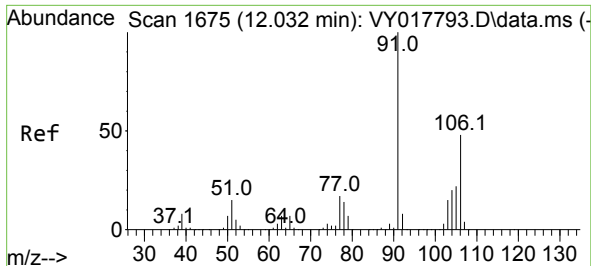
Tgt Ion: 106 Resp: 266094

Ion Ratio Lower Upper

106 100

91 197.6 156.0 234.0

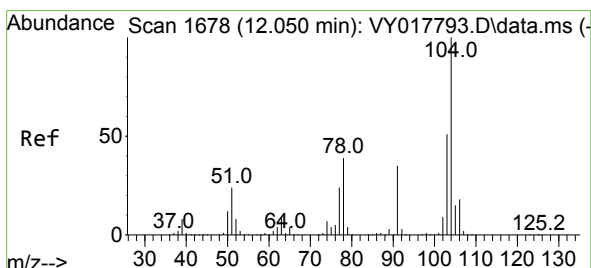
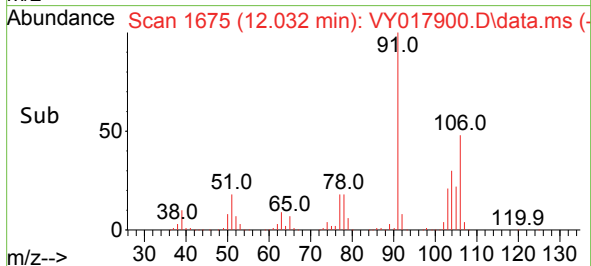
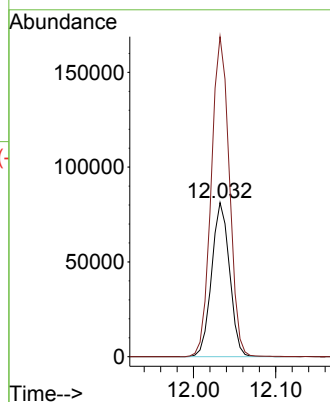
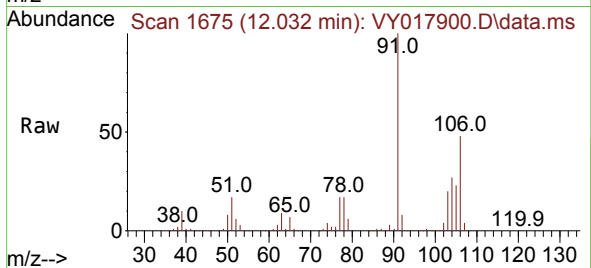




#69
o-Xylene
Concen: 57.639 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY017900.D
Acq: 11 Apr 2024 10:18

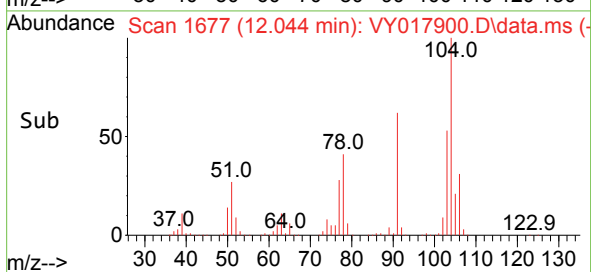
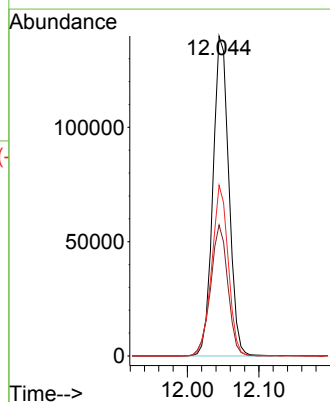
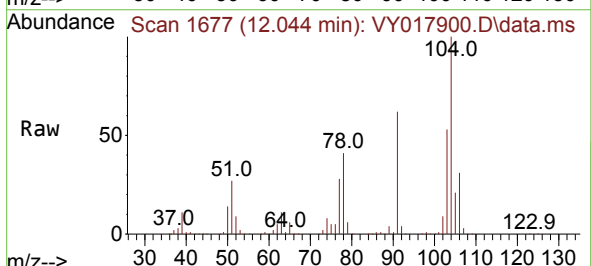
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

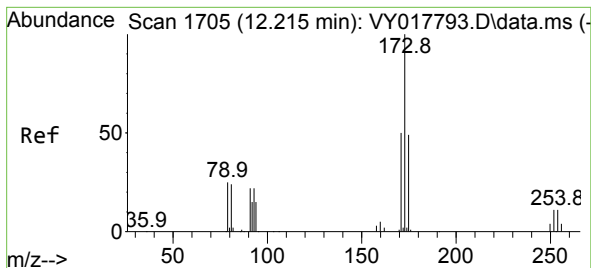
Tgt Ion:106 Resp: 122872
Ion Ratio Lower Upper
106 100
91 210.4 103.6 310.8



#70
Styrene
Concen: 58.749 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.006 min
Lab File: VY017900.D
Acq: 11 Apr 2024 10:18

Tgt Ion:104 Resp: 216780
Ion Ratio Lower Upper
104 100
78 44.3 37.0 55.4
103 55.4 44.2 66.2





#71

Bromoform

Concen: 52.699 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017900.D

Acq: 11 Apr 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

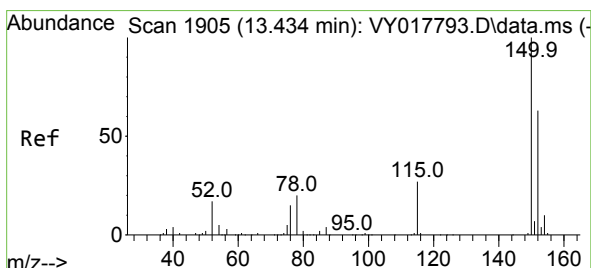
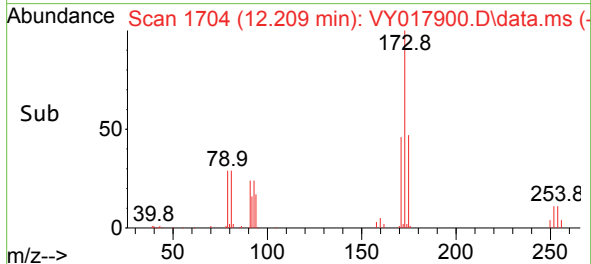
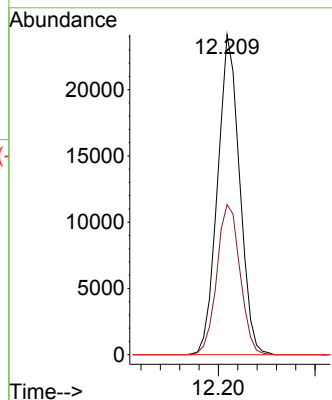
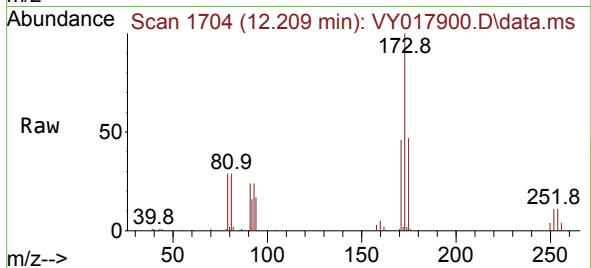
Tgt Ion:173 Resp: 38105

