

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011924\
 Data File : VY017043.D
 Acq On : 19 Jan 2024 09:29
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 19 22:16:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.819	168	147446	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.721	114	244196	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.520	117	209734	50.000	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.452	152	92055	50.000	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	68281	46.854	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.700%
35) Dibromofluoromethane	7.752	113	74386	47.803	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.600%
50) Toluene-d8	10.209	98	249127	46.492	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.980%
62) 4-Bromofluorobenzene	12.507	95	87777	48.552	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.100%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	61769	56.422	ug/l	94
3) Chloromethane	2.131	50	94299	54.443	ug/l	99
4) Vinyl Chloride	2.271	62	111566	54.607	ug/l	99
5) Bromomethane	2.674	94	80158	54.766	ug/l	96
6) Chloroethane	2.820	64	71901	52.026	ug/l	99
7) Trichlorofluoromethane	3.155	101	125601	49.894	ug/l	100
8) Diethyl Ether	3.558	74	41955	52.151	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.936	101	78606	48.024	ug/l	99
10) Methyl Iodide	4.125	142	78930	56.683	ug/l	99
11) Tert butyl alcohol	4.990	59	27326	258.945	ug/l	100
12) 1,1-Dichloroethene	3.905	96	73013	51.990	ug/l	98
13) Acrolein	3.759	56	30868	192.425	ug/l	98
14) Allyl chloride	4.521	41	111450	50.199	ug/l	98
15) Acrylonitrile	5.204	53	94645	251.516	ug/l	100
16) Acetone	3.978	43	110210	312.923	ug/l	97
17) Carbon Disulfide	4.228	76	221695	66.067	ug/l	99
18) Methyl Acetate	4.515	43	91915	58.871	ug/l	100
19) Methyl tert-butyl Ether	5.259	73	184429	50.478	ug/l	98
20) Methylene Chloride	4.759	84	83652	43.234	ug/l	99
21) trans-1,2-Dichloroethene	5.259	96	86895	54.025	ug/l	99
22) Diisopropyl ether	6.155	45	251302	48.960	ug/l	99
23) Vinyl Acetate	6.100	43	580636	246.713	ug/l	99
24) 1,1-Dichloroethane	6.057	63	148120	48.022	ug/l	99
25) 2-Butanone	7.020	43	138674	280.011	ug/l	99
26) 2,2-Dichloropropane	7.020	77	124949	46.721	ug/l	100
27) cis-1,2-Dichloroethene	7.020	96	95541	50.673	ug/l	98
28) Bromochloromethane	7.368	49	64870	56.021	ug/l	97
29) Tetrahydrofuran	7.380	42	78515	266.196	ug/l	99
30) Chloroform	7.539	83	150364	47.306	ug/l	98
31) Cyclohexane	7.819	56	133008	53.178	ug/l	96
32) 1,1,1-Trichloroethane	7.734	97	130682	48.489	ug/l	100
36) 1,1-Dichloropropene	7.953	75	118742	52.360	ug/l	99
37) Ethyl Acetate	7.106	43	53156	51.579	ug/l	99
38) Carbon Tetrachloride	7.935	117	116844	50.712	ug/l	98
39) Methylcyclohexane	9.215	83	150394	58.991	ug/l	96
40) Benzene	8.191	78	345494	50.786	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	29395	54.157	ug/l	96
42) 1,2-Dichloroethane	8.270	62	90390	50.049	ug/l	100
43) Isopropyl Acetate	8.301	43	98072	49.693	ug/l	99
44) Trichloroethene	8.971	130	88309	51.014	ug/l	95
45) 1,2-Dichloropropane	9.246	63	84808	48.390	ug/l	97
46) Dibromomethane	9.331	93	45559	50.970	ug/l	100
47) Bromodichloromethane	9.526	83	114585	47.739	ug/l	98
48) Methyl methacrylate	9.319	41	57524	54.009	ug/l	99
49) 1,4-Dioxane	9.325	88	9926	1072.509	ug/l	100
51) 4-Methyl-2-Pentanone	10.093	43	276734	263.665	ug/l	100
52) Toluene	10.270	92	212655	51.796	ug/l	100
53) t-1,3-Dichloropropene	10.489	75	109483	50.924	ug/l	98
54) cis-1,3-Dichloropropene	9.953	75	130782	50.653	ug/l	98
55) 1,1,2-Trichloroethane	10.672	97	63747	48.818	ug/l	97
56) Ethyl methacrylate	10.538	69	60231	54.457	ug/l	100
57) 1,3-Dichloropropane	10.812	76	109808	50.366	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.807	63	171435	246.577	ug/l	100
59) 2-Hexanone	10.855	43	205494	265.898	ug/l	99
60) Dibromochloromethane	11.008	129	74289	49.332	ug/l	99
61) 1,2-Dibromoethane	11.117	107	59010	52.012	ug/l	99
64) Tetrachloroethene	10.745	164	70635	51.947	ug/l	96
65) Chlorobenzene	11.544	112	219192	50.168	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.617	131	80172	48.271	ug/l	98
67) Ethyl Benzene	11.617	91	404503	51.425	ug/l	99
68) m/p-Xylenes	11.727	106	305936	105.960	ug/l	99
69) o-Xylene	12.056	106	139989	51.718	ug/l	99
70) Styrene	12.068	104	205751	52.228	ug/l	99
71) Bromoform	12.233	173	41954	51.311	ug/l #	100
73) Isopropylbenzene	12.355	105	379205	50.445	ug/l	100
74) N-amyl acetate	12.166	43	77468	51.292	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.605	83	73862	48.223	ug/l	98
76) 1,2,3-Trichloropropane	12.660	75	87927	88.018	ug/l #	100
77) Bromobenzene	12.635	156	82005	49.547	ug/l	99
78) n-propylbenzene	12.696	91	464435	50.820	ug/l	100
79) 2-Chlorotoluene	12.782	91	249766	49.286	ug/l	100
80) 1,3,5-Trimethylbenzene	12.836	105	302317	50.850	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.404	75	22016	50.045	ug/l	98
82) 4-Chlorotoluene	12.879	91	257675	49.770	ug/l	99
83) tert-Butylbenzene	13.099	119	263475	50.315	ug/l	98
84) 1,2,4-Trimethylbenzene	13.141	105	300836	51.382	ug/l	99
85) sec-Butylbenzene	13.275	105	390976	50.390	ug/l	99
86) p-Isopropyltoluene	13.391	119	329261	51.418	ug/l	99
87) 1,3-Dichlorobenzene	13.391	146	159513	49.142	ug/l	99
88) 1,4-Dichlorobenzene	13.470	146	155479	48.973	ug/l	99
89) n-Butylbenzene	13.720	91	317258	51.529	ug/l	99
90) Hexachloroethane	13.983	117	65417	47.541	ug/l	99
91) 1,2-Dichlorobenzene	13.763	146	136563	48.683	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.379	75	8713	45.364	ug/l	93
93) 1,2,4-Trichlorobenzene	15.031	180	72838	52.290	ug/l	98
94) Hexachlorobutadiene	15.135	225	42263	48.432	ug/l	99
95) Naphthalene	15.263	128	136037	53.155	ug/l	99
96) 1,2,3-Trichlorobenzene	15.452	180	61319	51.844	ug/l	99

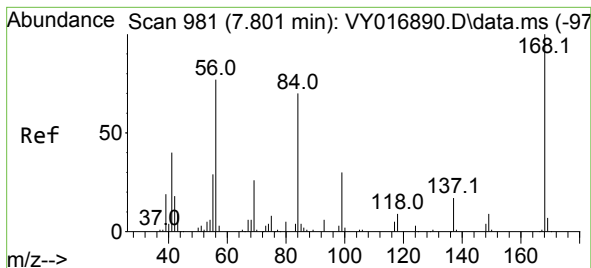
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Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.819 min Scan# 9

Delta R.T. 0.018 min

Lab File: VY017043.D

Acq: 19 Jan 2024 09:29

Instrument :

MSVOA_Y

ClientSampleId :

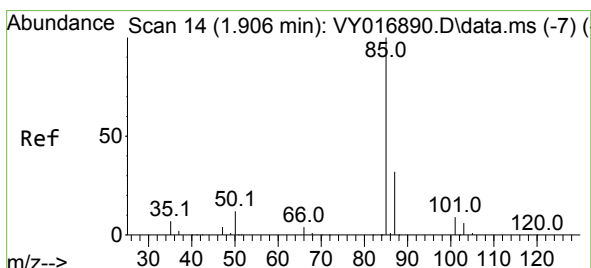
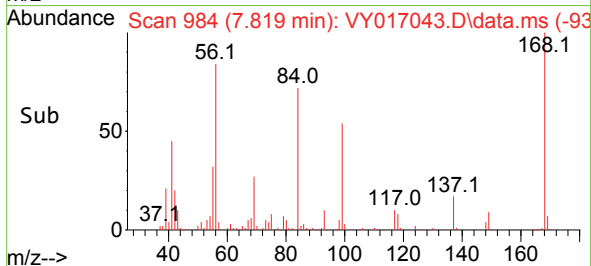
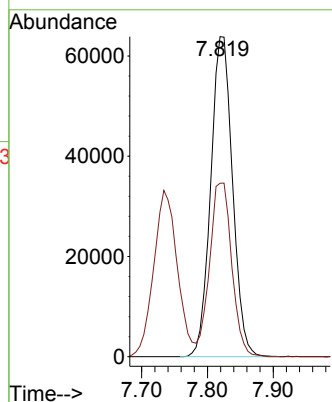
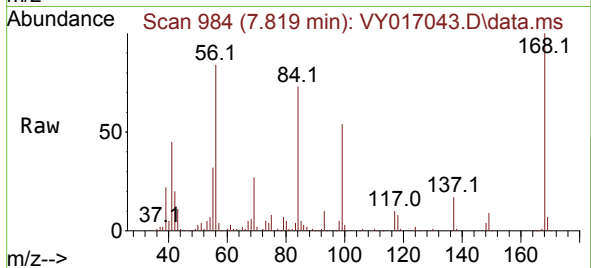
VSTDCCC050

Tgt Ion:168 Resp: 147446

Ion Ratio Lower Upper

168 100

99 54.2 44.2 66.4



#2

Dichlorodifluoromethane

Concen: 56.422 ug/l

RT: 1.918 min Scan# 16

Delta R.T. 0.006 min

Lab File: VY017043.D

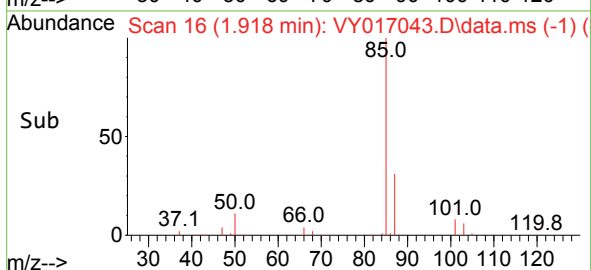
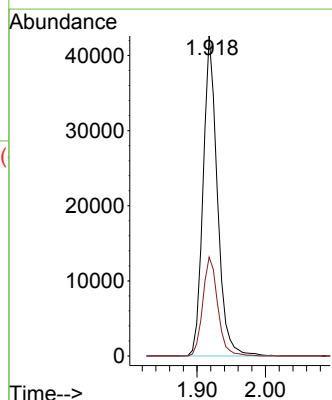
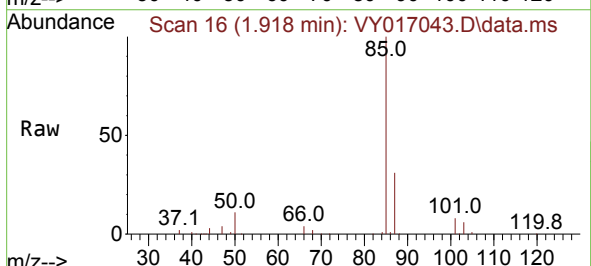
Acq: 19 Jan 2024 09:29

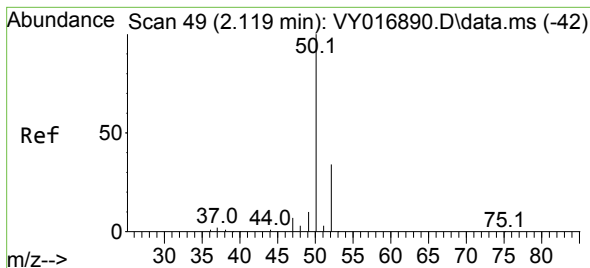
Tgt Ion: 85 Resp: 61769

Ion Ratio Lower Upper

85 100

87 30.9 17.1 51.3





#3

Chloromethane

Concen: 54.443 ug/l

RT: 2.131 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY017043.D

Acq: 19 Jan 2024 09:29

Instrument :

MSVOA_Y

ClientSampleId :

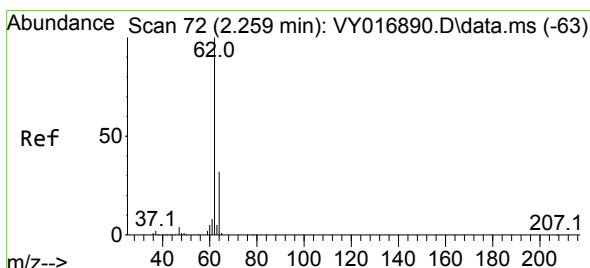
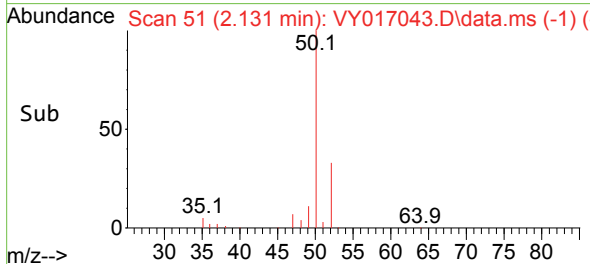
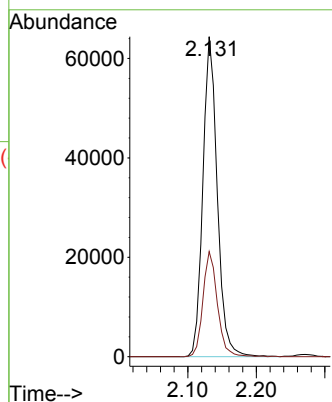
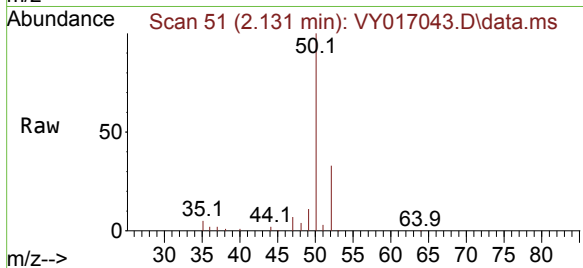
VSTDCCC050

Tgt Ion: 50 Resp: 94299

Ion Ratio Lower Upper

50 100

52 32.8 26.7 40.1



#4

Vinyl Chloride

Concen: 54.607 ug/l

RT: 2.271 min Scan# 74

Delta R.T. 0.012 min

Lab File: VY017043.D

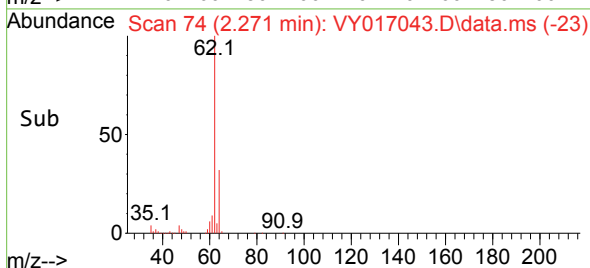
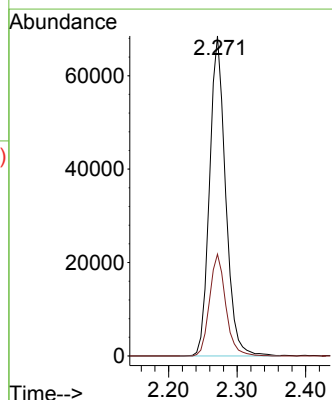
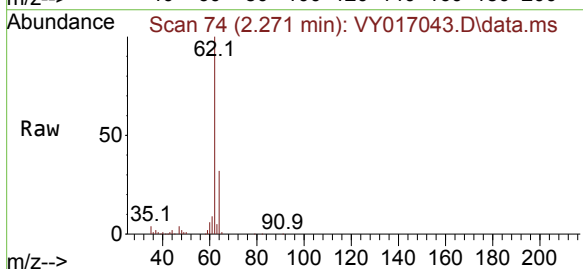
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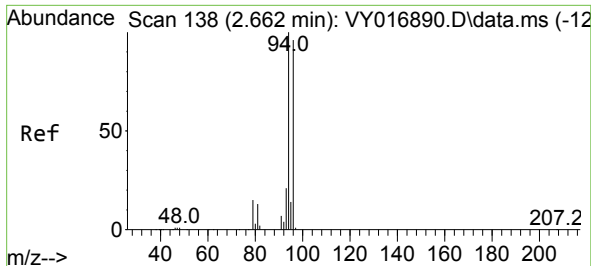
Tgt Ion: 62 Resp: 111566

Ion Ratio Lower Upper

62 100

64 31.8 25.7 38.5





#5

Bromomethane

Concen: 54.766 ug/l

RT: 2.674 min Scan# 14

Delta R.T. 0.012 min

Lab File: VY017043.D

Acq: 19 Jan 2024 09:29

Instrument :

MSVOA_Y

ClientSampleId :

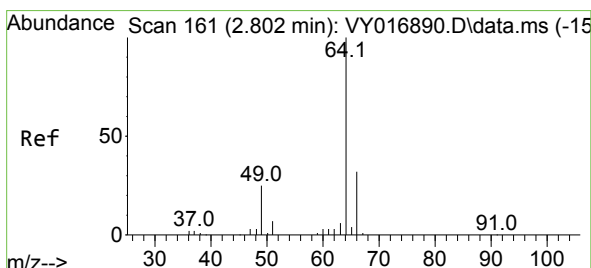
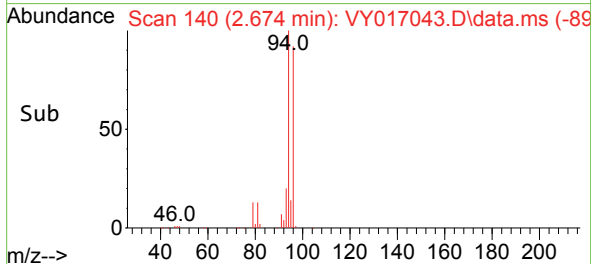
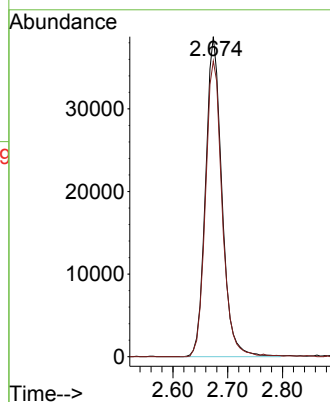
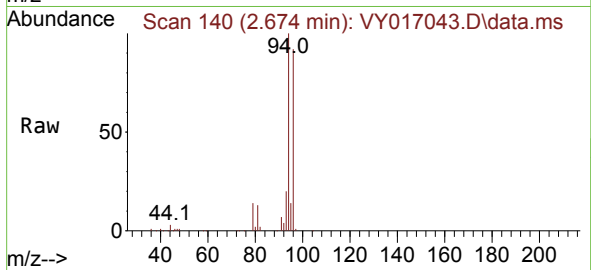
VSTDCCC050