Ion Ratio Lower Upper

173 100

175 49.4 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY017900.D

Acq: 11 Apr 2024 10:18

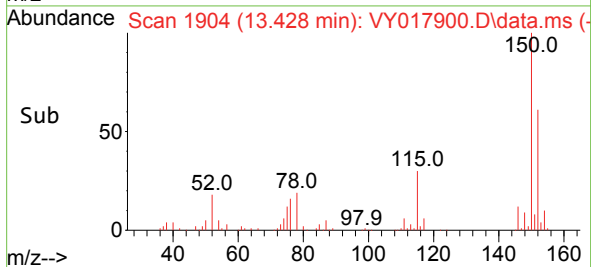
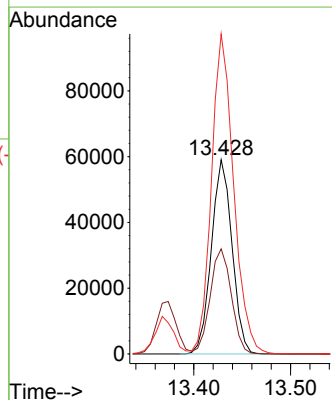
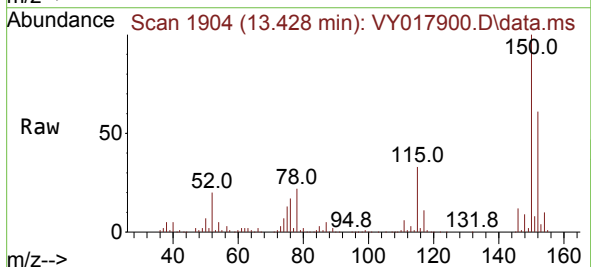
Tgt Ion:152 Resp: 87784

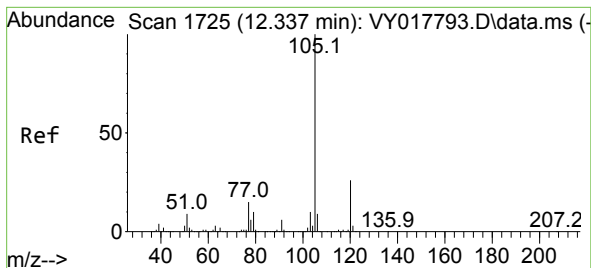
Ion Ratio Lower Upper

152 100

115 55.4 28.2 84.7

150 177.1 0.0 345.6





#73

Isopropylbenzene

Concen: 53.331 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017900.D

Acq: 11 Apr 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :

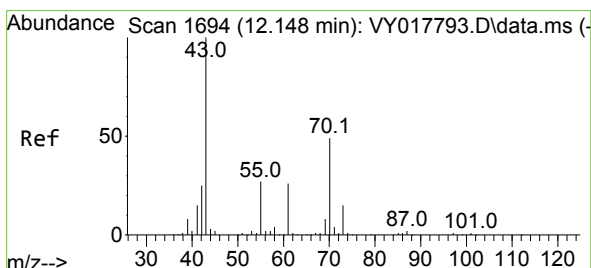
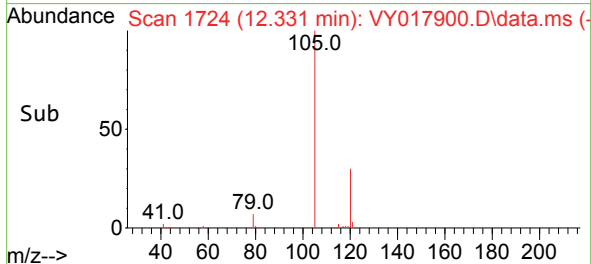
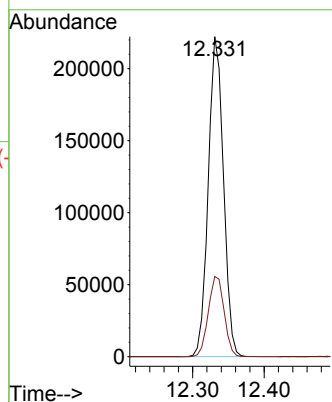
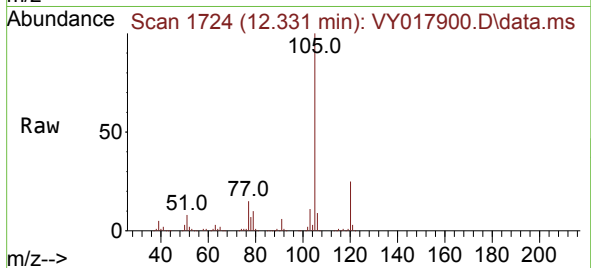
VSTDCCC050

Tgt Ion:105 Resp: 328084

Ion Ratio Lower Upper

105 100

120 26.1 13.4 40.1



#74

N-amy1 acetate

Concen: 53.465 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.000 min

Lab File: VY017900.D

Acq: 11 Apr 2024 10:18

Tgt Ion: 43 Resp: 62857

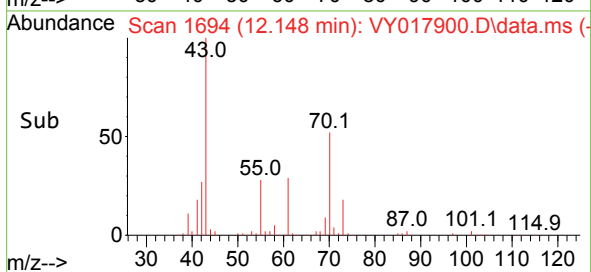
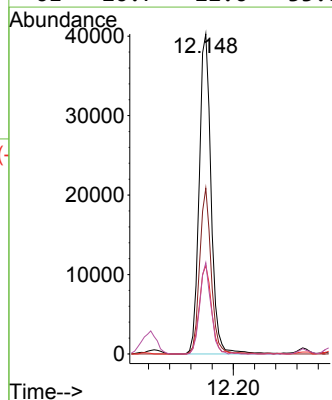
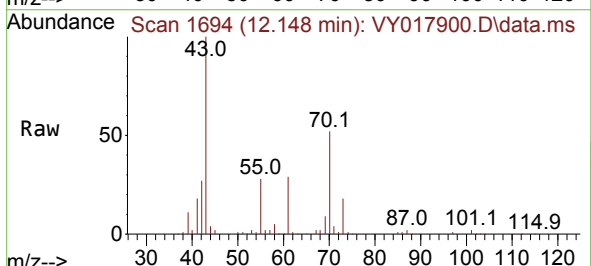
Ion Ratio Lower Upper

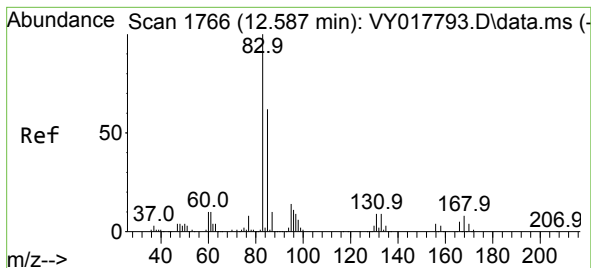
43 100

70 49.8 41.4 62.2

55 28.4 23.3 34.9

61 26.7 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 52.199 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY017900.D

Acq: 11 Apr 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

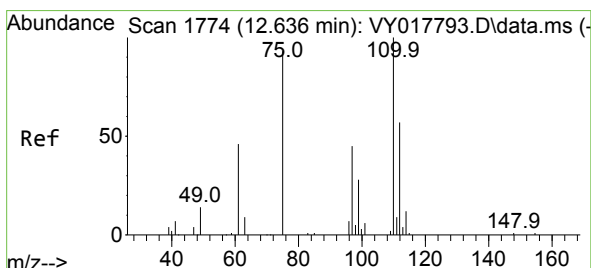
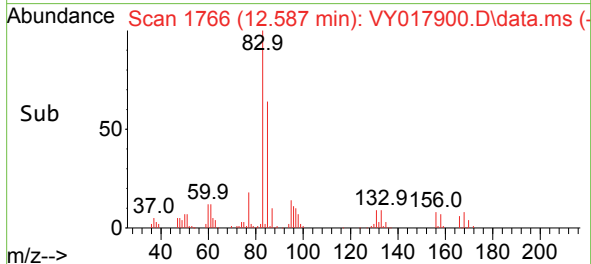
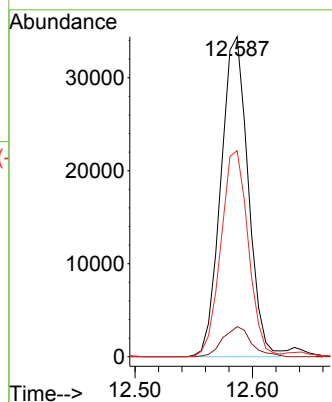
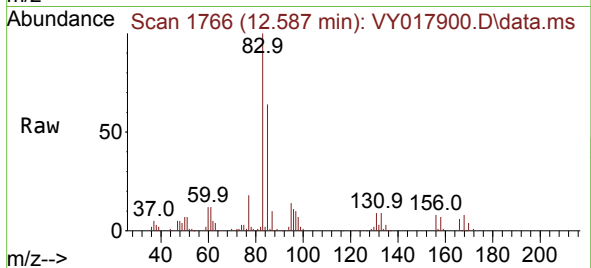
Tgt Ion: 83 Resp: 55549