Tgt Ion: 94 Resp: 80158

Ion Ratio Lower Upper

94 100

96 92.4 77.3 115.9



#6

Chloroethane

Concen: 52.026 ug/l

RT: 2.820 min Scan# 164

Delta R.T. 0.012 min

Lab File: VY017043.D

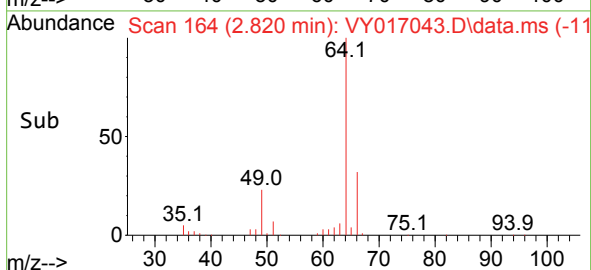
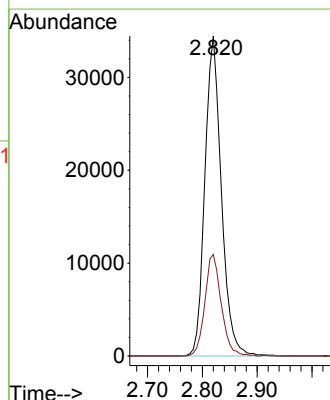
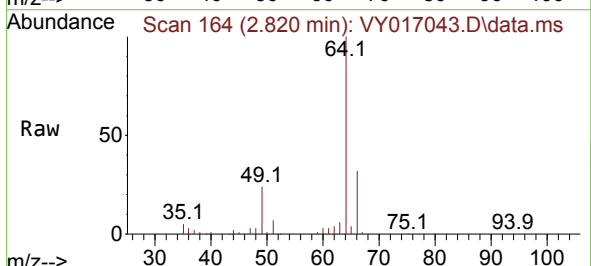
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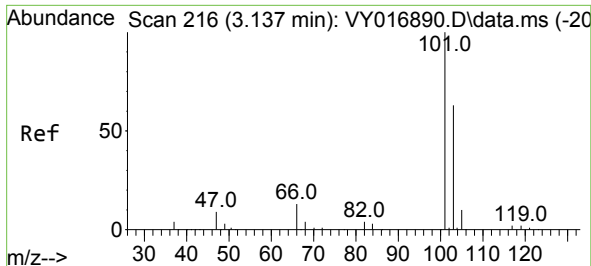
Tgt Ion: 64 Resp: 71901

Ion Ratio Lower Upper

64 100

66 31.7 25.1 37.7

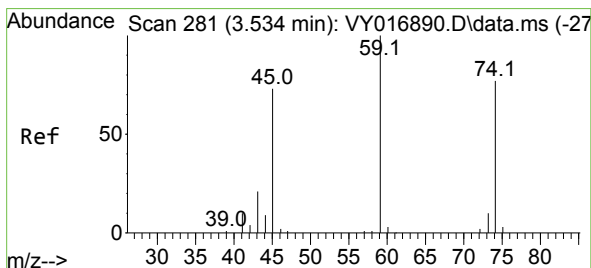
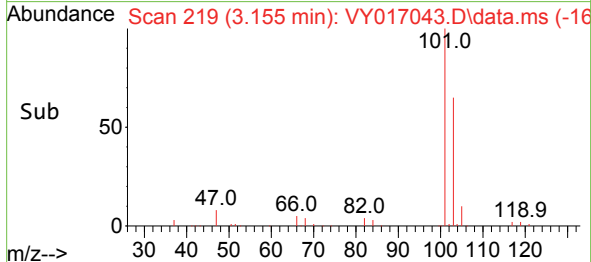
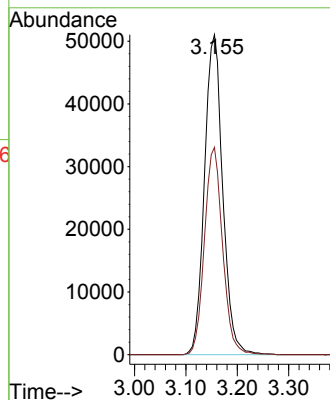
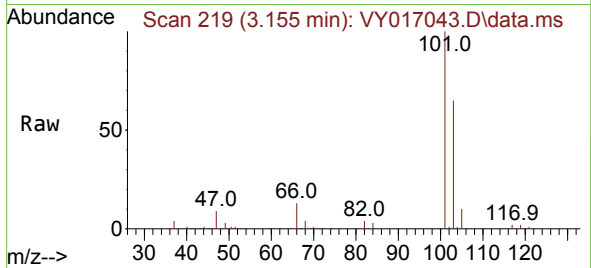




#7
 Trichlorofluoromethane
 Concen: 49.894 ug/l
 RT: 3.155 min Scan# 216
 Delta R.T. 0.018 min
 Lab File: VY017043.D
 Acq: 19 Jan 2024 09:29

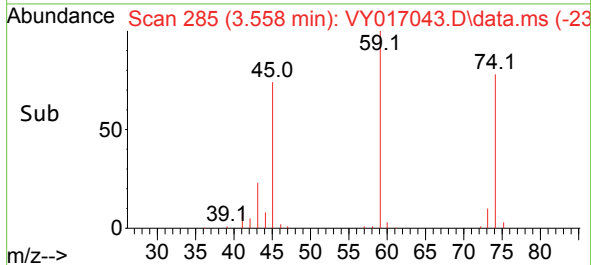
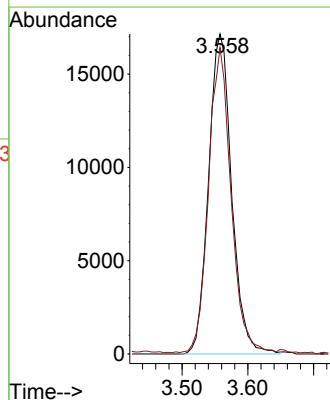
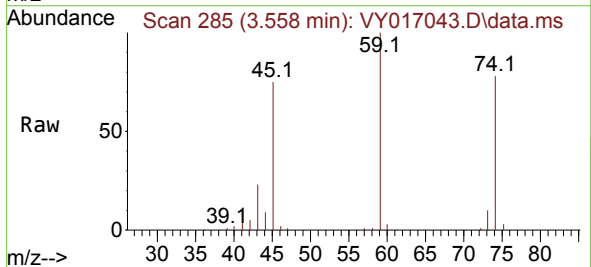
Instrument :
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 ClientSampleId :
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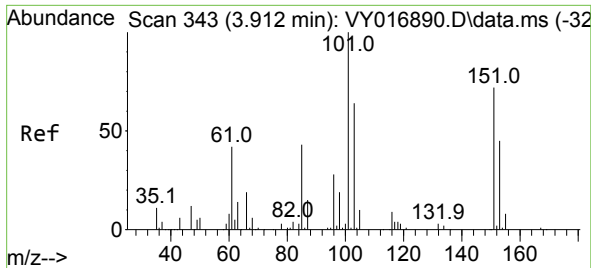
Tgt Ion:101 Resp: 125601
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.9 77.9



#8
 Diethyl Ether
 Concen: 52.151 ug/l
 RT: 3.558 min Scan# 285
 Delta R.T. 0.018 min
 Lab File: VY017043.D
 Acq: 19 Jan 2024 09:29

Tgt Ion: 74 Resp: 41955
 Ion Ratio Lower Upper
 74 100
 45 92.3 47.9 143.7

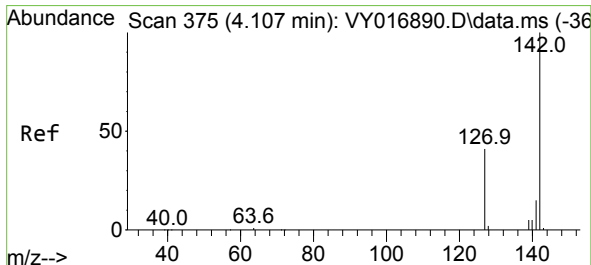
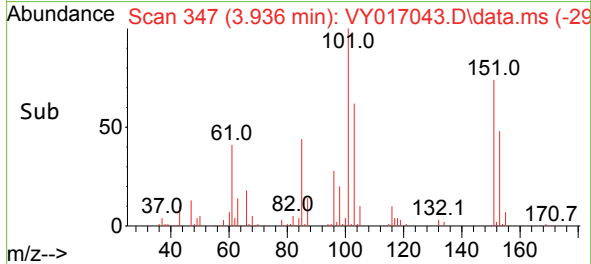
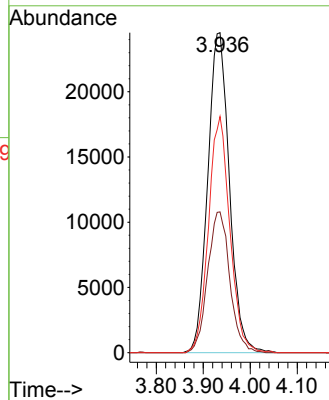
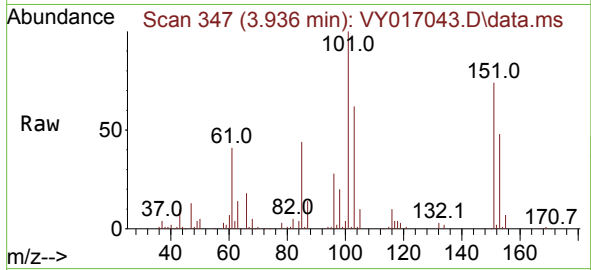




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.024 ug/l
RT: 3.936 min Scan# 34
Delta R.T. 0.025 min
Lab File: VY017043.D
Acq: 19 Jan 2024 09:29

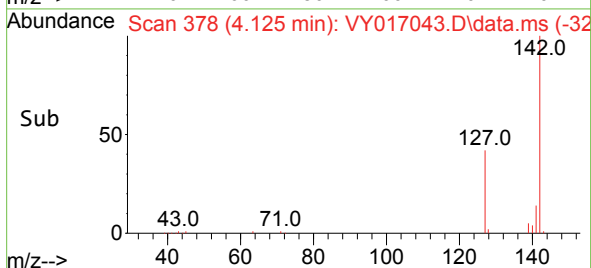
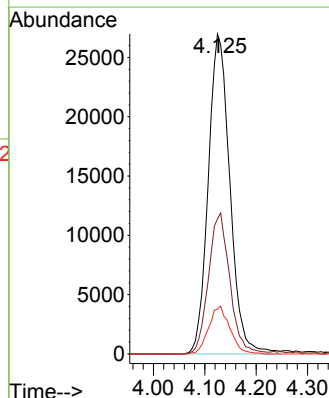
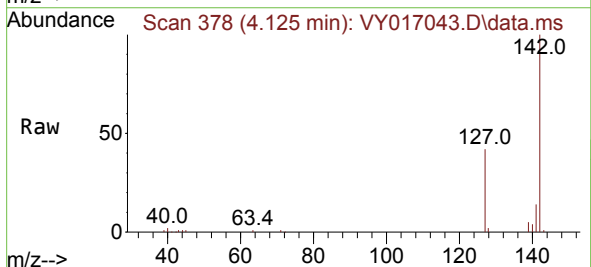
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

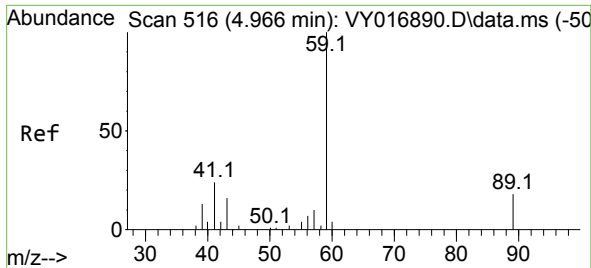
Tgt Ion:101 Resp: 78606
Ion Ratio Lower Upper
101 100
85 44.9 35.8 53.6
151 72.8 58.6 88.0



#10
Methyl Iodide
Concen: 56.683 ug/l
RT: 4.125 min Scan# 378
Delta R.T. 0.019 min
Lab File: VY017043.D
Acq: 19 Jan 2024 09:29

Tgt Ion:142 Resp: 78930
Ion Ratio Lower Upper
142 100
127 43.4 35.1 52.7
141 14.7 11.8 17.6

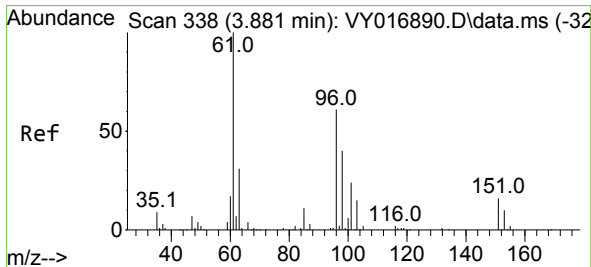
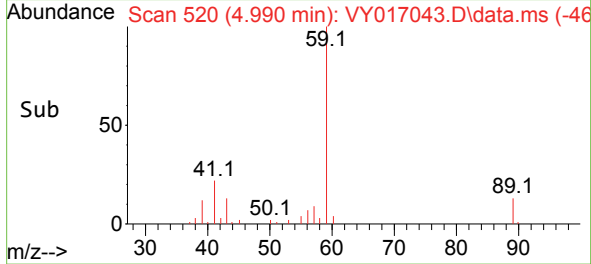
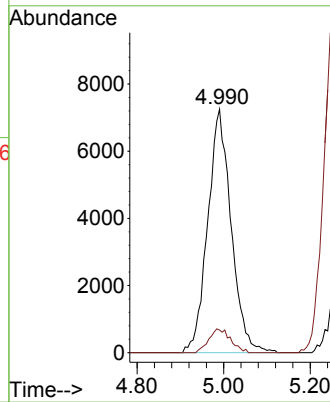
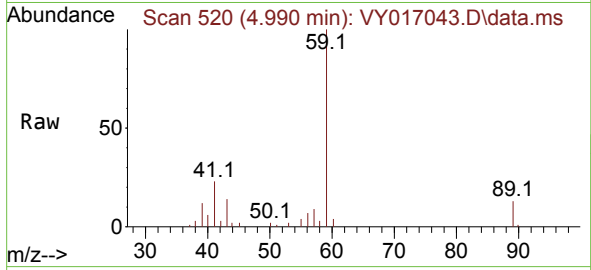




#11
Tert butyl alcohol
Concen: 258.945 ug/l
RT: 4.990 min Scan# 516
Delta R.T. 0.024 min
Lab File: VY017043.D
Acq: 19 Jan 2024 09:29

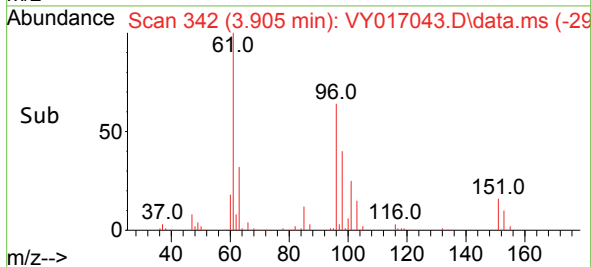
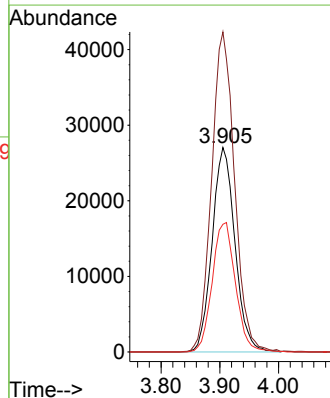
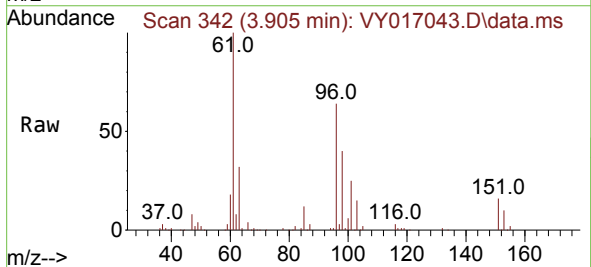
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

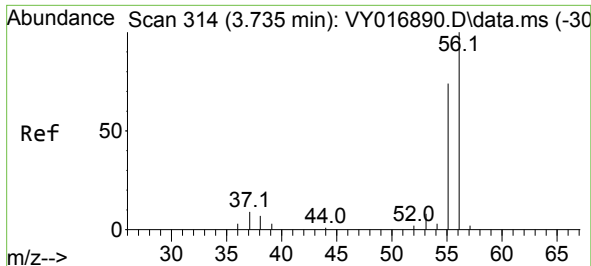
Tgt Ion: 59 Resp: 27326
Ion Ratio Lower Upper
59 100
57 9.0 7.4 11.0



#12
1,1-Dichloroethene
Concen: 51.990 ug/l
RT: 3.905 min Scan# 342
Delta R.T. 0.018 min
Lab File: VY017043.D
Acq: 19 Jan 2024 09:29

Tgt Ion: 96 Resp: 73013
Ion Ratio Lower Upper
96 100
61 156.5 124.2 186.2
98 62.4 52.6 79.0





#13

Acrolein

Concen: 192.425 ug/l

RT: 3.759 min Scan# 314

Delta R.T. 0.018 min

Lab File: VY017043.D

Acq: 19 Jan 2024 09:29

Instrument :

MSVOA_Y

ClientSampleId :