Ion Ratio Lower Upper

83 100

131 9.8 5.0 14.9

85 64.7 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 92.590 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY017900.D

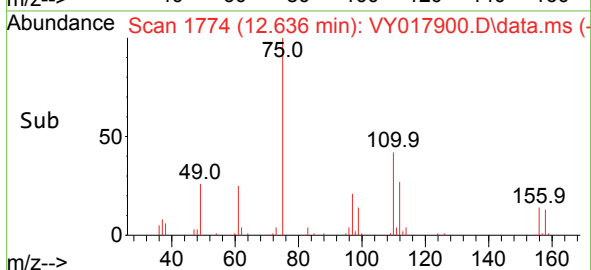
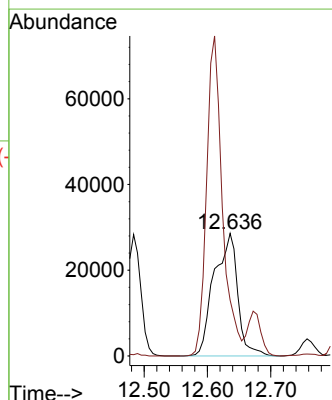
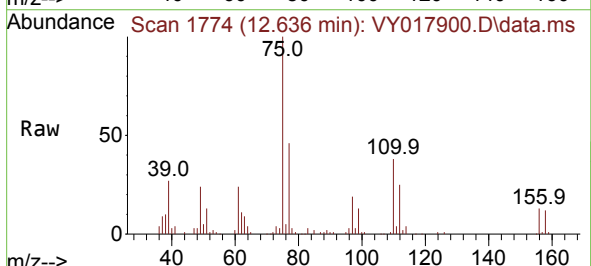
Acq: 11 Apr 2024 10:18

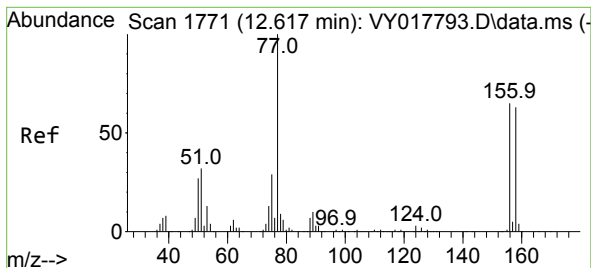
Tgt Ion: 75 Resp: 74066

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.023 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.006 min

Lab File: VY017900.D

Acq: 11 Apr 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

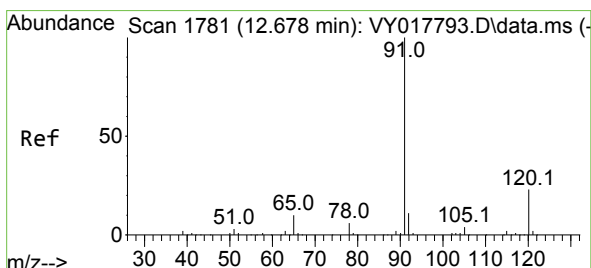
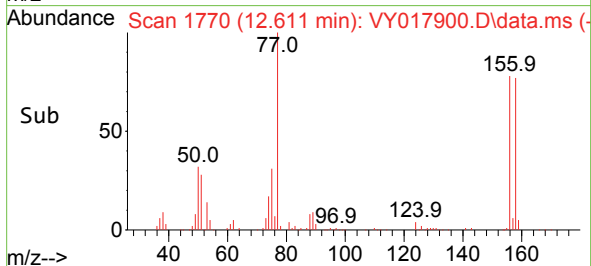
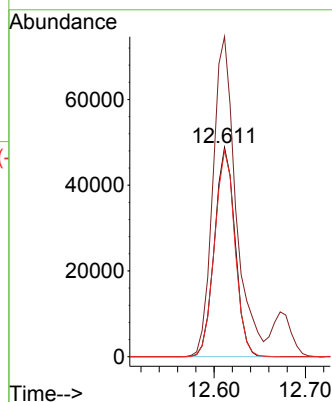
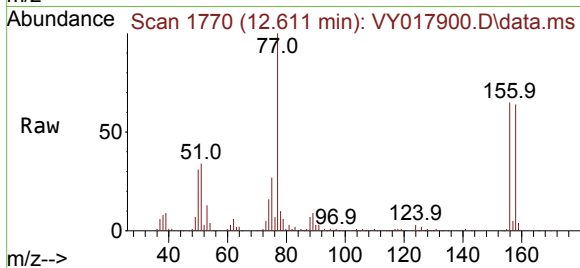
Tgt Ion:156 Resp: 76222

Ion Ratio Lower Upper

156 100

77 170.7 87.1 261.3

158 98.1 48.6 145.9



#78

n-propylbenzene

Concen: 52.714 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.006 min

Lab File: VY017900.D

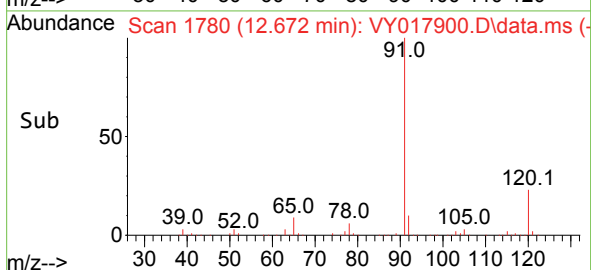
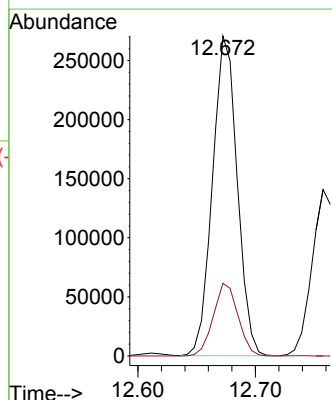
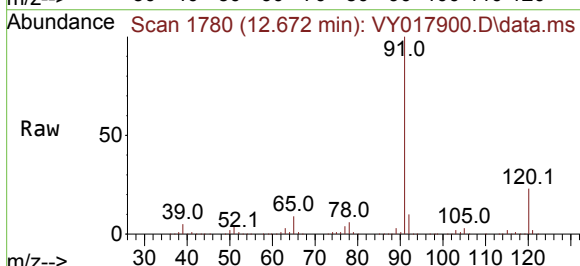
Acq: 11 Apr 2024 10:18