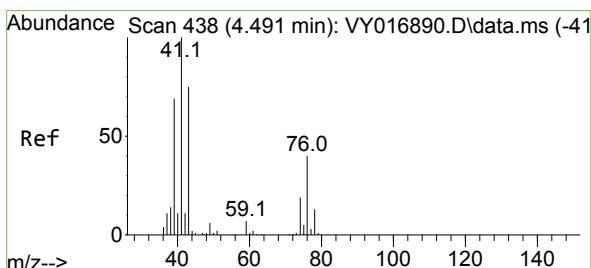
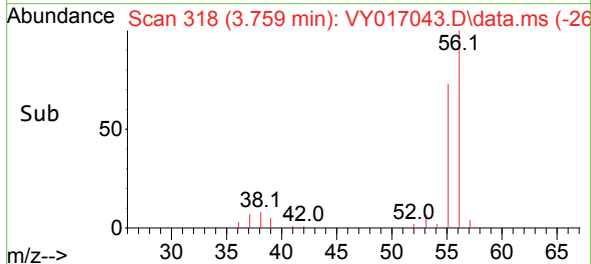
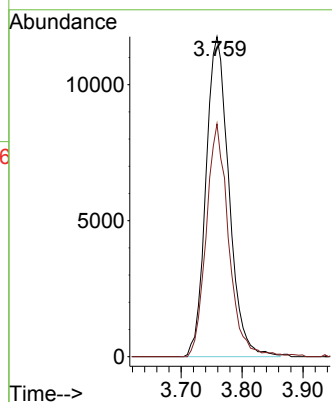
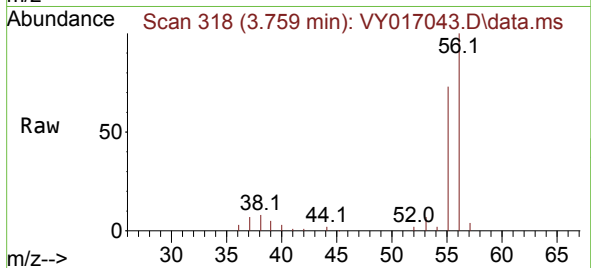
VSTDCCC050

Tgt Ion: 56 Resp: 30868

Ion Ratio Lower Upper

56 100

55 70.6 55.4 83.0



#14

Allyl chloride

Concen: 50.199 ug/l

RT: 4.521 min Scan# 443

Delta R.T. 0.024 min

Lab File: VY017043.D

Acq: 19 Jan 2024 09:29

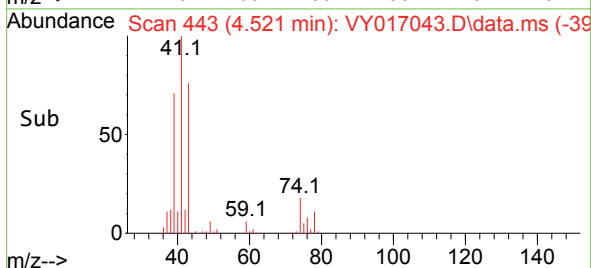
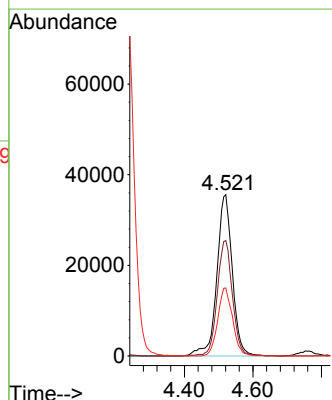
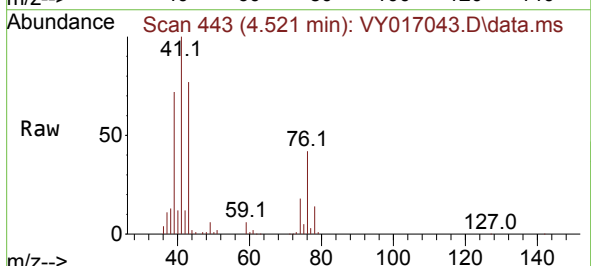
Tgt Ion: 41 Resp: 111450

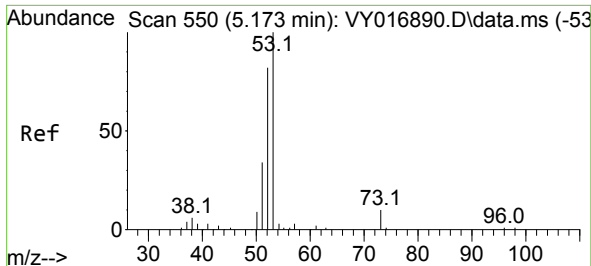
Ion Ratio Lower Upper

41 100

39 70.0 54.7 82.1

76 40.2 31.8 47.6

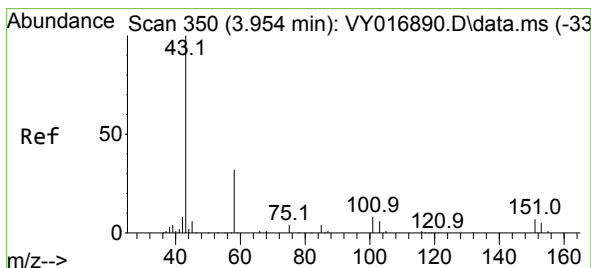
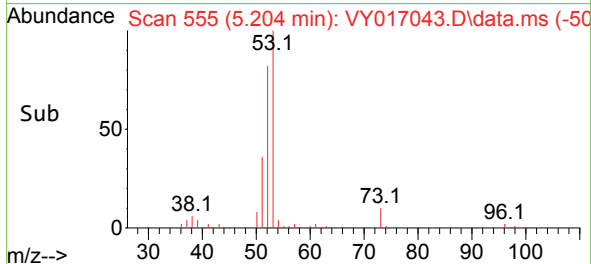
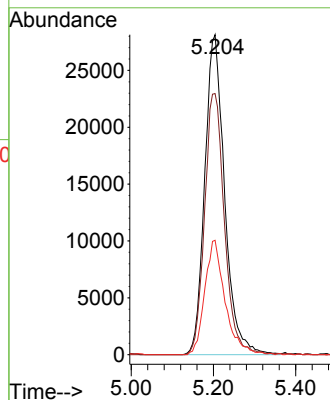
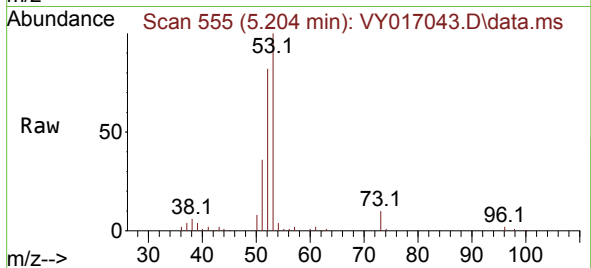




#15
Acrylonitrile
Concen: 251.516 ug/l
RT: 5.204 min Scan# 511
Delta R.T. 0.025 min
Lab File: VY017043.D
Acq: 19 Jan 2024 09:29

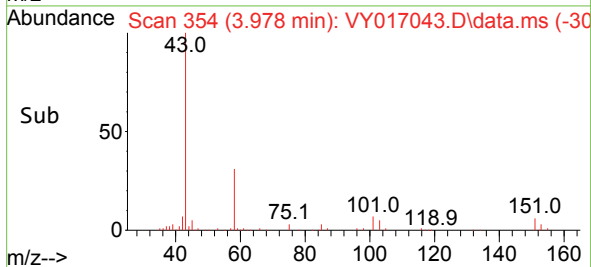
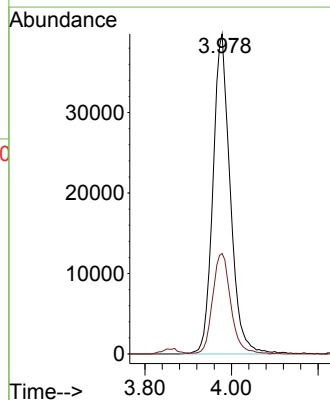
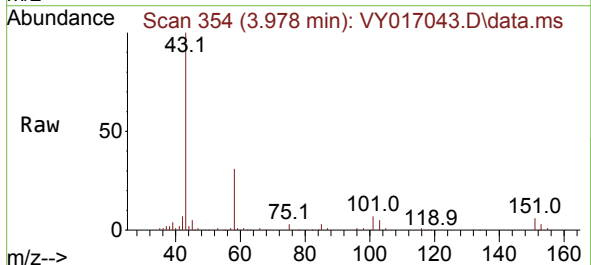
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

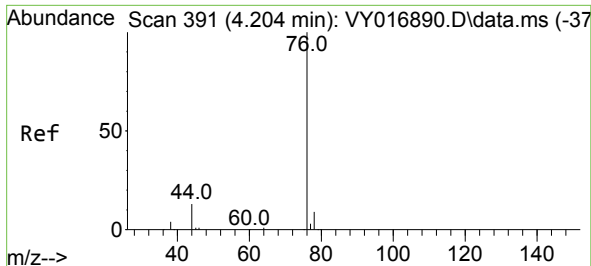
Tgt Ion: 53 Resp: 94645
Ion Ratio Lower Upper
53 100
52 81.3 65.1 97.7
51 36.5 29.0 43.4



#16
Acetone
Concen: 312.923 ug/l
RT: 3.978 min Scan# 354
Delta R.T. 0.018 min
Lab File: VY017043.D
Acq: 19 Jan 2024 09:29

Tgt Ion: 43 Resp: 110210
Ion Ratio Lower Upper
43 100
58 31.3 26.6 39.8

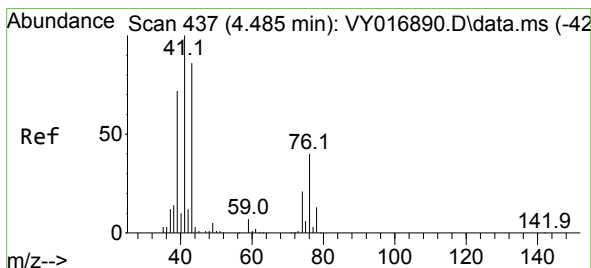
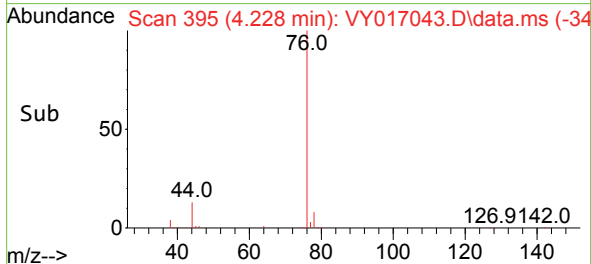
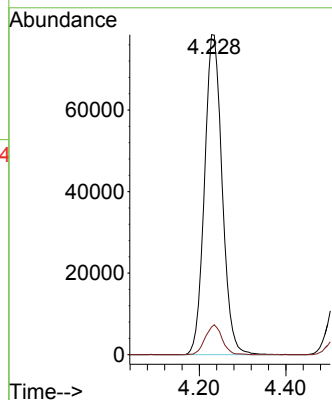
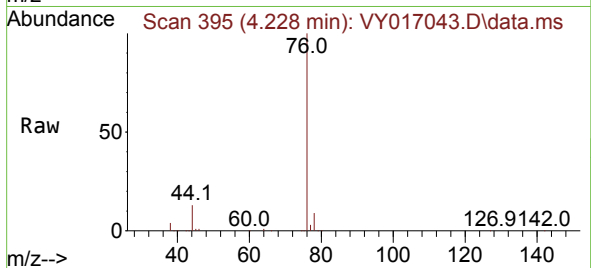




#17
Carbon Disulfide
Concen: 66.067 ug/l
RT: 4.228 min Scan# 391
Delta R.T. 0.018 min
Lab File: VY017043.D
Acq: 19 Jan 2024 09:29

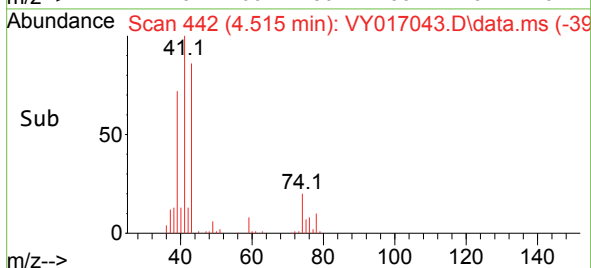
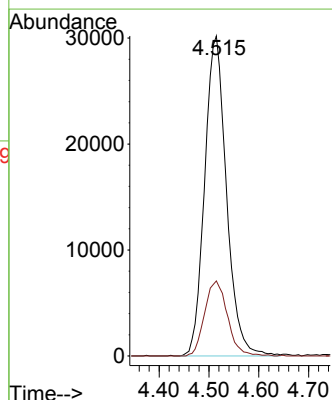
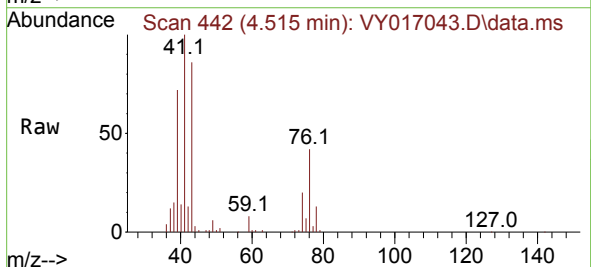
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

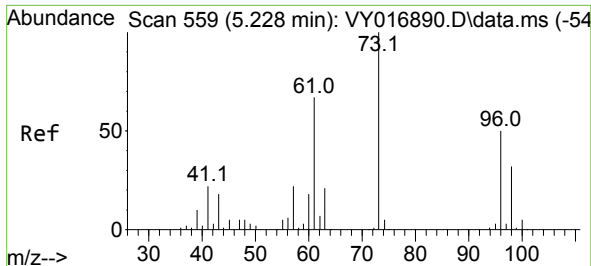
Tgt Ion: 76 Resp: 221695
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 58.871 ug/l
RT: 4.515 min Scan# 442
Delta R.T. 0.018 min
Lab File: VY017043.D
Acq: 19 Jan 2024 09:29

Tgt Ion: 43 Resp: 91915
Ion Ratio Lower Upper
43 100
74 24.5 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 50.478 ug/l

RT: 5.259 min Scan# 5

Delta R.T. 0.025 min

Lab File: VY017043.D

Acq: 19 Jan 2024 09:29

Instrument :

MSVOA_Y

ClientSampleId :

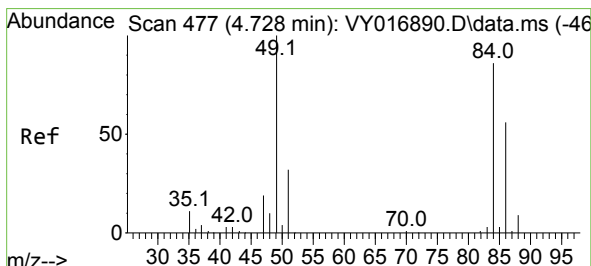
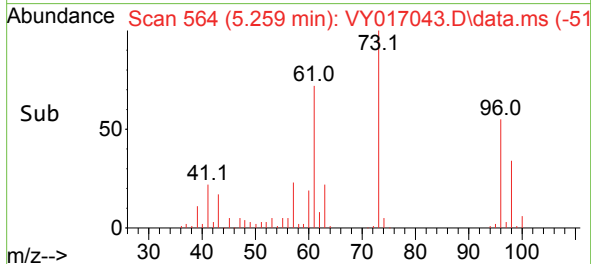
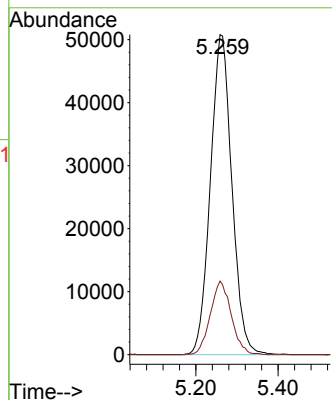
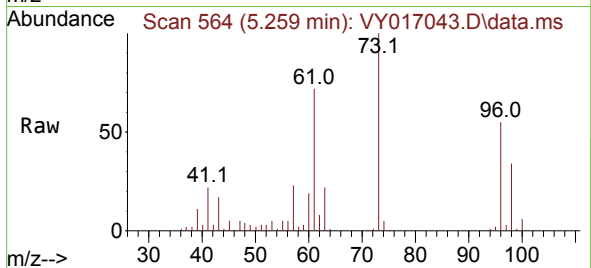
VSTDCCC050

Tgt Ion: 73 Resp: 184429

Ion Ratio Lower Upper

73 100

57 23.0 17.7 26.5



#20

Methylene Chloride

Concen: 43.234 ug/l

RT: 4.759 min Scan# 482

Delta R.T. 0.025 min

Lab File: VY017043.D

Acq: 19 Jan 2024 09:29

Tgt Ion: 84 Resp: 83652

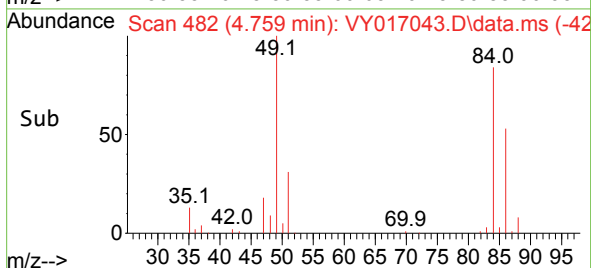
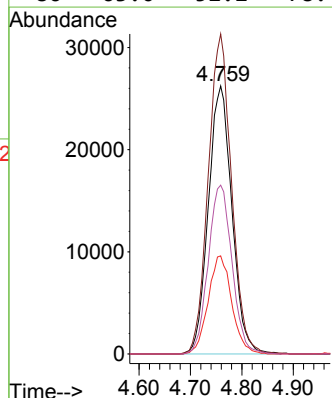
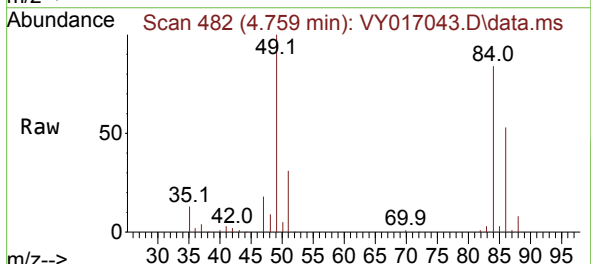
Ion Ratio Lower Upper

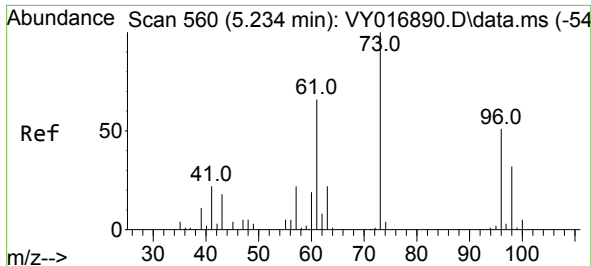
84 100

49 119.4 95.2 142.8

51 36.6 29.9 44.9

86 63.0 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 54.025 ug/l

RT: 5.259 min Scan# 5

Delta R.T. 0.019 min

Lab File: VY017043.D

Acq: 19 Jan 2024 09:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

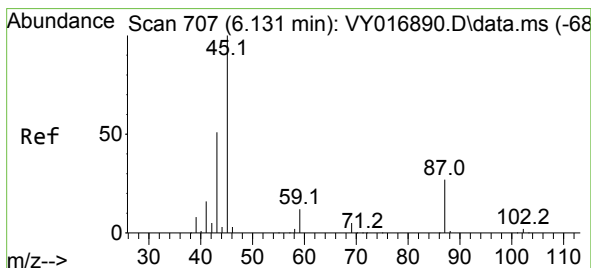
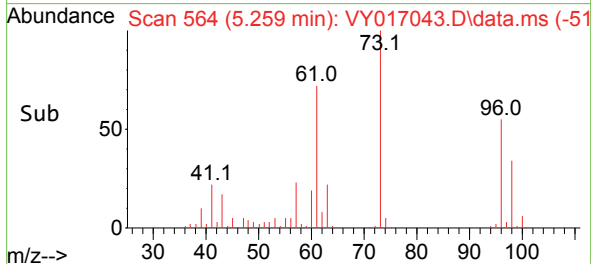
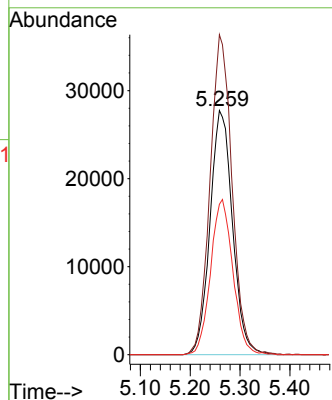
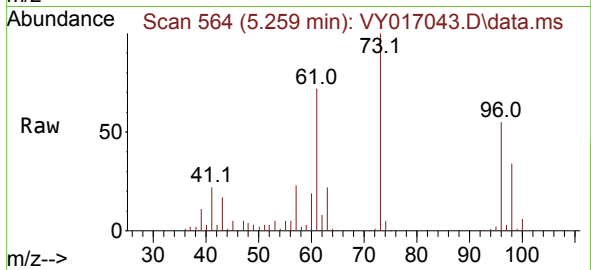
Tgt Ion: 96 Resp: 86895

Ion Ratio Lower Upper

96 100

61 131.1 104.6 156.8

98 61.6 50.9 76.3



#22

Diisopropyl ether

Concen: 48.960 ug/l

RT: 6.155 min Scan# 711

Delta R.T. 0.024 min

Lab File: VY017043.D

Acq: 19 Jan 2024 09:29

Tgt Ion: 45 Resp: 251302

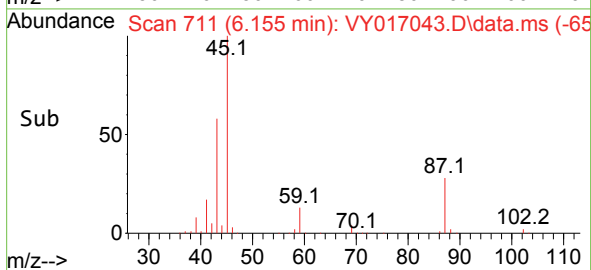
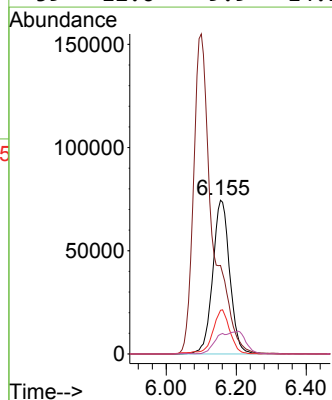
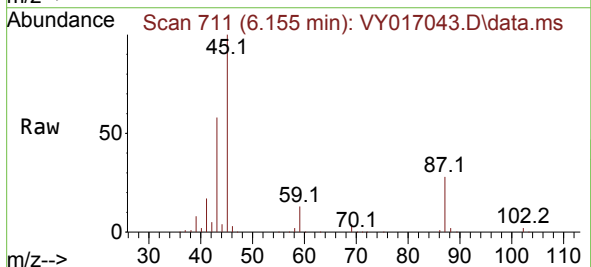
Ion Ratio Lower Upper

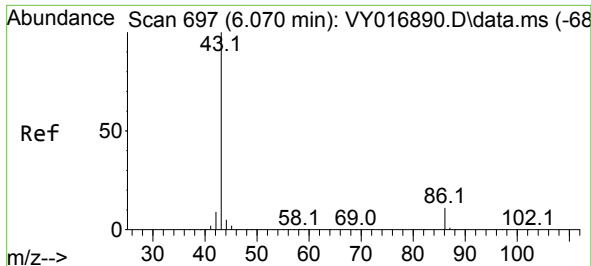
45 100

43 57.4 46.8 70.2

87 28.4 22.2 33.2

59 12.6 9.9 14.9





#23

Vinyl Acetate

Concen: 246.713 ug/l

RT: 6.100 min Scan# 702

Delta R.T. 0.024 min

Lab File: VY017043.D

Acq: 19 Jan 2024 09:29

Instrument :

MSVOA_Y

ClientSampleId :

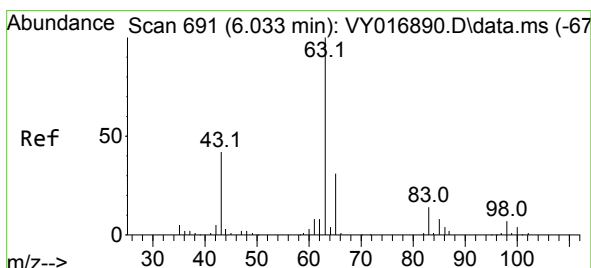
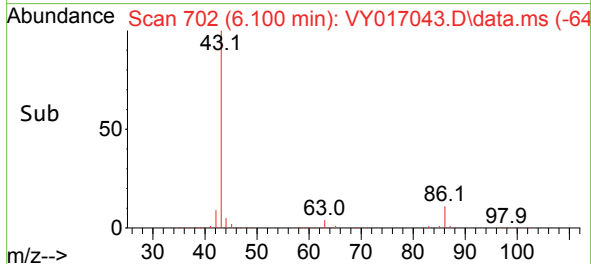
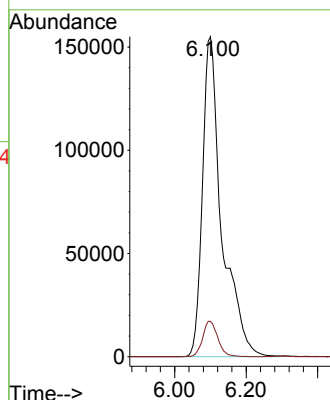
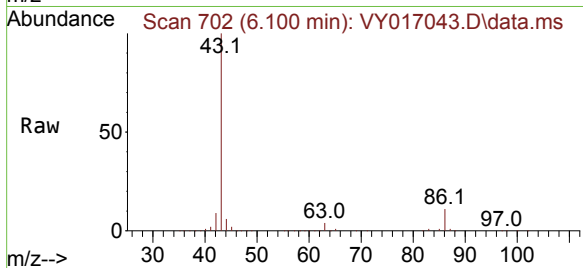
VSTDCCC050

Tgt Ion: 43 Resp: 580636

Ion Ratio Lower Upper

43 100

86 11.1 8.6 13.0



#24

1,1-Dichloroethane

Concen: 48.022 ug/l

RT: 6.057 min Scan# 695

Delta R.T. 0.024 min

Lab File: VY017043.D

Acq: 19 Jan 2024 09:29

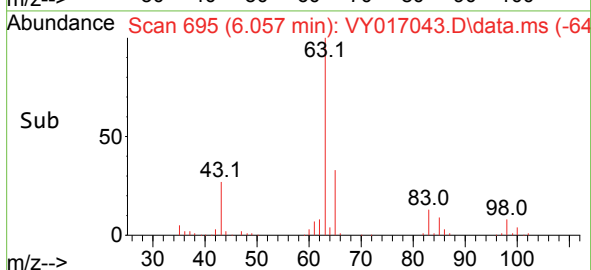
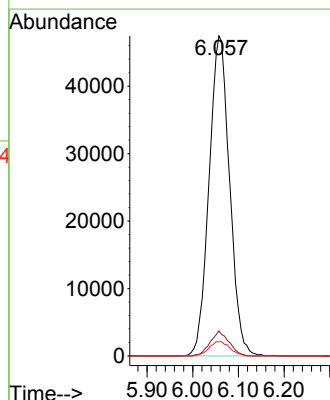
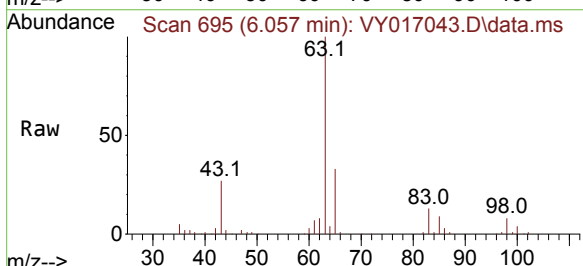
Tgt Ion: 63 Resp: 148120

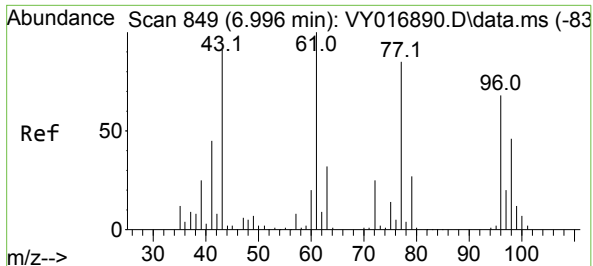
Ion Ratio Lower Upper

63 100

98 7.8 3.8 11.4

100 4.4 2.1 6.2





#25

2-Butanone

Concen: 280.011 ug/l

RT: 7.020 min Scan# 853

Delta R.T. 0.024 min

Lab File: VY017043.D

Acq: 19 Jan 2024 09:29

Instrument :

MSVOA_Y

ClientSampleId :

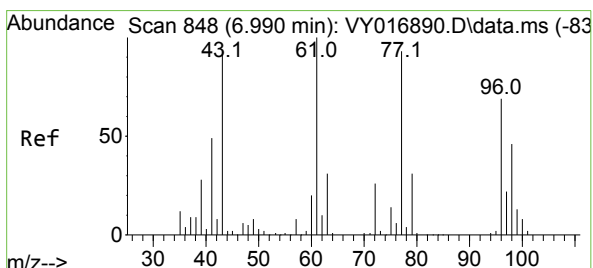
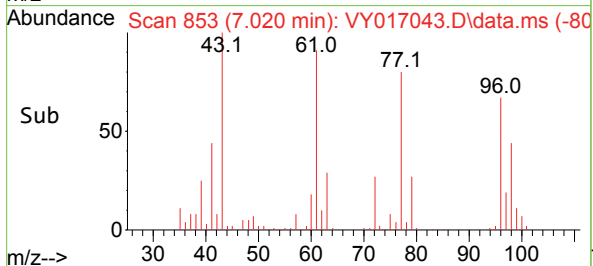
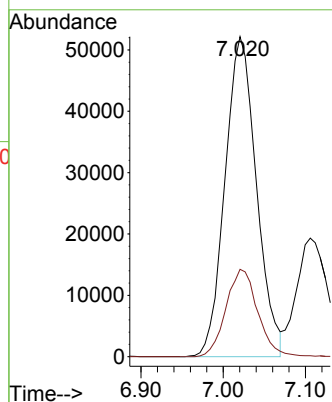
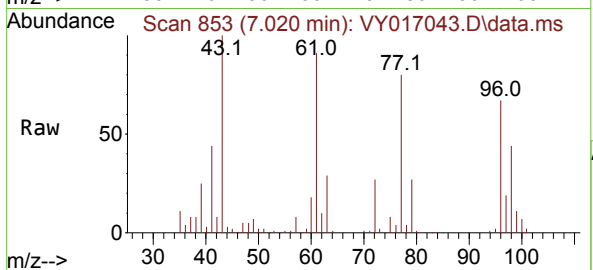
VSTDCCC050

Tgt Ion: 43 Resp: 138674

Ion Ratio Lower Upper

43 100

72 27.3 21.4 32.2



#26

2,2-Dichloropropane

Concen: 46.721 ug/l

RT: 7.020 min Scan# 853

Delta R.T. 0.024 min

Lab File: VY017043.D

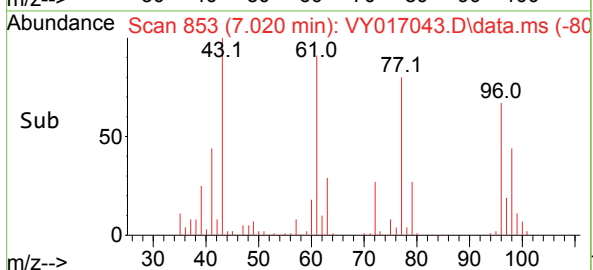
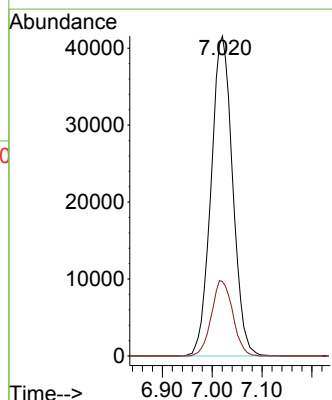
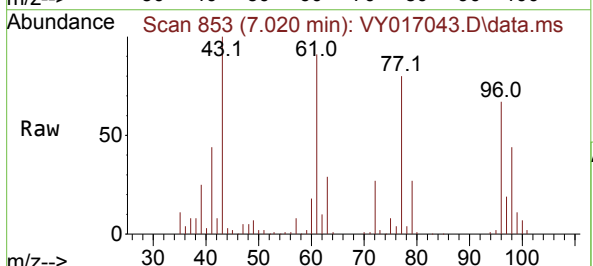
Acq: 19 Jan 2024 09:29

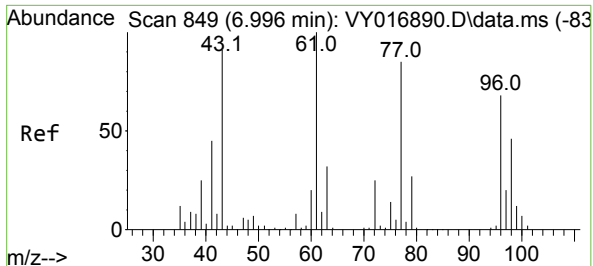
Tgt Ion: 77 Resp: 124949

Ion Ratio Lower Upper

77 100

97 23.3 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 50.673 ug/l

RT: 7.020 min Scan# 81

Delta R.T. 0.018 min

Lab File: VY017043.D

Acq: 19 Jan 2024 09:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

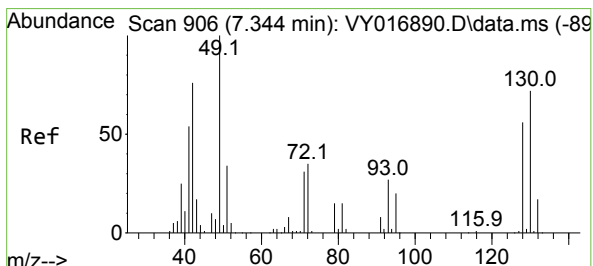
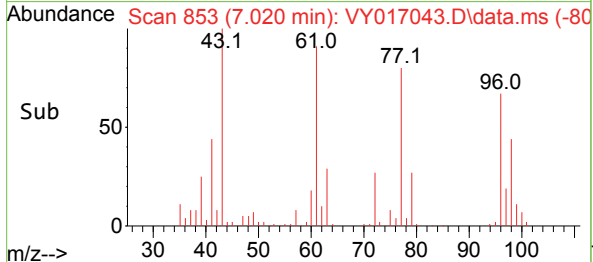
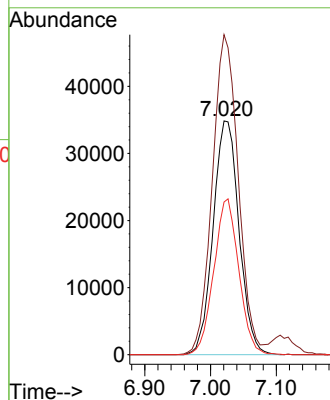
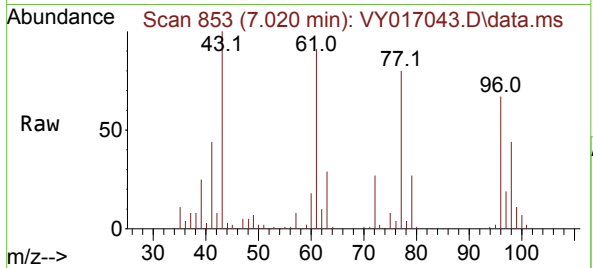
Tgt Ion: 96 Resp: 95541

Ion Ratio Lower Upper

96 100

61 137.4 0.0 278.8

98 64.5 0.0 127.0



#28

Bromochloromethane

Concen: 56.021 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.018 min

Lab File: VY017043.D

Acq: 19 Jan 2024 09:29

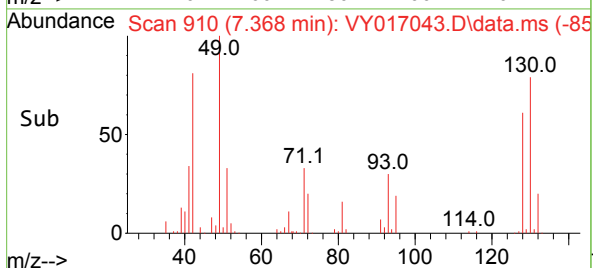
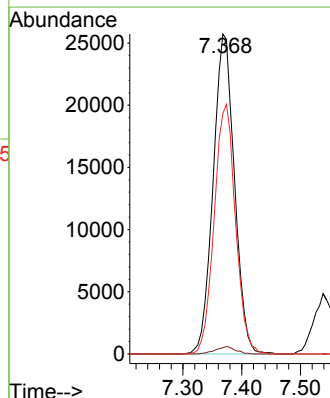
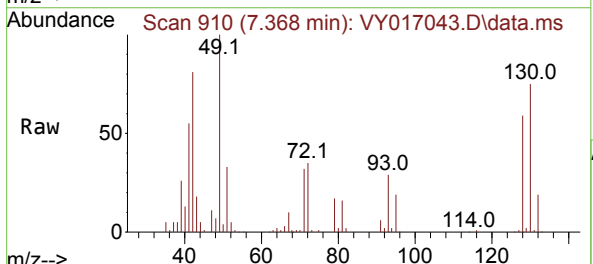
Tgt Ion: 49 Resp: 64870