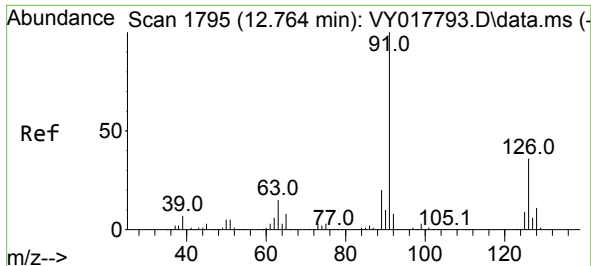
Tgt Ion: 91 Resp: 395700

Ion Ratio Lower Upper

91 100

120 22.7 11.5 34.4

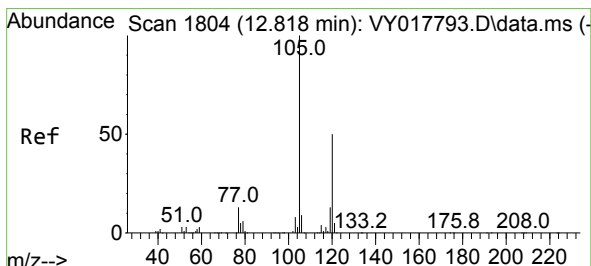
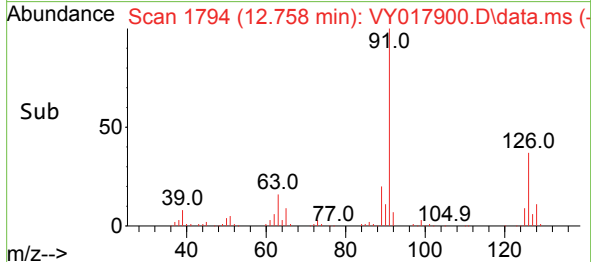
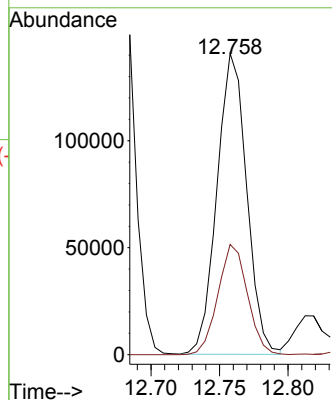
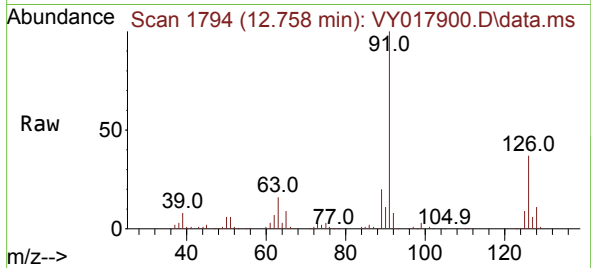




#79
2-Chlorotoluene
Concen: 51.673 ug/l
RT: 12.758 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017900.D
Acq: 11 Apr 2024 10:18

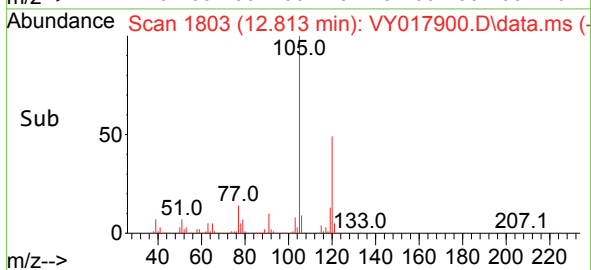
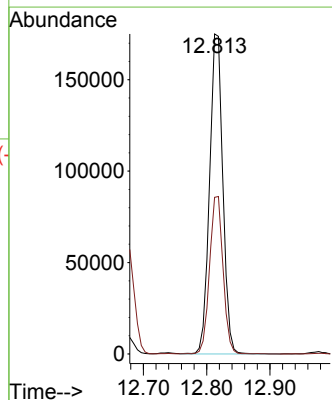
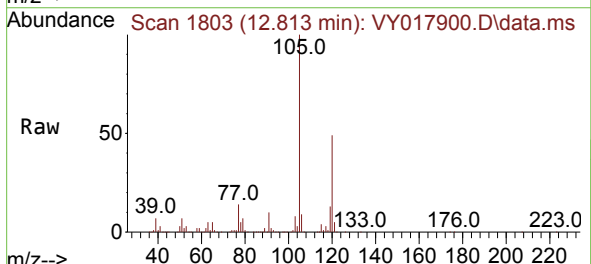
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

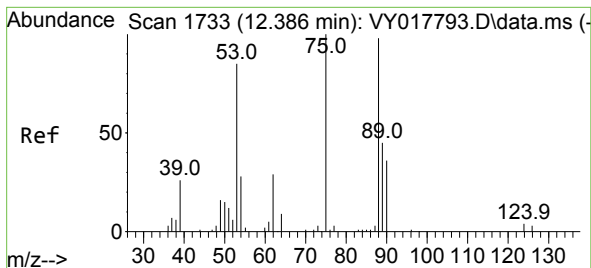
Tgt Ion: 91 Resp: 212465
Ion Ratio Lower Upper
91 100
126 36.3 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 53.265 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VY017900.D
Acq: 11 Apr 2024 10:18

Tgt Ion: 105 Resp: 255729
Ion Ratio Lower Upper
105 100
120 50.1 25.1 75.2

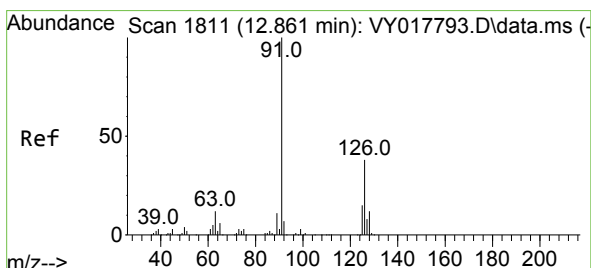
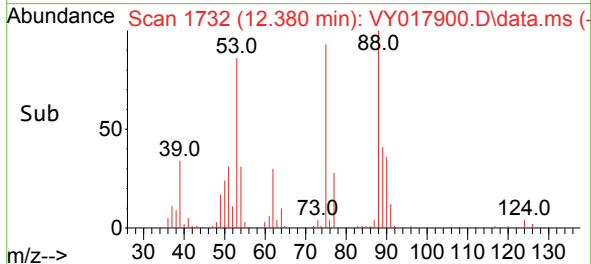
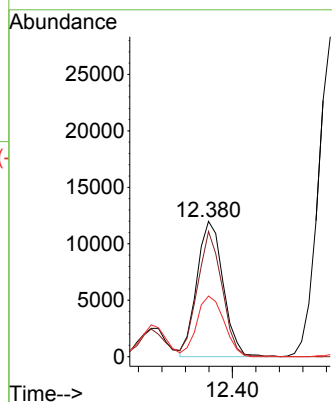
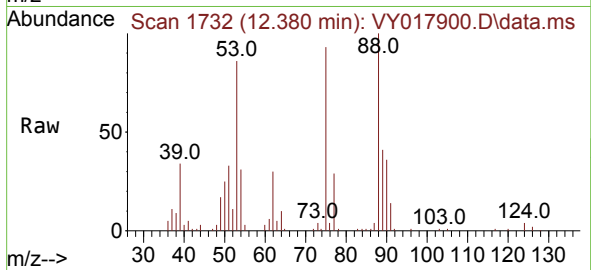




#81
trans-1,4-Dichloro-2-butene
Concen: 53.632 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017900.D
Acq: 11 Apr 2024 10:18

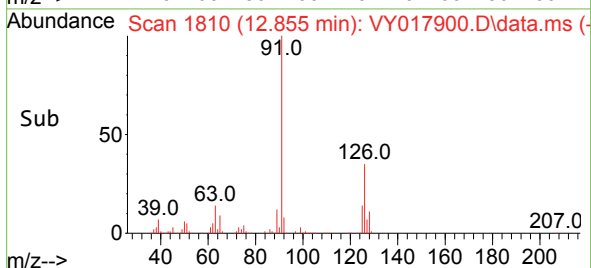
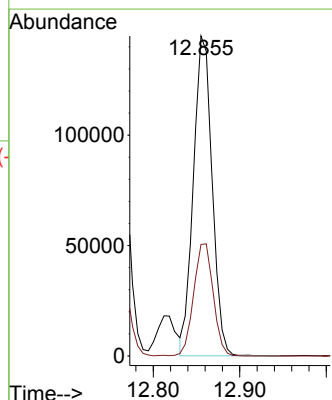
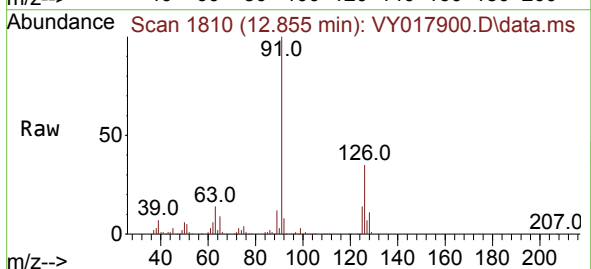
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