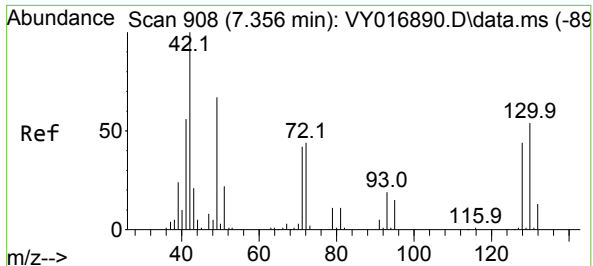
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

130 77.7 59.8 89.8

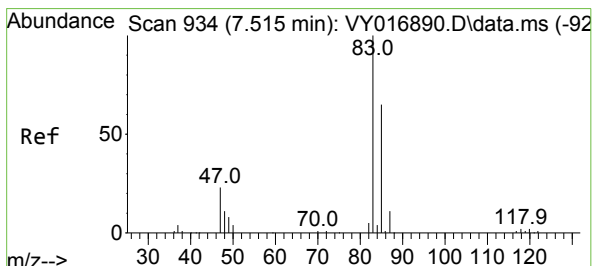
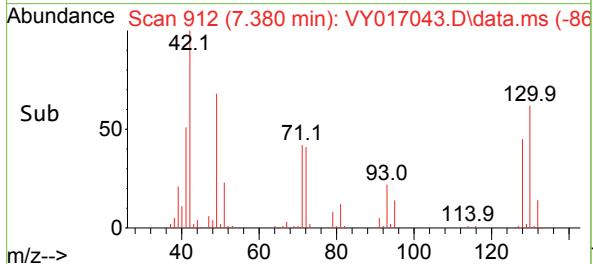
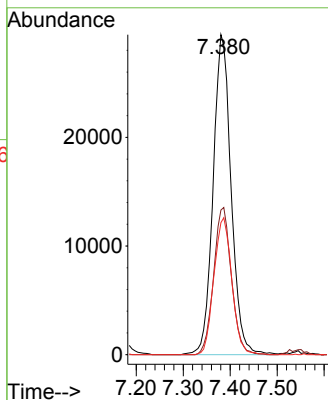
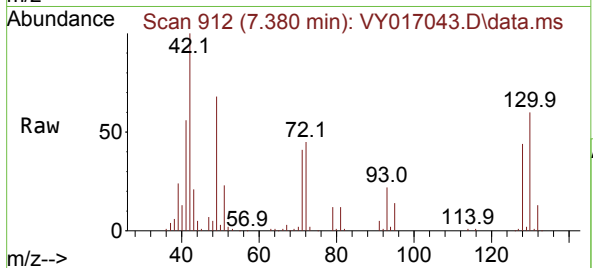




#29
Tetrahydrofuran
Concen: 266.196 ug/l
RT: 7.380 min Scan# 912
Delta R.T. 0.018 min
Lab File: VY017043.D
Acq: 19 Jan 2024 09:29

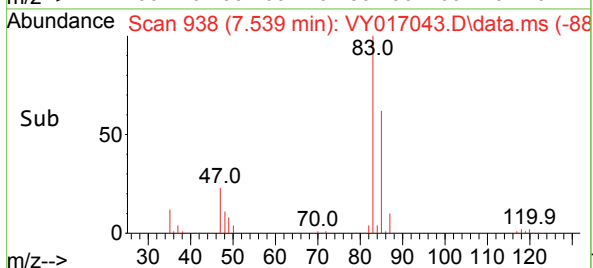
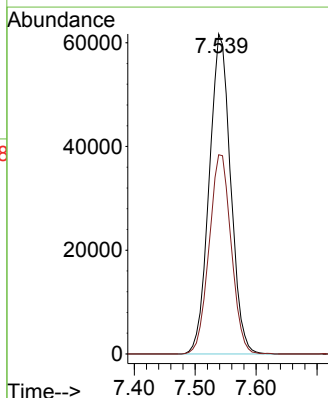
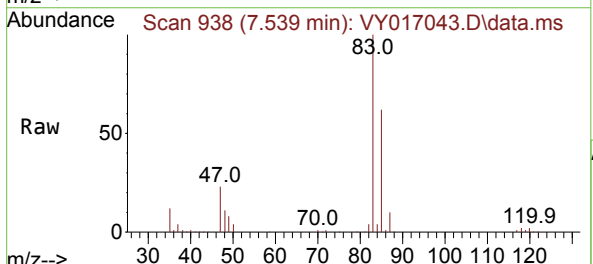
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

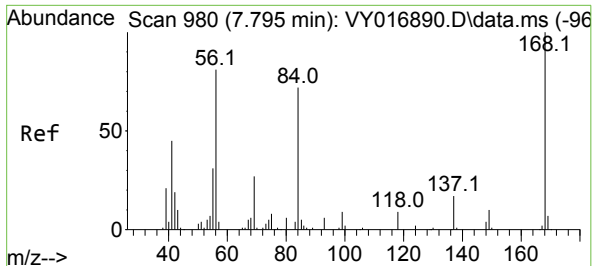
Tgt Ion:	42	Resp:	78515
Ion	Ratio	Lower	Upper
42	100		
72	45.4	36.6	54.8
71	42.6	33.8	50.6



#30
Chloroform
Concen: 47.306 ug/l
RT: 7.539 min Scan# 938
Delta R.T. 0.018 min
Lab File: VY017043.D
Acq: 19 Jan 2024 09:29

Tgt Ion:	83	Resp:	150364
Ion	Ratio	Lower	Upper
83	100		
85	62.2	51.2	76.8

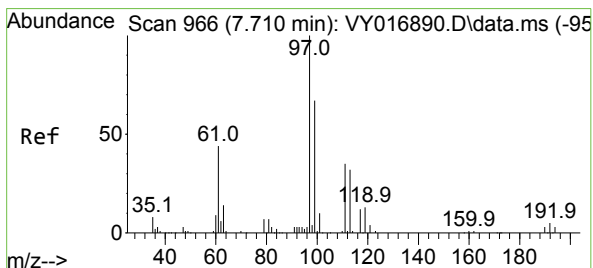
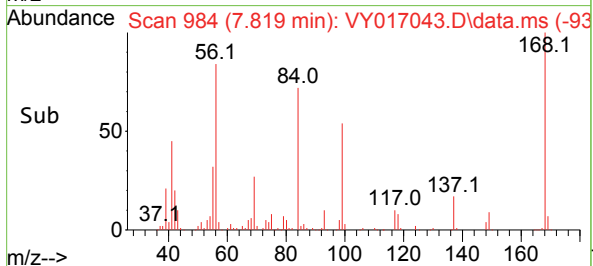
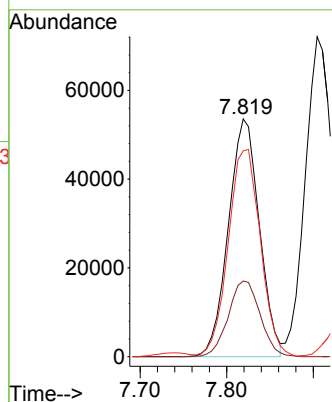
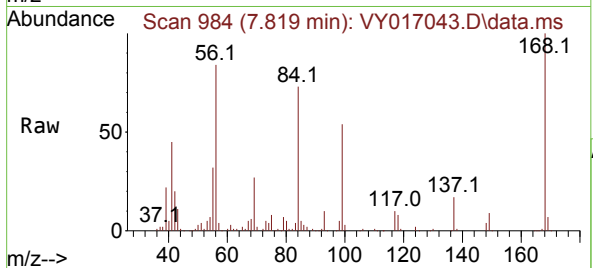




#31
Cyclohexane
Concen: 53.178 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017043.D
Acq: 19 Jan 2024 09:29

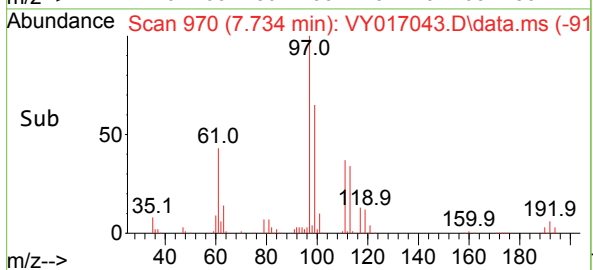
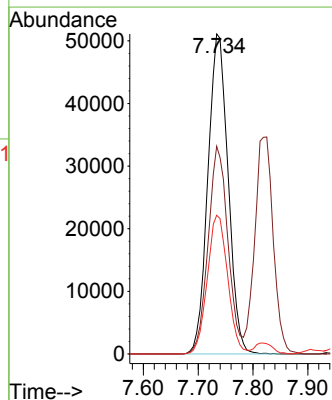
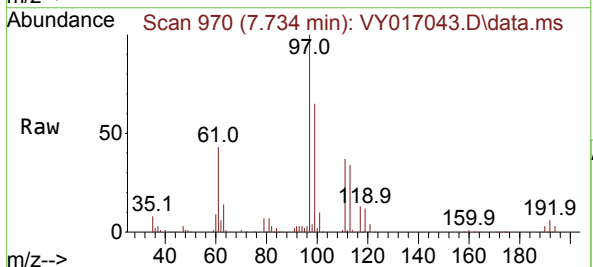
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

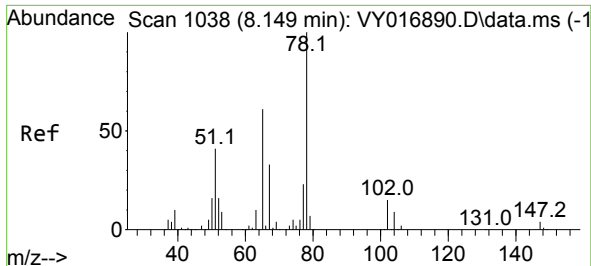
Tgt Ion: 56 Resp: 133008
Ion Ratio Lower Upper
56 100
69 31.8 27.0 40.6
84 85.1 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 48.489 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.018 min
Lab File: VY017043.D
Acq: 19 Jan 2024 09:29

Tgt Ion: 97 Resp: 130682
Ion Ratio Lower Upper
97 100
99 63.8 51.2 76.8
61 43.9 35.0 52.6

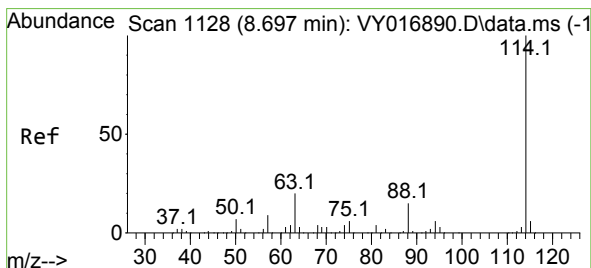
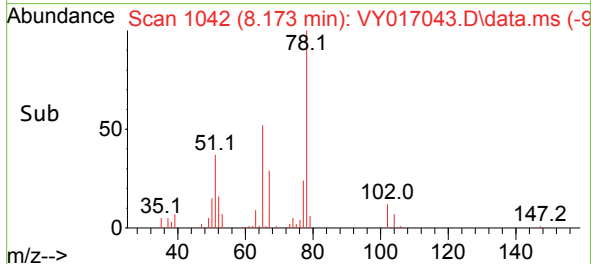
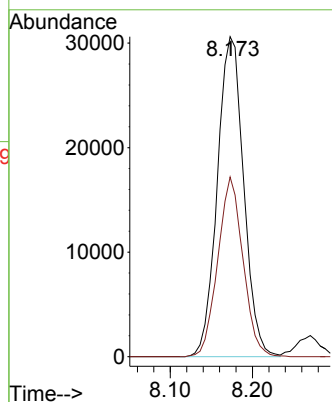
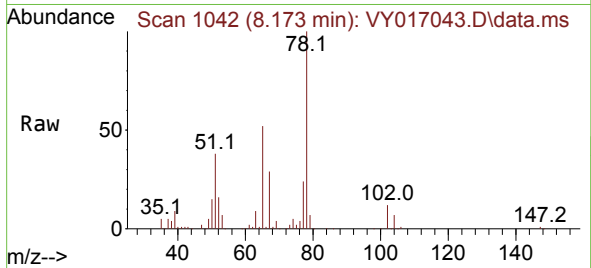




#33
 1,2-Dichloroethane-d4
 Concen: 46.854 ug/l
 RT: 8.173 min Scan# 110
 Delta R.T. 0.018 min
 Lab File: VY017043.D
 Acq: 19 Jan 2024 09:29

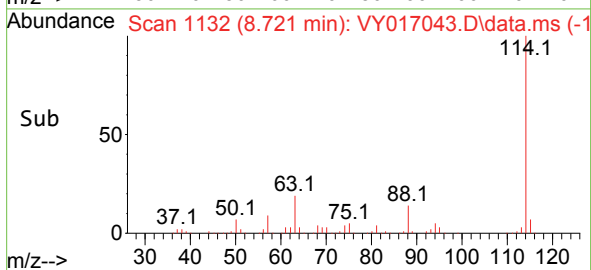
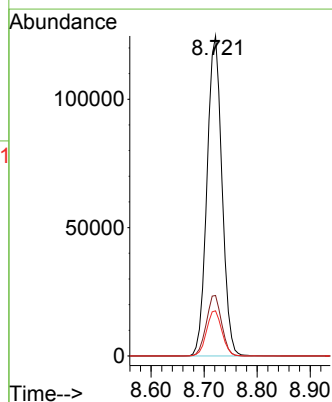
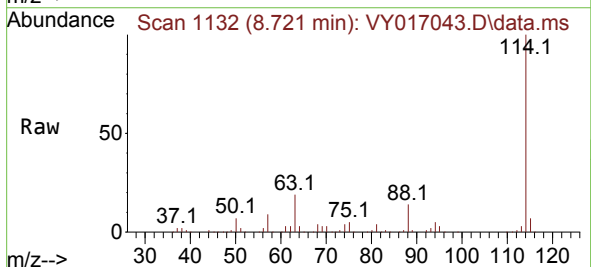
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

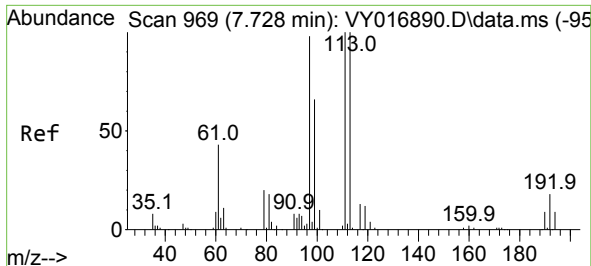
Tgt Ion: 65 Resp: 68281
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.721 min Scan# 1132
 Delta R.T. 0.018 min
 Lab File: VY017043.D
 Acq: 19 Jan 2024 09:29

Tgt Ion: 114 Resp: 244196
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.4
 88 14.1 0.0 29.0

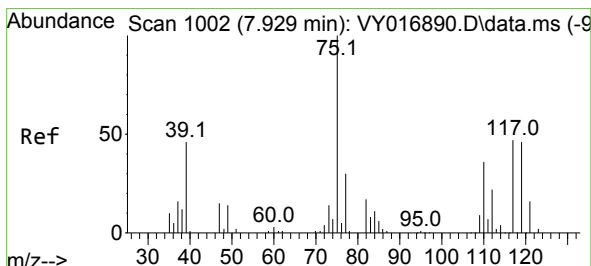
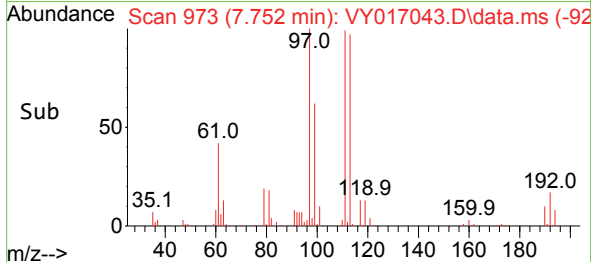
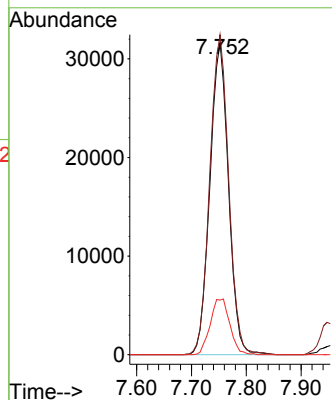
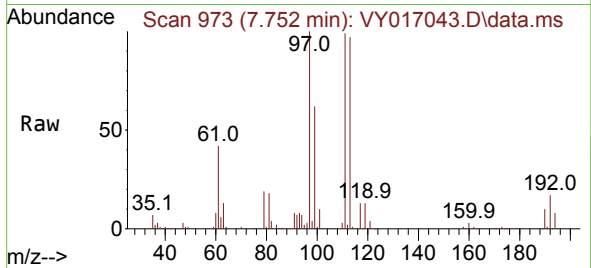




#35
Dibromofluoromethane
Concen: 47.803 ug/l
RT: 7.752 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY017043.D
Acq: 19 Jan 2024 09:29

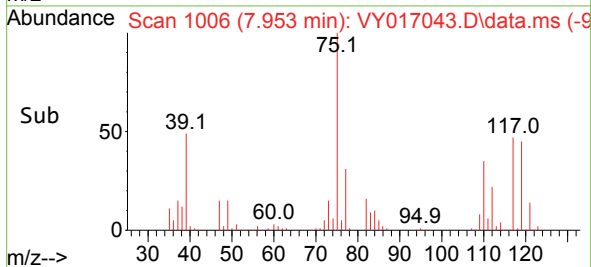
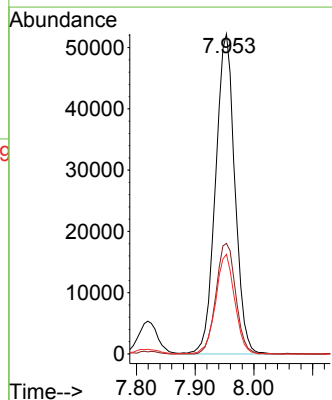
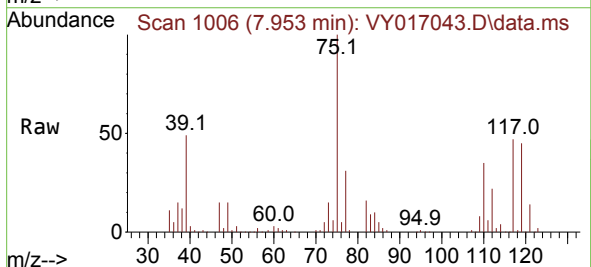
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

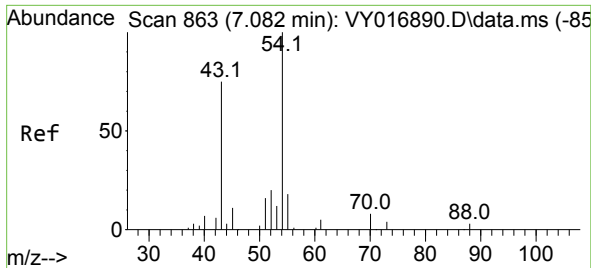
Tgt Ion:113 Resp: 74386
Ion Ratio Lower Upper
113 100
111 104.3 83.8 125.6
192 18.8 14.5 21.7