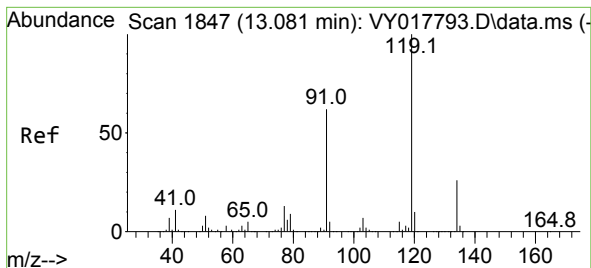
Tgt Ion: 75 Resp: 18625
Ion Ratio Lower Upper
75 100
53 86.6 66.8 100.2
89 46.4 35.8 53.6



#82
4-Chlorotoluene
Concen: 51.045 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VY017900.D
Acq: 11 Apr 2024 10:18

Tgt Ion: 91 Resp: 217326
Ion Ratio Lower Upper
91 100
126 36.7 17.6 52.9





#83

tert-Butylbenzene

Concen: 53.391 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.006 min

Lab File: VY017900.D

Acq: 11 Apr 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

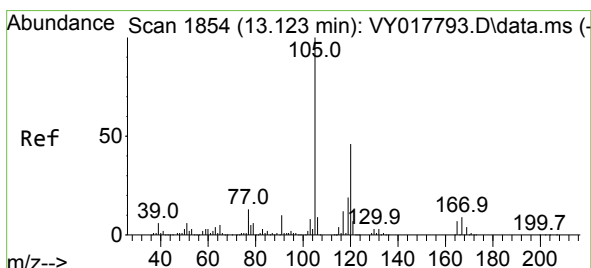
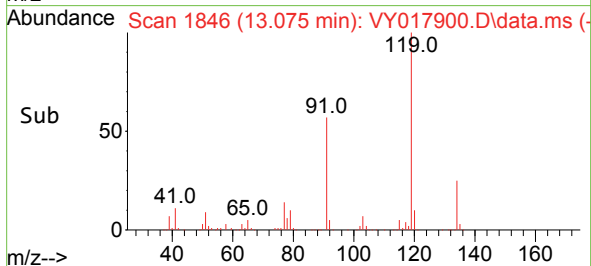
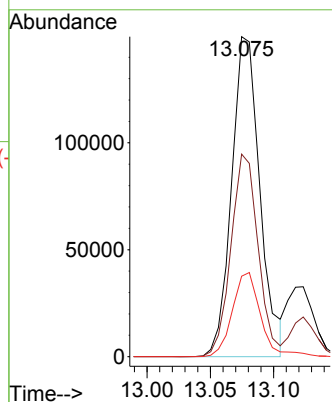
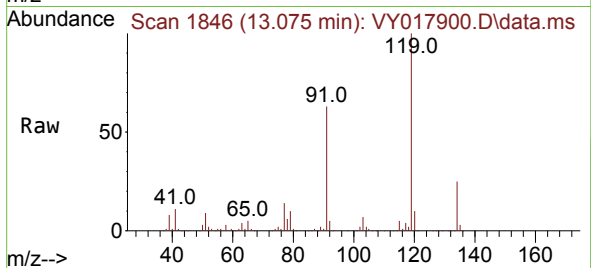
Tgt Ion:119 Resp: 233052

Ion Ratio Lower Upper

119 100

91 61.0 31.3 93.8

134 26.3 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 52.579 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY017900.D

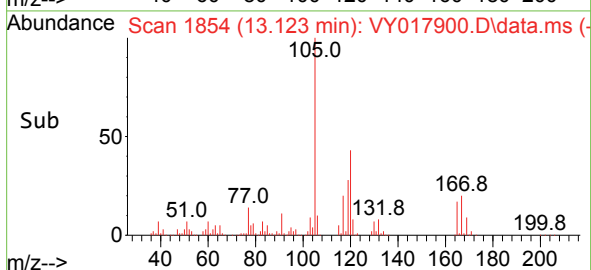
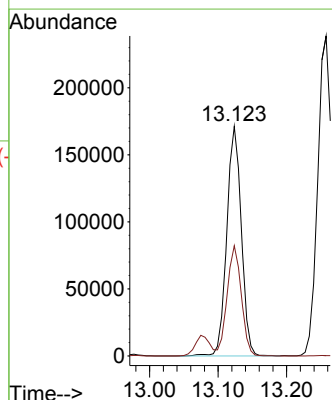
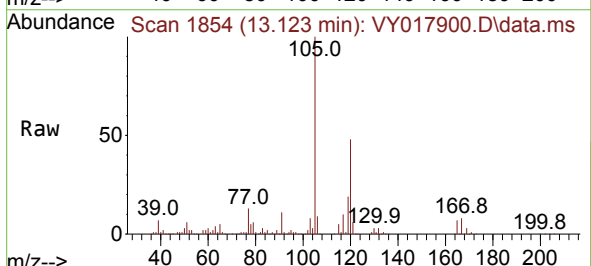
Acq: 11 Apr 2024 10:18

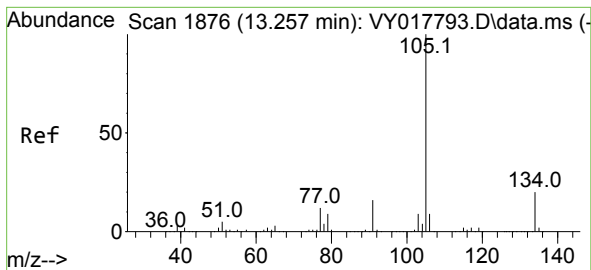
Tgt Ion:105 Resp: 251413

Ion Ratio Lower Upper

105 100

120 46.4 23.2 69.6





#85

sec-Butylbenzene

Concen: 53.706 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY017900.D

Acq: 11 Apr 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :

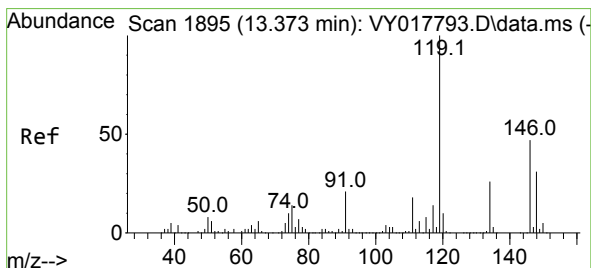
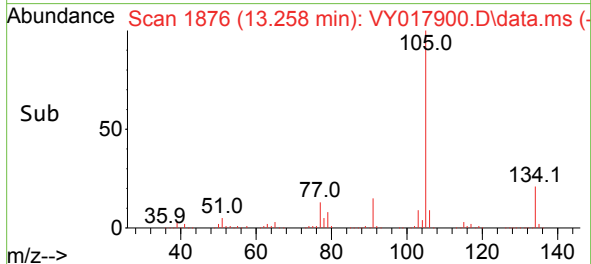
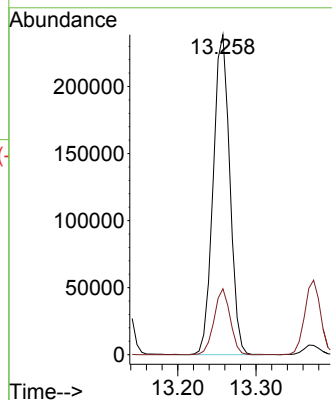
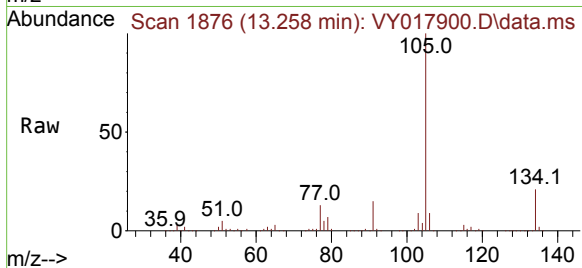
VSTDCCC050

Tgt Ion:105 Resp: 351854

Ion Ratio Lower Upper

105 100

134 19.9 10.1 30.1



#86

p-Isopropyltoluene

Concen: 52.886 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017900.D

Acq: 11 Apr 2024 10:18

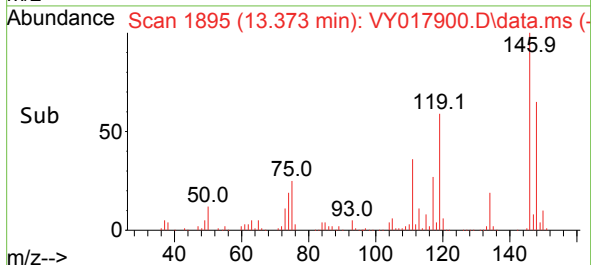
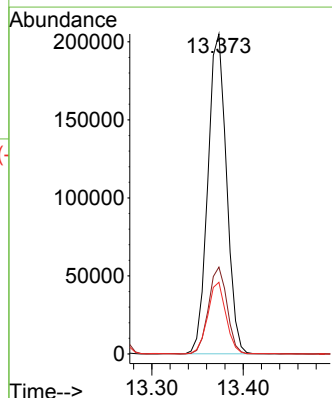
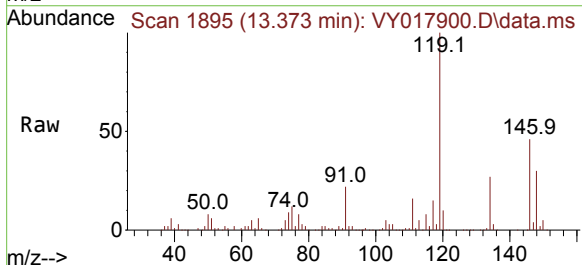
Tgt Ion:119 Resp: 289613

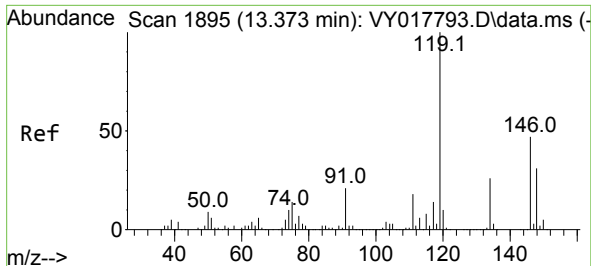
Ion Ratio Lower Upper

119 100

134 27.0 13.1 39.3

91 21.9 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 52.292 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017900.D

Acq: 11 Apr 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

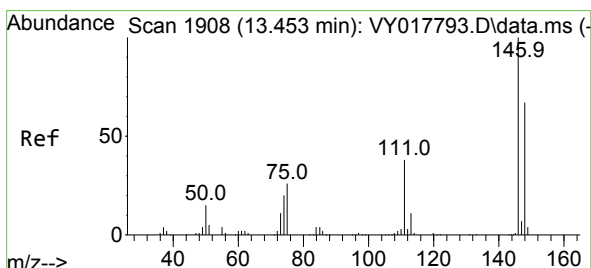
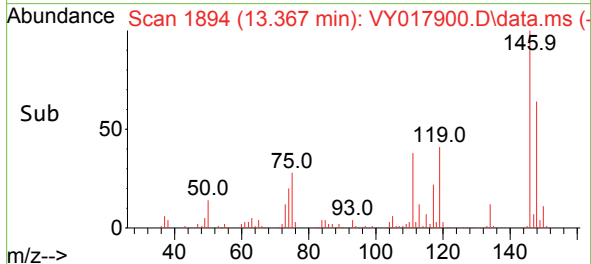
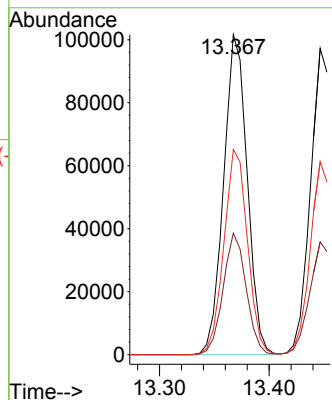
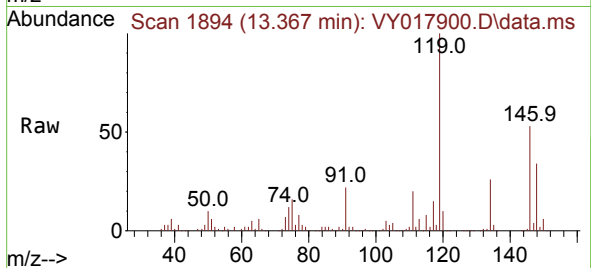
Tgt Ion:146 Resp: 152028

Ion Ratio Lower Upper

146 100

111 37.1 19.0 57.0

148 64.2 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 52.349 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY017900.D

Acq: 11 Apr 2024 10:18

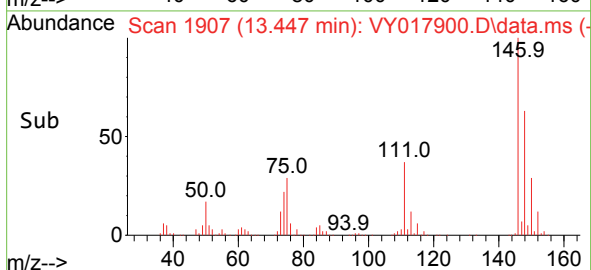
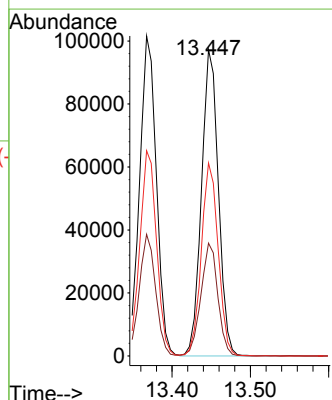
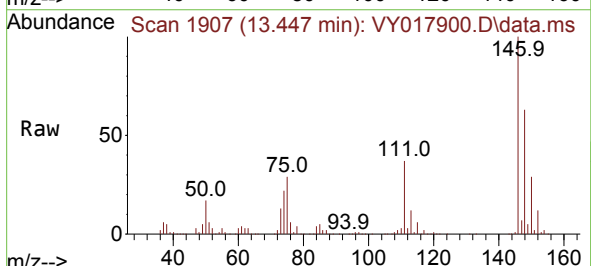
Tgt Ion:146 Resp: 145673