#36
1,1-Dichloropropene
Concen: 52.360 ug/l
RT: 7.953 min Scan# 1006
Delta R.T. 0.024 min
Lab File: VY017043.D
Acq: 19 Jan 2024 09:29

Tgt Ion: 75 Resp: 118742
Ion Ratio Lower Upper
75 100
110 35.4 17.4 52.3
77 30.9 24.7 37.1

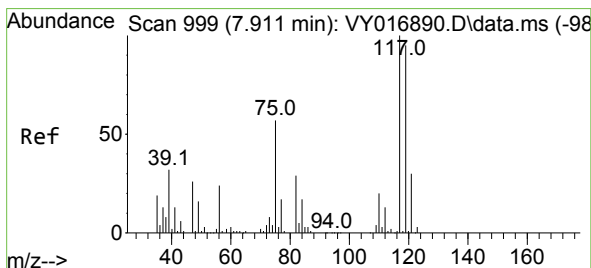
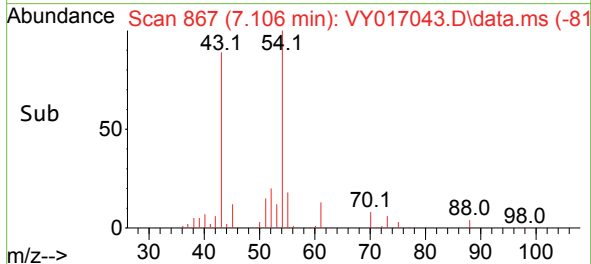
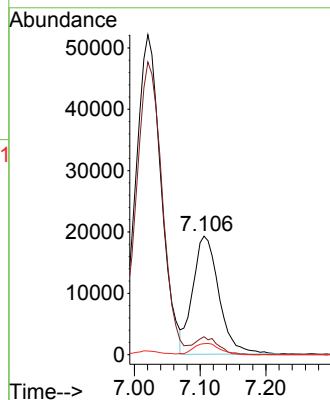
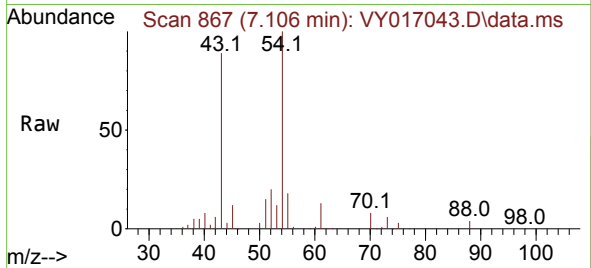




#37
Ethyl Acetate
Concen: 51.579 ug/l
RT: 7.106 min Scan# 80
Delta R.T. 0.018 min
Lab File: VY017043.D
Acq: 19 Jan 2024 09:29

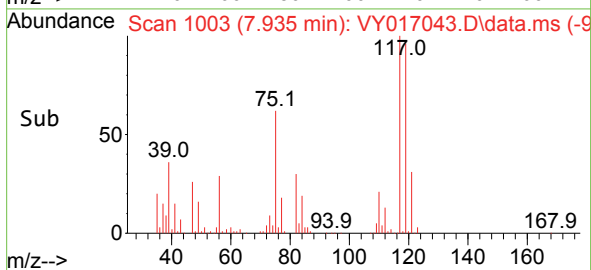
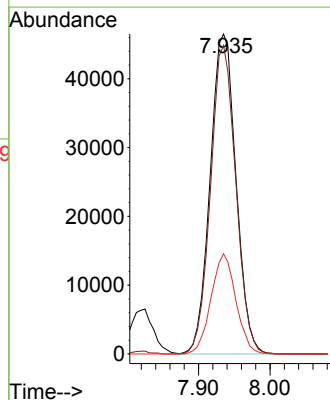
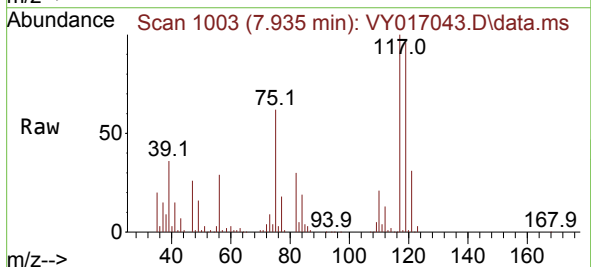
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

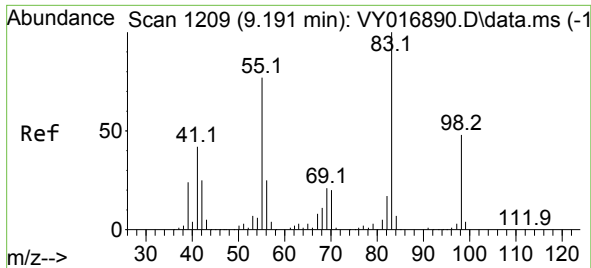
Tgt Ion: 43	Resp: 53156
Ion Ratio	Lower Upper
43	100
61	13.5 11.0 16.6
70	9.5 8.1 12.1



#38
Carbon Tetrachloride
Concen: 50.712 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.018 min
Lab File: VY017043.D
Acq: 19 Jan 2024 09:29

Tgt Ion: 117	Resp: 116844
Ion Ratio	Lower Upper
117	100
119	96.4 76.0 114.0
121	31.3 24.2 36.2

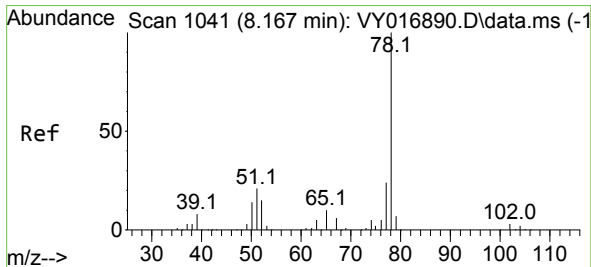
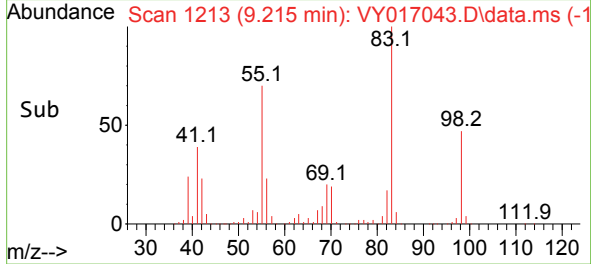
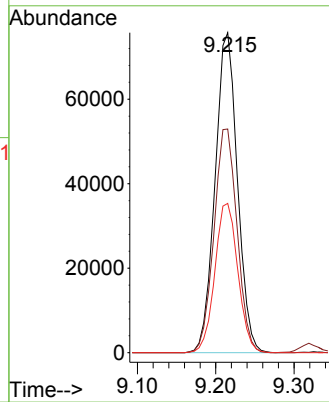
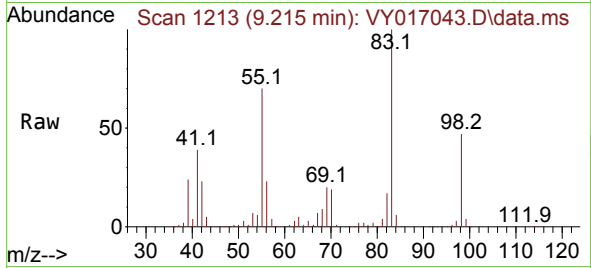




#39
Methylcyclohexane
Concen: 58.991 ug/l
RT: 9.215 min Scan# 11
Delta R.T. 0.024 min
Lab File: VY017043.D
Acq: 19 Jan 2024 09:29

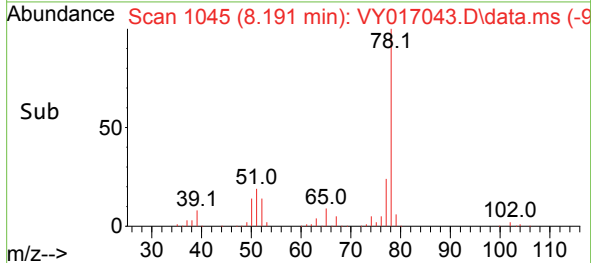
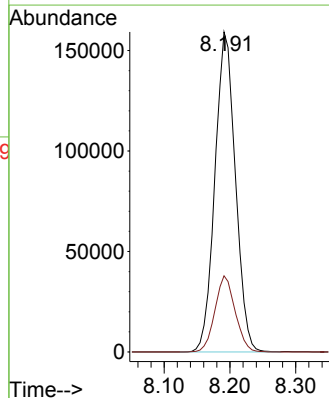
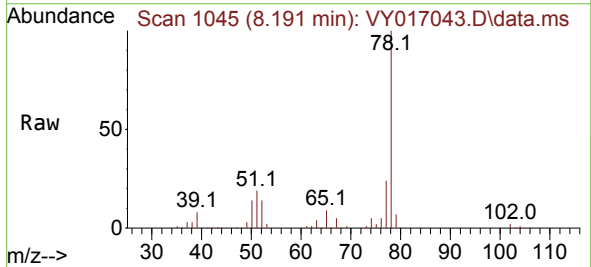
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

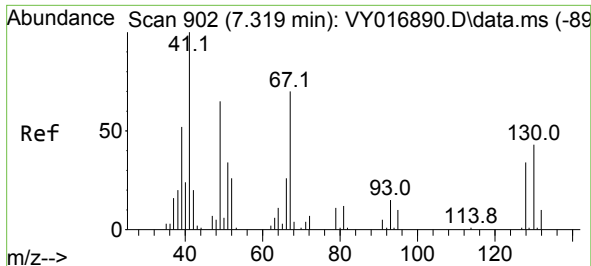
Tgt Ion: 83 Resp: 150394
Ion Ratio Lower Upper
83 100
55 69.9 59.7 89.5
98 46.7 38.0 57.0



#40
Benzene
Concen: 50.786 ug/l
RT: 8.191 min Scan# 1045
Delta R.T. 0.018 min
Lab File: VY017043.D
Acq: 19 Jan 2024 09:29

Tgt Ion: 78 Resp: 345494
Ion Ratio Lower Upper
78 100
77 23.8 18.8 28.2

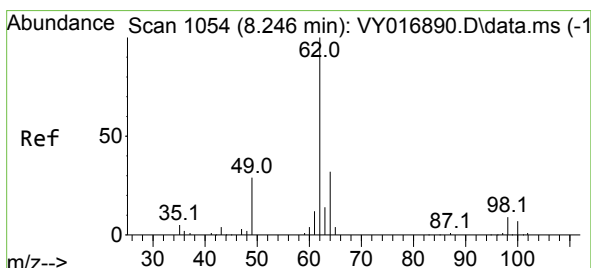
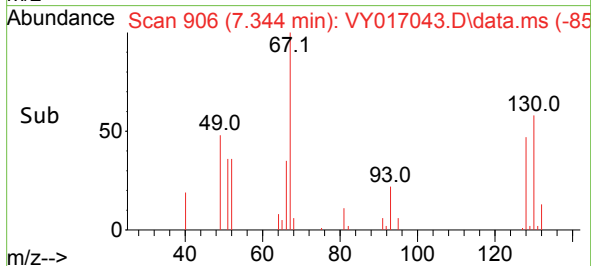
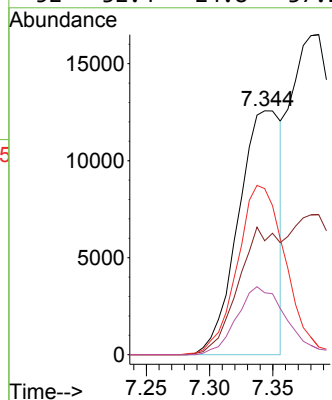
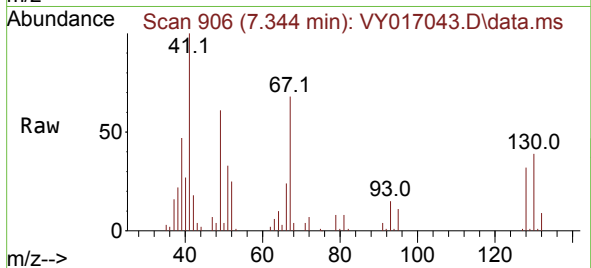




#41
Methacrylonitrile
Concen: 54.157 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.025 min
Lab File: VY017043.D
Acq: 19 Jan 2024 09:29

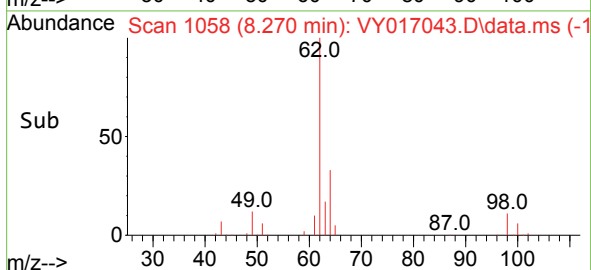
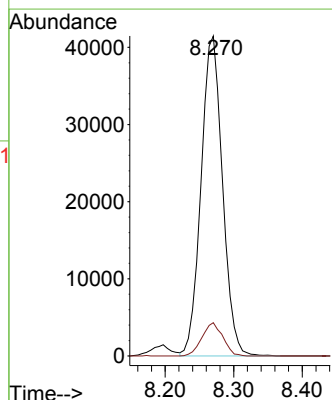
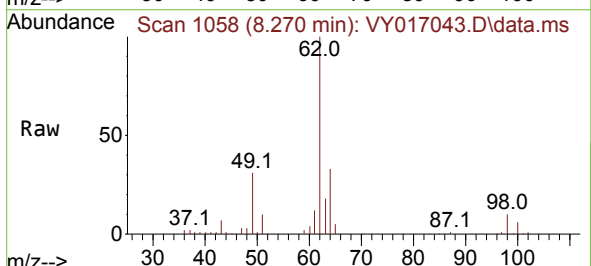
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

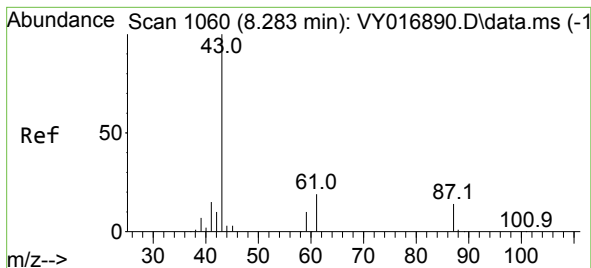
Tgt Ion: 41	Resp: 29395
Ion Ratio	Lower Upper
41 100	
39 50.3	41.9 62.9
67 79.4	59.8 89.6
52 32.4	24.8 37.2



#42
1,2-Dichloroethane
Concen: 50.049 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. 0.018 min
Lab File: VY017043.D
Acq: 19 Jan 2024 09:29

Tgt Ion: 62	Resp: 90390
Ion Ratio	Lower Upper
62 100	
98 10.1	0.0 20.2





#43

Isopropyl Acetate

Concen: 49.693 ug/l

RT: 8.301 min Scan# 1107

Delta R.T. 0.018 min

Lab File: VY017043.D

Acq: 19 Jan 2024 09:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

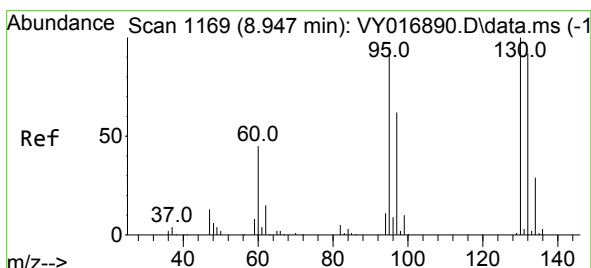
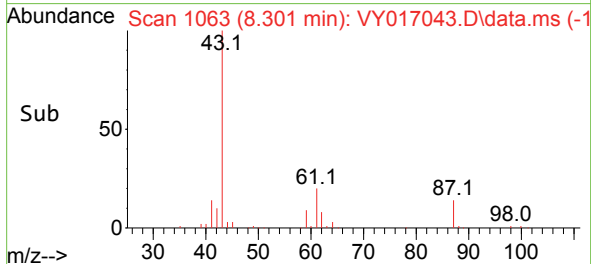
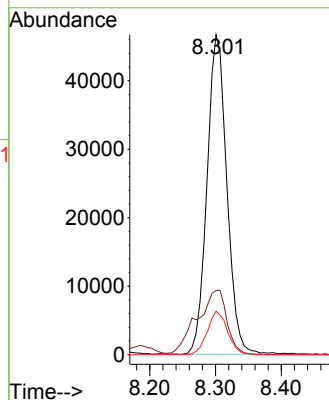
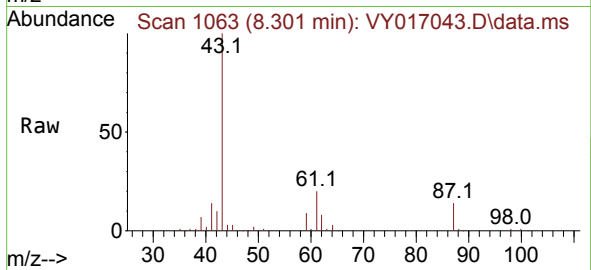
Tgt Ion: 43 Resp: 98072

Ion Ratio Lower Upper

43 100

61 30.5 24.8 37.2

87 13.9 10.7 16.1



#44

Trichloroethene

Concen: 51.014 ug/l

RT: 8.971 min Scan# 1173

Delta R.T. 0.024 min

Lab File: VY017043.D

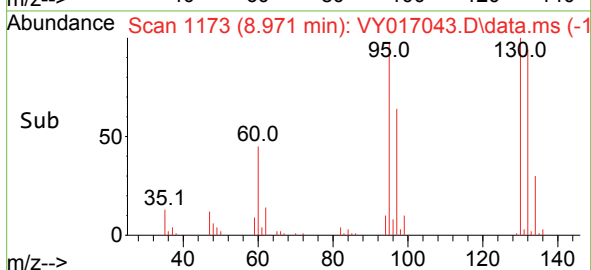
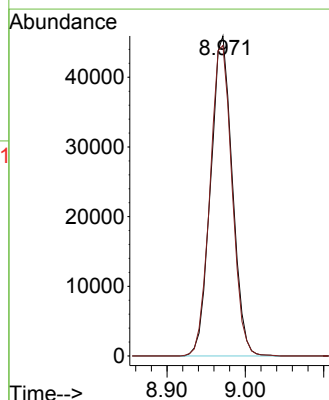
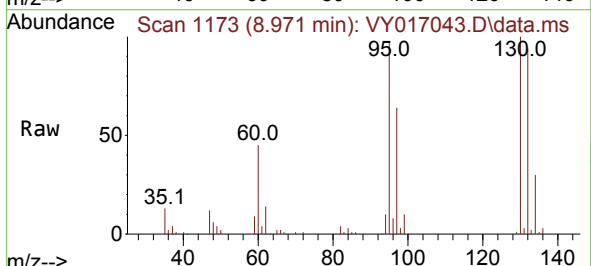
Acq: 19 Jan 2024 09:29