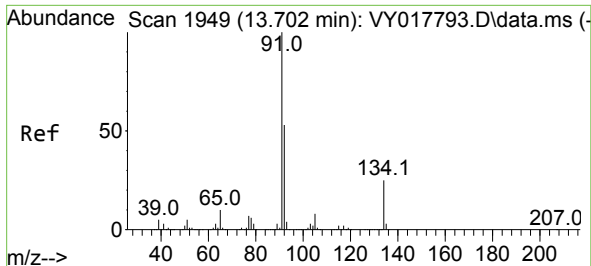
Ion Ratio Lower Upper

146 100

111 37.0 18.4 55.4

148 62.9 32.4 97.2

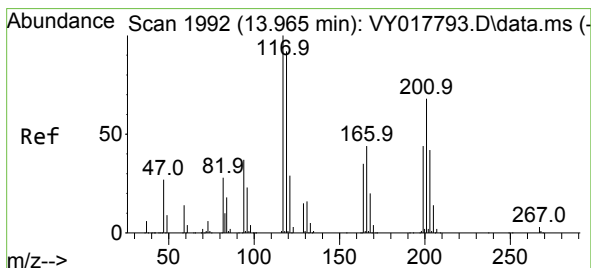
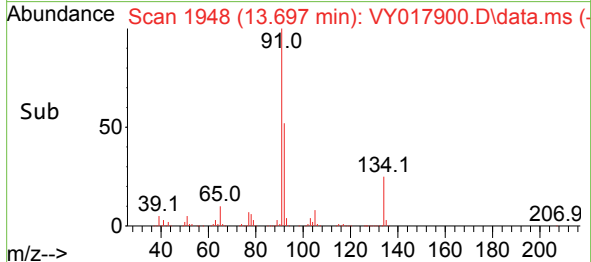
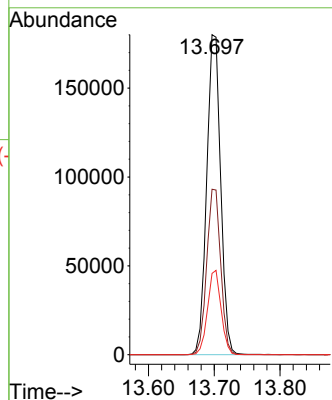
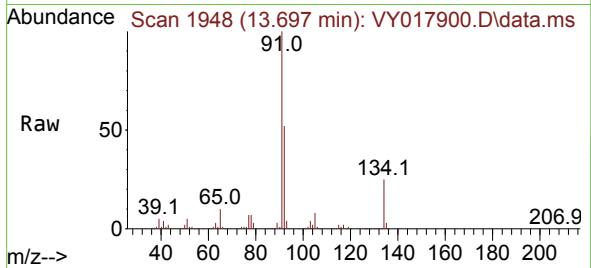




#89
n-Butylbenzene
Concen: 52.727 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY017900.D
Acq: 11 Apr 2024 10:18

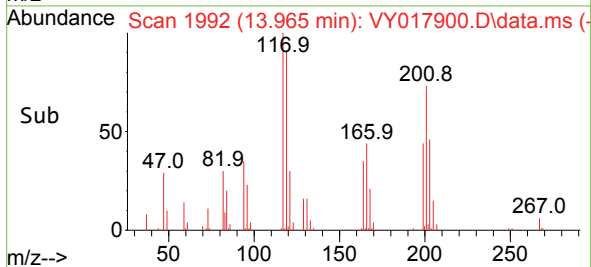
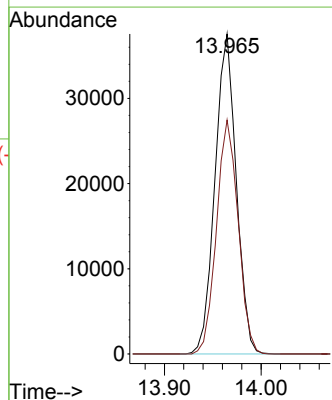
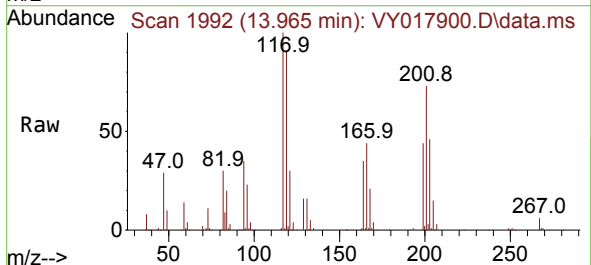
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

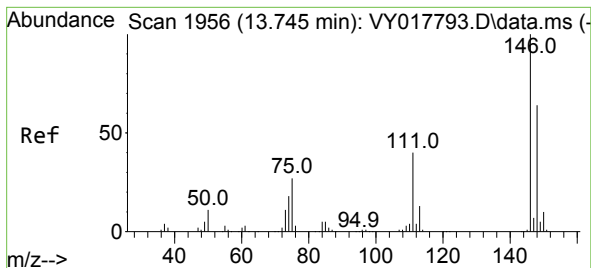
Tgt Ion: 91 Resp: 265654
Ion Ratio Lower Upper
91 100
92 51.9 26.6 79.7
134 25.6 12.9 38.7



#90
Hexachloroethane
Concen: 52.751 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.000 min
Lab File: VY017900.D
Acq: 11 Apr 2024 10:18

Tgt Ion: 117 Resp: 57442
Ion Ratio Lower Upper
117 100
201 74.3 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 53.271 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.006 min

Lab File: VY017900.D

Acq: 11 Apr 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

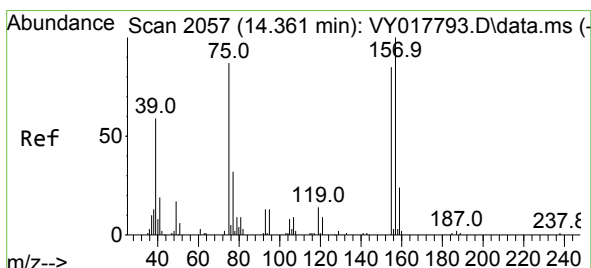
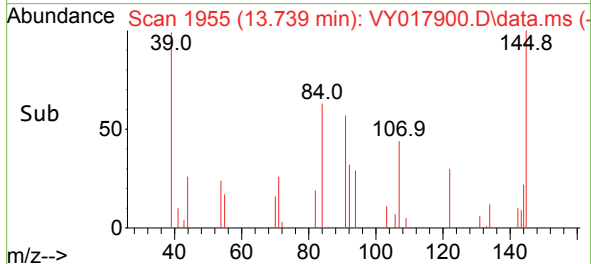
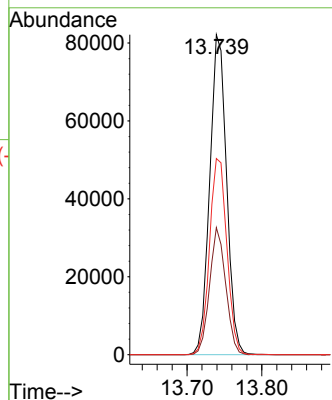
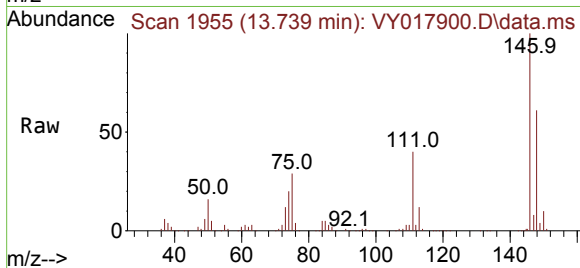
Tgt Ion:146 Resp: 128377

Ion Ratio Lower Upper

146 100

111 38.1 19.9 59.7

148 63.1 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.590 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VY017900.D

Acq: 11 Apr 2024 10:18

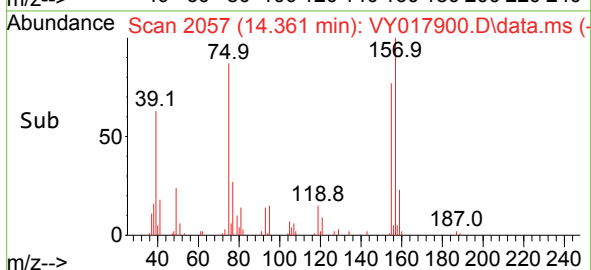
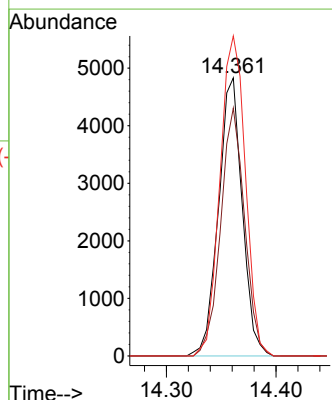
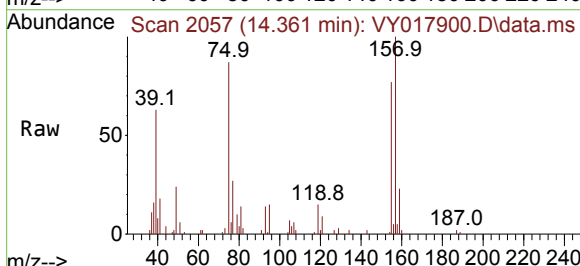
Tgt Ion: 75 Resp: 7275

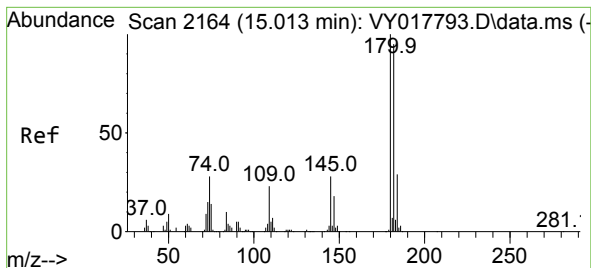
Ion Ratio Lower Upper

75 100

155 89.5 48.6 145.8

157 122.9 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 51.103 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY017900.D

Acq: 11 Apr 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

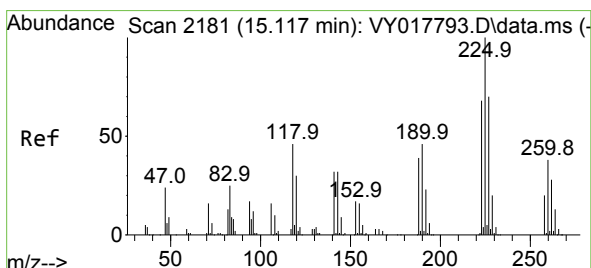
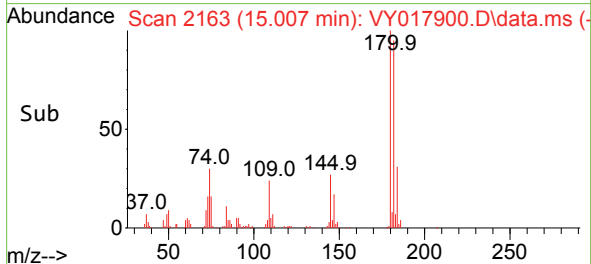
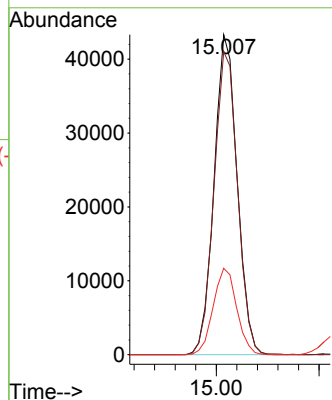
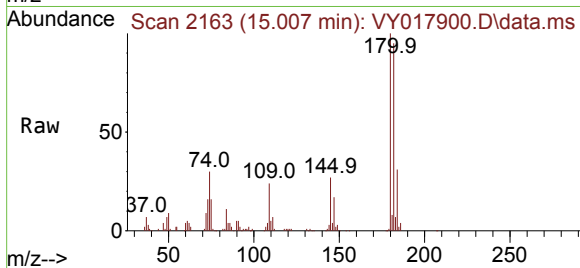
Tgt Ion:180 Resp: 67454

Ion Ratio Lower Upper

180 100

182 96.7 47.9 143.8

145 27.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 50.018 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY017900.D

Acq: 11 Apr 2024 10:18

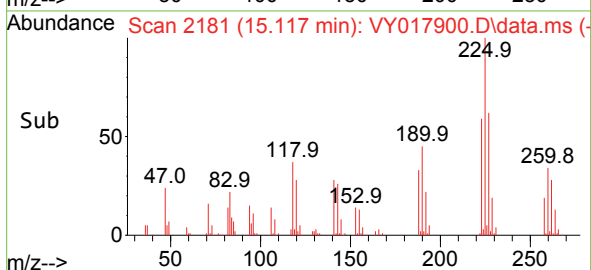
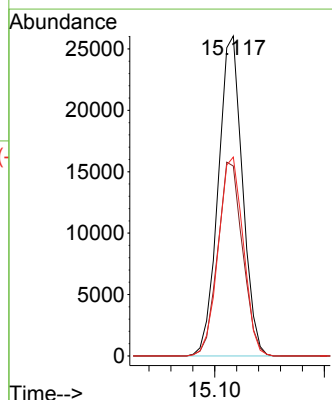
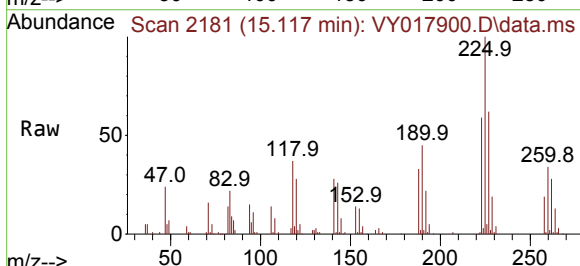
Tgt Ion:225 Resp: 40023

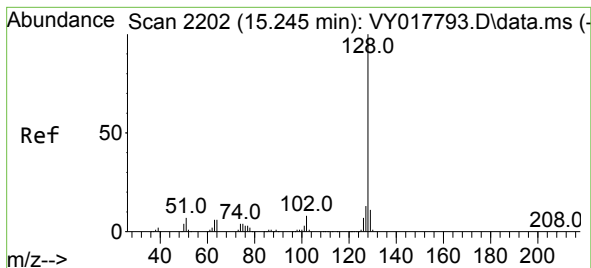
Ion Ratio Lower Upper

225 100

223 62.3 30.4 91.2

227 64.0 31.9 95.9





#95

Naphthalene

Concen: 53.372 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY017900.D

Acq: 11 Apr 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

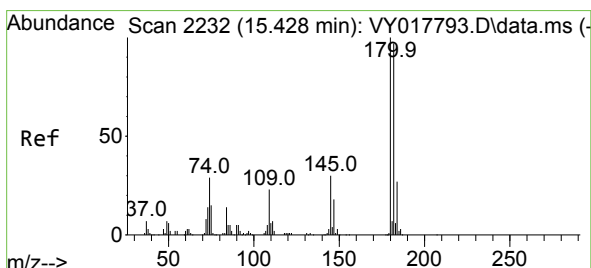
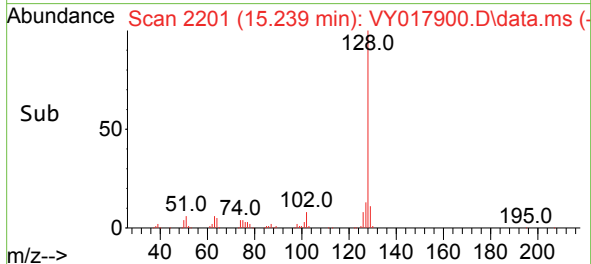
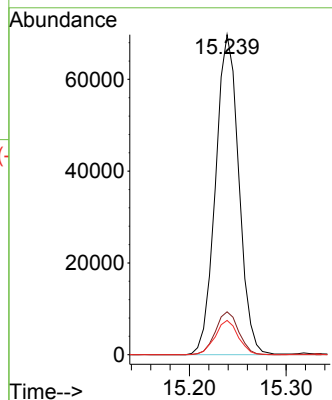
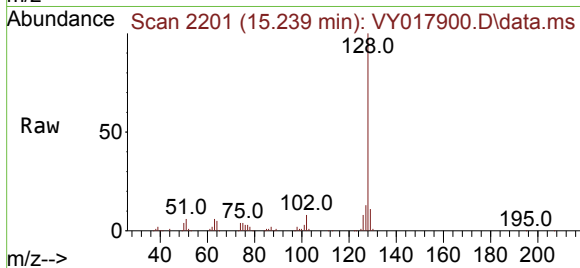
Tgt Ion:128 Resp: 116468

Ion Ratio Lower Upper

128 100

127 13.4 10.6 16.0

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 51.207 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY017900.D

Acq: 11 Apr 2024 10:18

Tgt Ion:180 Resp: 57095

Ion Ratio Lower Upper

180 100

182 93.7 47.6 142.9

145 29.0 15.4 46.1