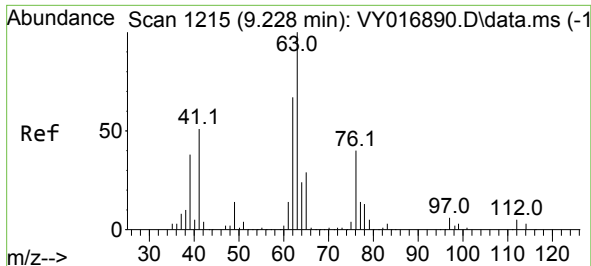
Tgt Ion:130 Resp: 88309

Ion Ratio Lower Upper

130 100

95 97.0 0.0 203.8





#45

1,2-Dichloropropane

Concen: 48.390 ug/l

RT: 9.246 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY017043.D

Acq: 19 Jan 2024 09:29

Instrument :

MSVOA_Y

ClientSampleId :

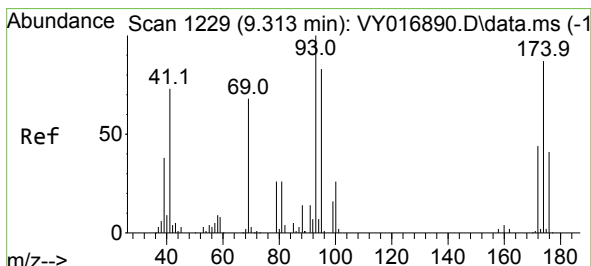
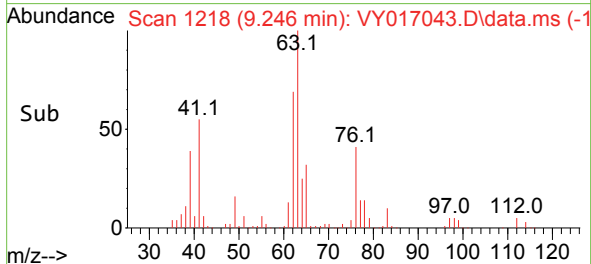
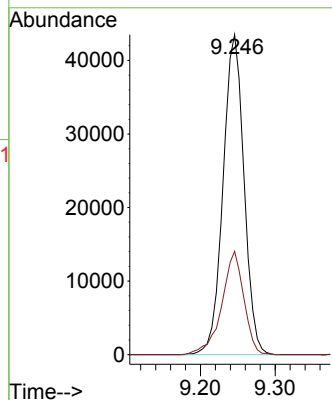
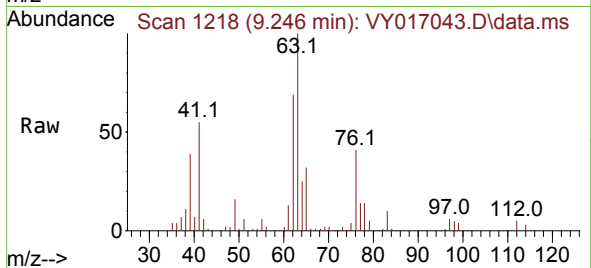
VSTDCCC050

Tgt Ion: 63 Resp: 84808

Ion Ratio Lower Upper

63 100

65 32.3 24.6 36.8



#46

Dibromomethane

Concen: 50.970 ug/l

RT: 9.331 min Scan# 1232

Delta R.T. 0.018 min

Lab File: VY017043.D

Acq: 19 Jan 2024 09:29

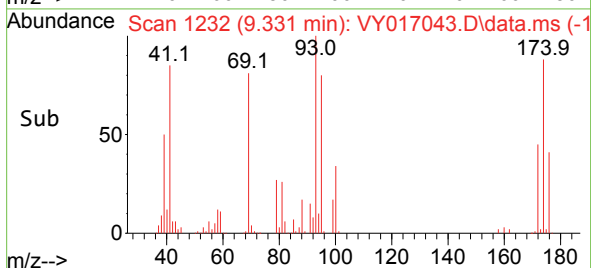
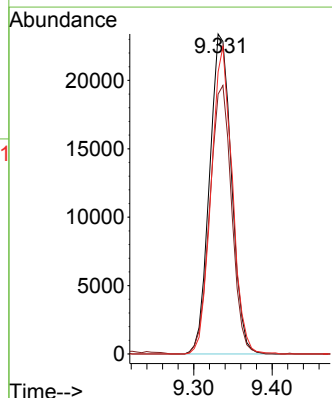
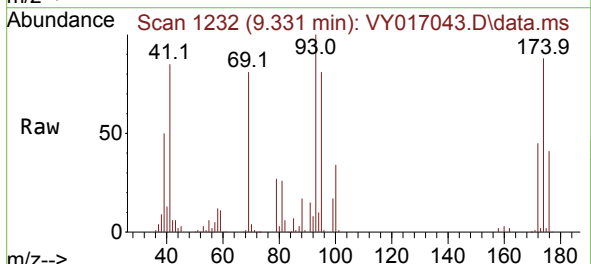
Tgt Ion: 93 Resp: 45559

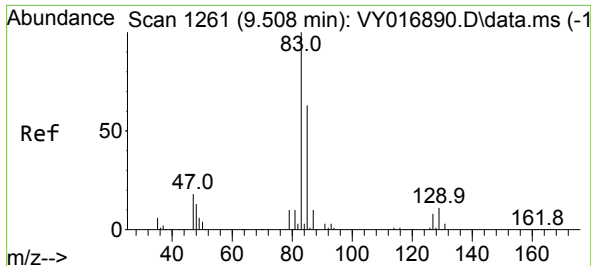
Ion Ratio Lower Upper

93 100

95 83.2 66.6 99.8

174 92.3 73.8 110.6

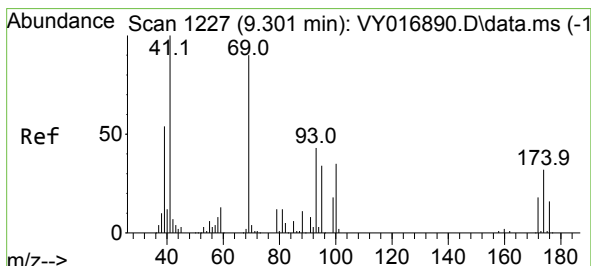
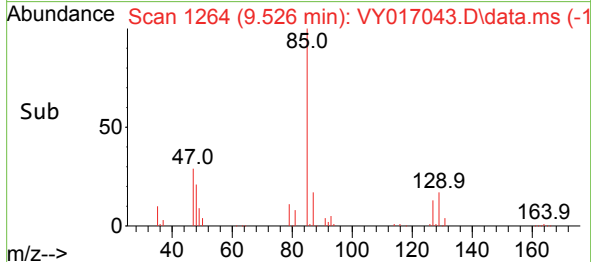
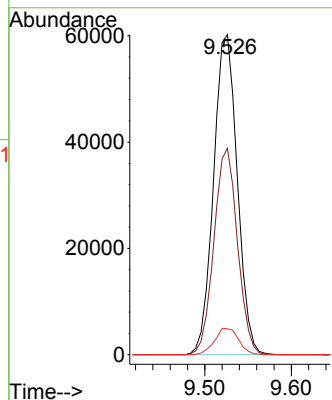
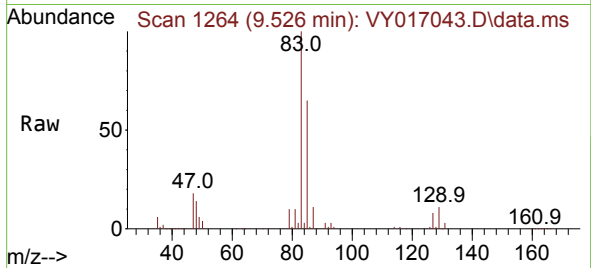




#47
Bromodichloromethane
Concen: 47.739 ug/l
RT: 9.526 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY017043.D
Acq: 19 Jan 2024 09:29

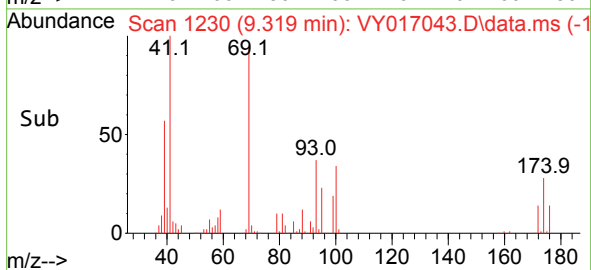
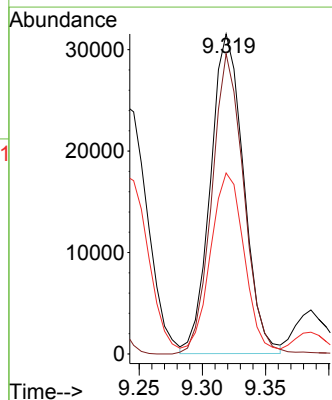
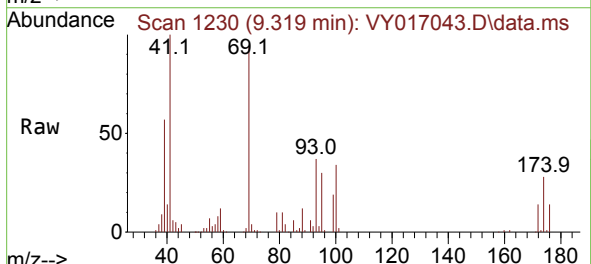
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

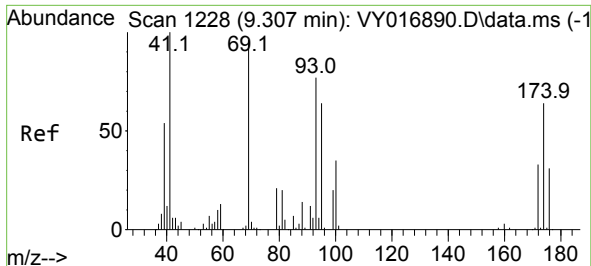
Tgt Ion: 83 Resp: 114585
Ion Ratio Lower Upper
83 100
85 64.5 53.2 79.8
127 8.1 6.4 9.6



#48
Methyl methacrylate
Concen: 54.009 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.018 min
Lab File: VY017043.D
Acq: 19 Jan 2024 09:29

Tgt Ion: 41 Resp: 57524
Ion Ratio Lower Upper
41 100
69 90.8 72.1 108.1
39 54.7 42.8 64.2





#49

1,4-Dioxane

Concen: 1072.509 ug/l

RT: 9.325 min Scan# 1228

Delta R.T. 0.012 min

Lab File: VY017043.D

Acq: 19 Jan 2024 09:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

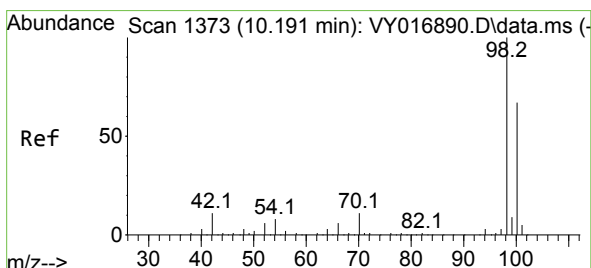
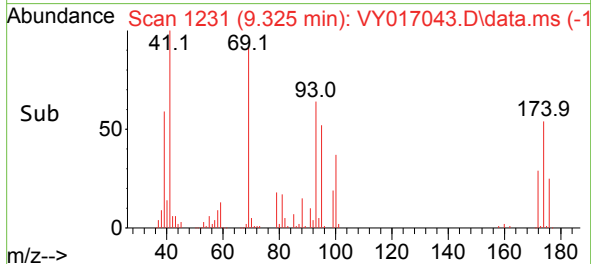
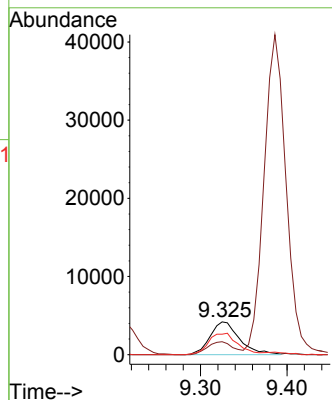
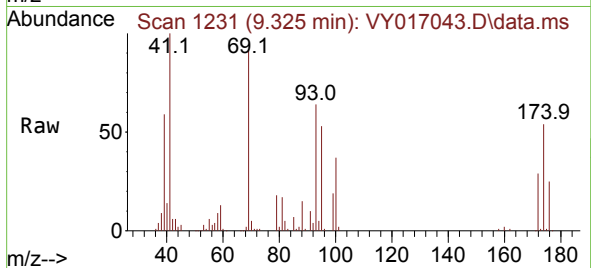
Tgt Ion: 88 Resp: 9926

Ion Ratio Lower Upper

88 100

43 35.1 28.2 42.4

58 65.6 52.2 78.2



#50

Toluene-d8

Concen: 46.492 ug/l

RT: 10.209 min Scan# 1376

Delta R.T. 0.018 min

Lab File: VY017043.D

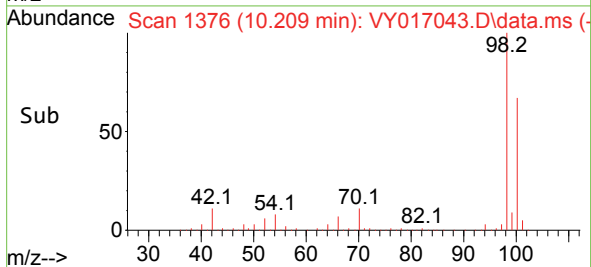
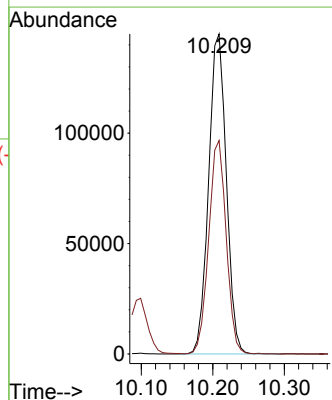
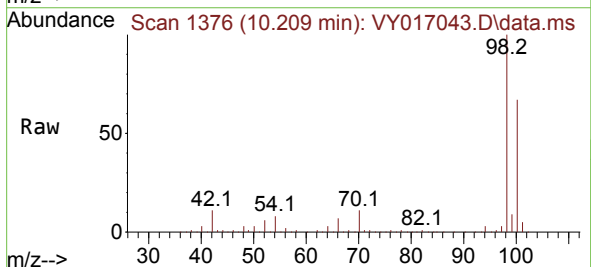
Acq: 19 Jan 2024 09:29

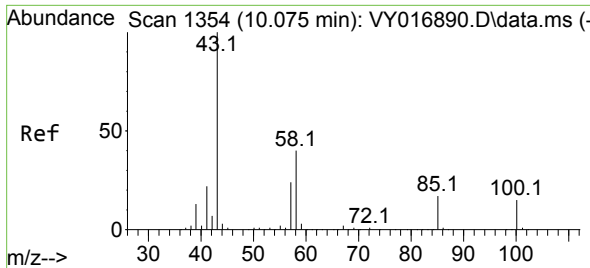
Tgt Ion: 98 Resp: 249127

Ion Ratio Lower Upper

98 100

100 65.9 52.3 78.5

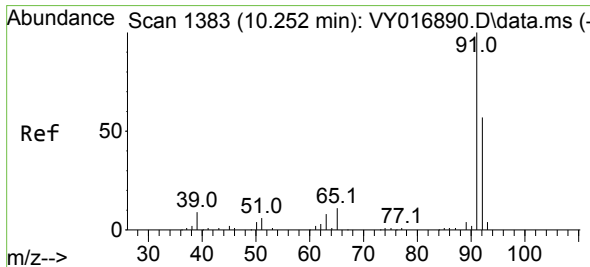
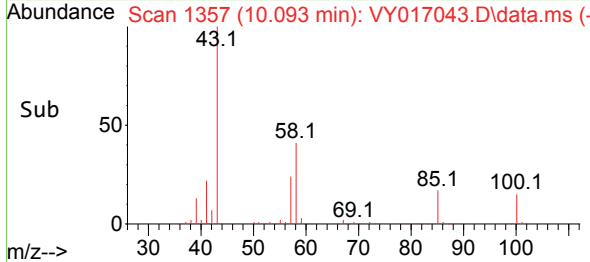
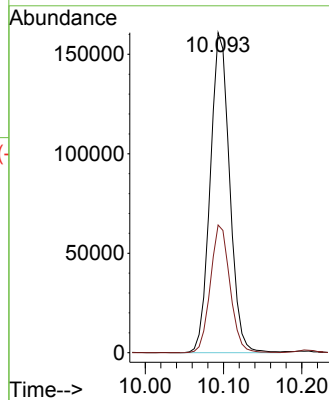
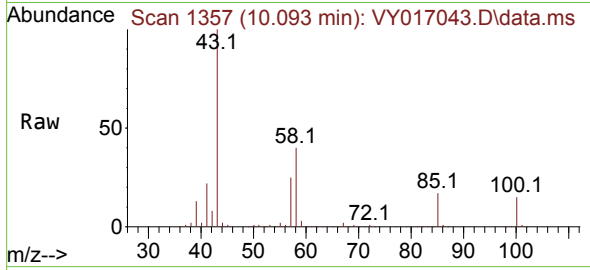




#51
4-Methyl-2-Pentanone
Concen: 263.665 ug/l
RT: 10.093 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017043.D
Acq: 19 Jan 2024 09:29

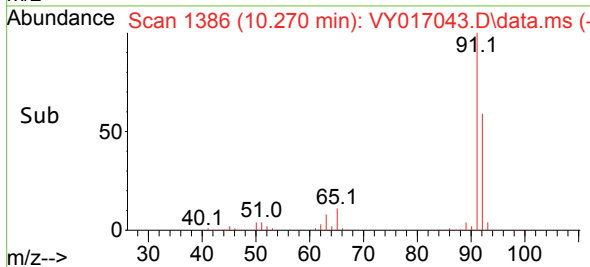
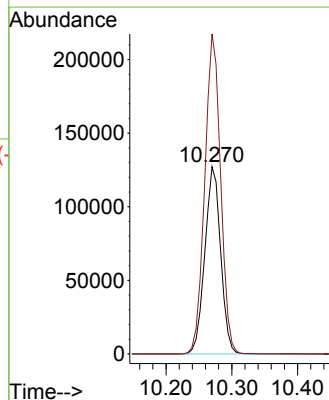
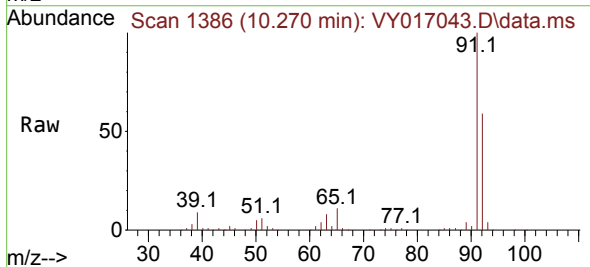
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

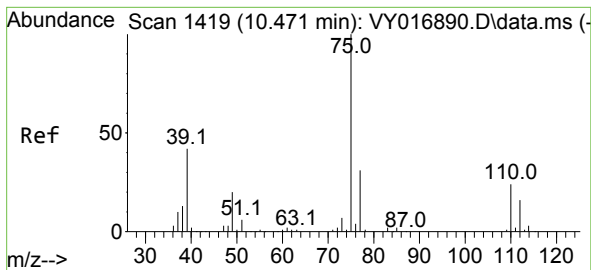
Tgt Ion: 43 Resp: 276734
Ion Ratio Lower Upper
43 100
58 40.2 32.2 48.2



#52
Toluene
Concen: 51.796 ug/l
RT: 10.270 min Scan# 1386
Delta R.T. 0.018 min
Lab File: VY017043.D
Acq: 19 Jan 2024 09:29

Tgt Ion: 92 Resp: 212655
Ion Ratio Lower Upper
92 100
91 171.7 137.6 206.4

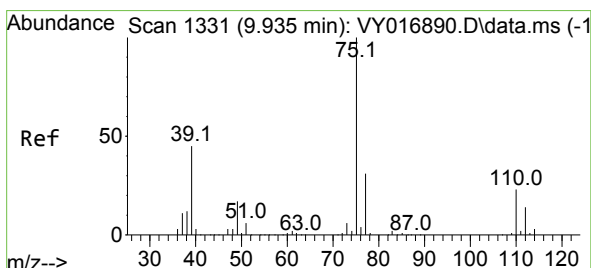
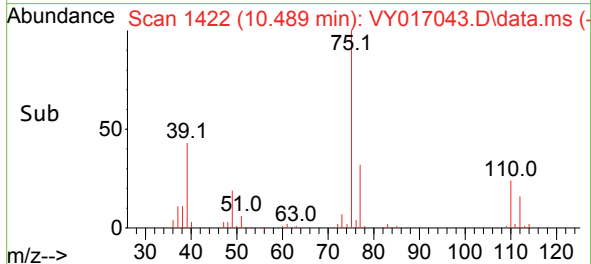
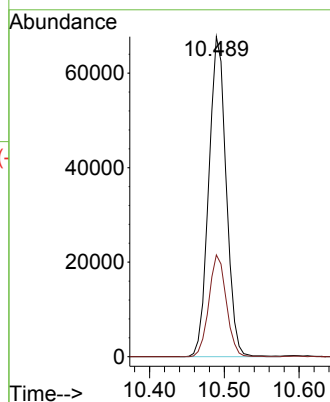
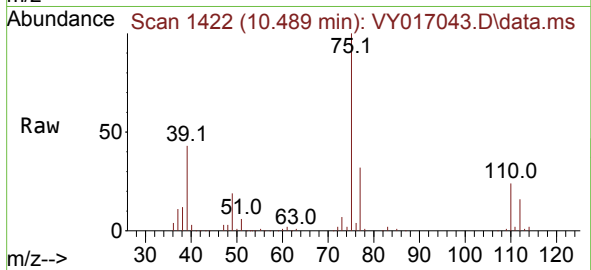




#53
t-1,3-Dichloropropene
Concen: 50.924 ug/l
RT: 10.489 min Scan# 1419
Delta R.T. 0.018 min
Lab File: VY017043.D
Acq: 19 Jan 2024 09:29

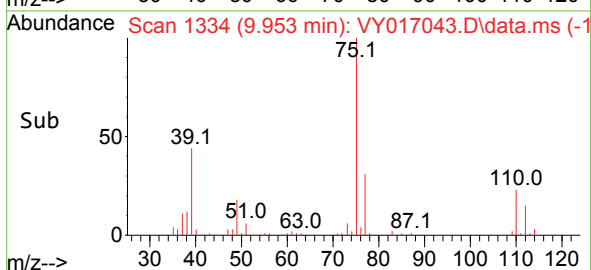
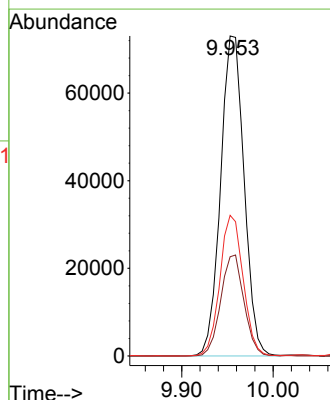
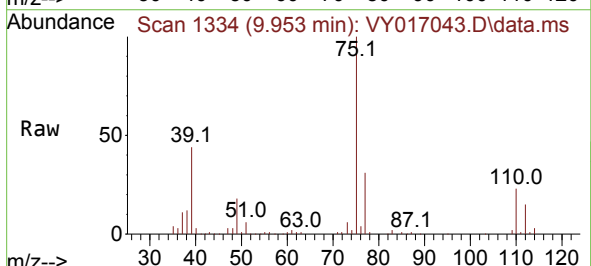
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

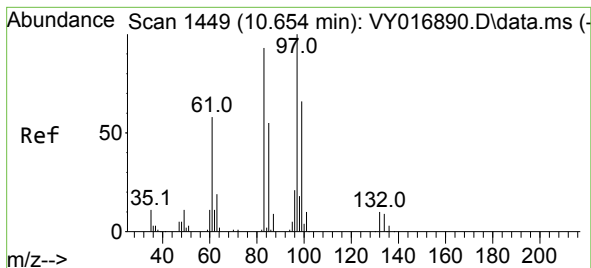
Tgt Ion: 75 Resp: 109483
Ion Ratio Lower Upper
75 100
77 31.8 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 50.653 ug/l
RT: 9.953 min Scan# 1334
Delta R.T. 0.012 min
Lab File: VY017043.D
Acq: 19 Jan 2024 09:29

Tgt Ion: 75 Resp: 130782
Ion Ratio Lower Upper
75 100
77 31.0 24.6 36.8
39 44.0 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 48.818 ug/l

RT: 10.672 min Scan# 1449

Delta R.T. 0.018 min

Lab File: VY017043.D

Acq: 19 Jan 2024 09:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 63747

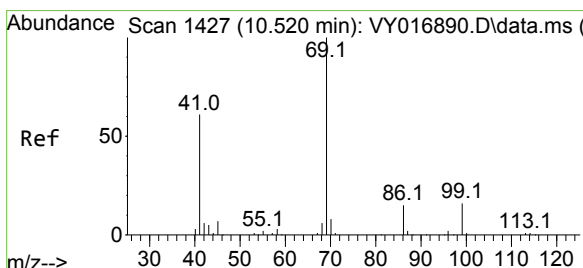
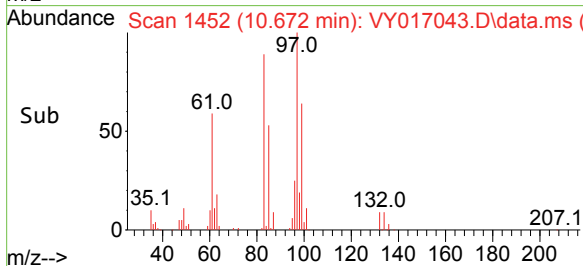
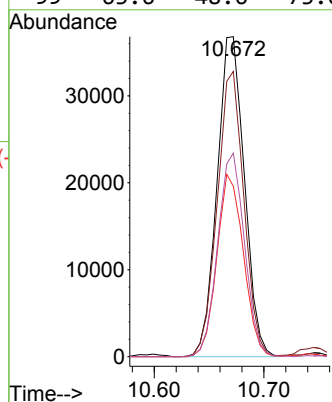
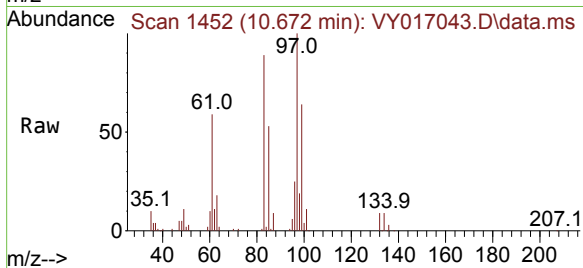
Ion Ratio Lower Upper

97 100

83 89.1 69.4 104.2

85 53.3 43.9 65.9

99 63.6 48.6 73.0



#56

Ethyl methacrylate

Concen: 54.457 ug/l

RT: 10.538 min Scan# 1430

Delta R.T. 0.018 min

Lab File: VY017043.D

Acq: 19 Jan 2024 09:29

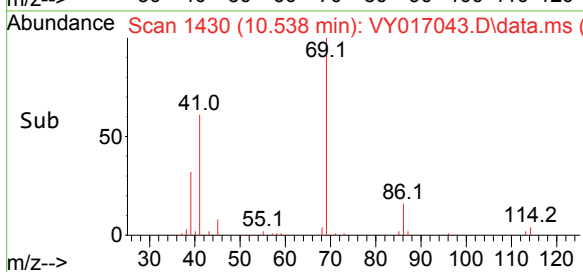
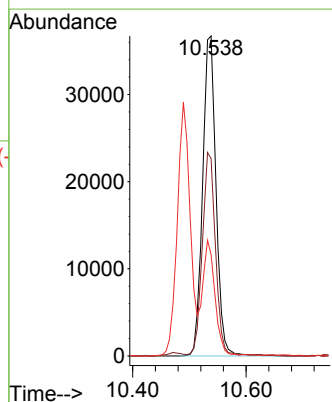
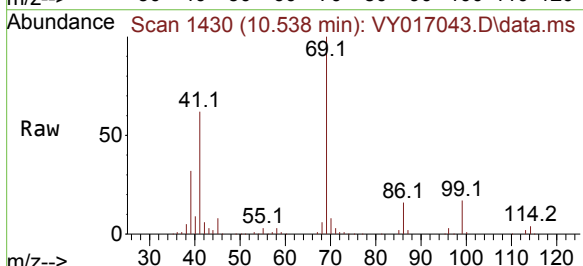
Tgt Ion: 69 Resp: 60231

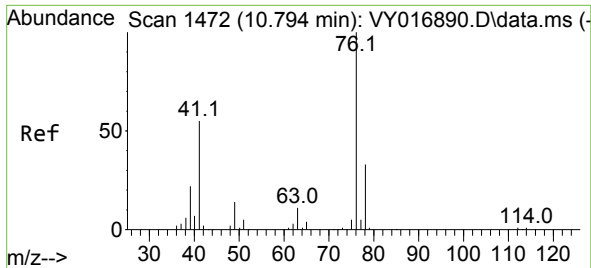
Ion Ratio Lower Upper

69 100

41 61.6 49.2 73.8

39 33.5 26.8 40.2

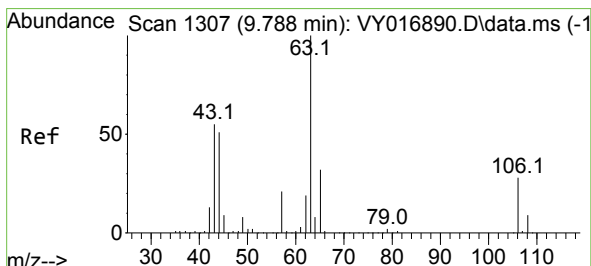
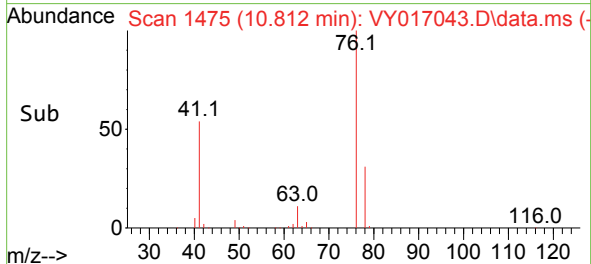
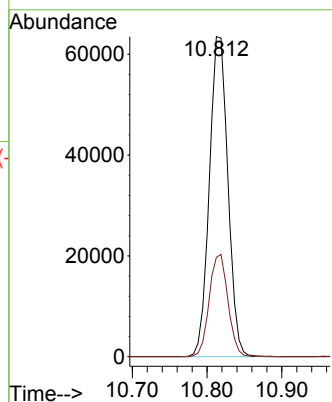
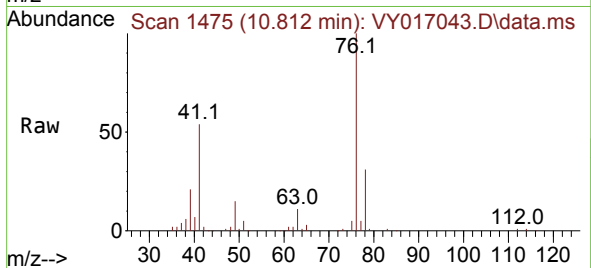




#57
1,3-Dichloropropane
Concen: 50.366 ug/l
RT: 10.812 min Scan# 1475
Delta R.T. 0.012 min
Lab File: VY017043.D
Acq: 19 Jan 2024 09:29

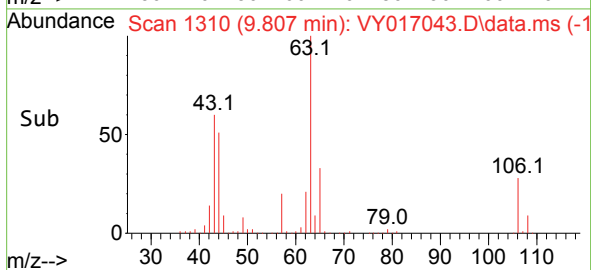
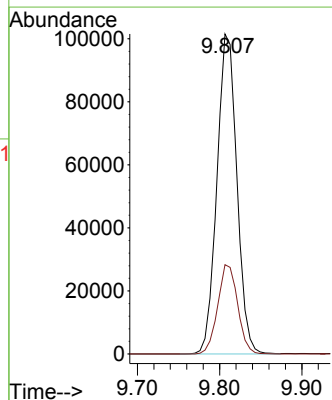
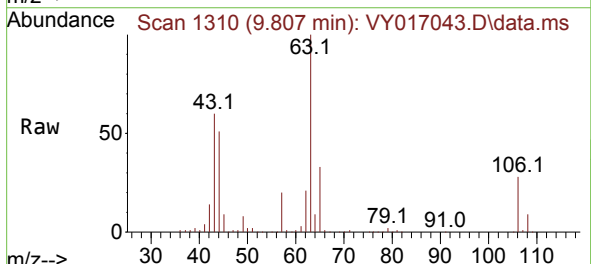
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

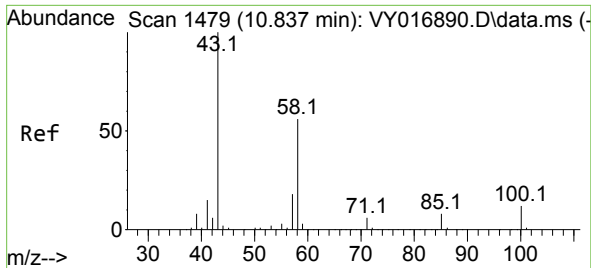
Tgt Ion: 76 Resp: 109808
Ion Ratio Lower Upper
76 100
78 32.1 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 246.577 ug/l
RT: 9.807 min Scan# 1310
Delta R.T. 0.019 min
Lab File: VY017043.D
Acq: 19 Jan 2024 09:29

Tgt Ion: 63 Resp: 171435
Ion Ratio Lower Upper
63 100
106 27.9 22.4 33.6

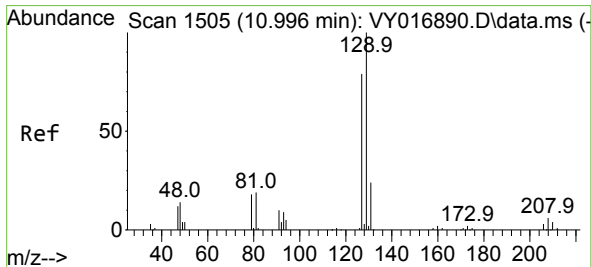
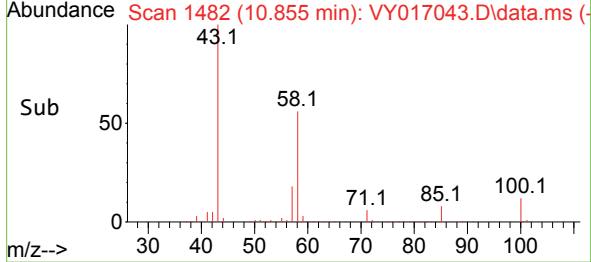
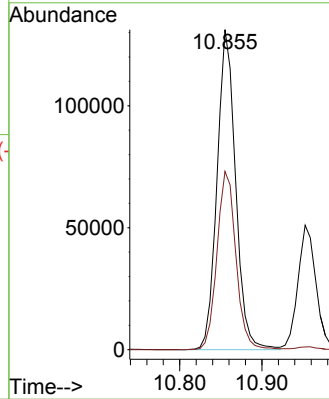
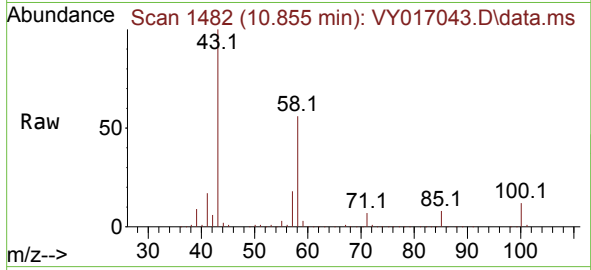




#59
2-Hexanone
Concen: 265.898 ug/l
RT: 10.855 min Scan# 1479
Delta R.T. 0.012 min
Lab File: VY017043.D
Acq: 19 Jan 2024 09:29

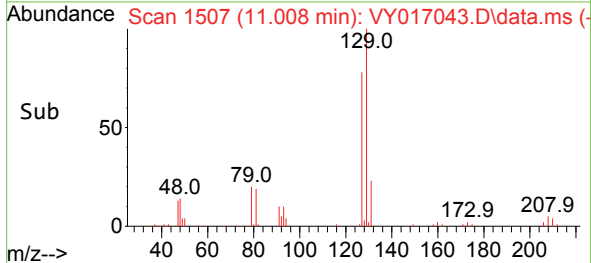
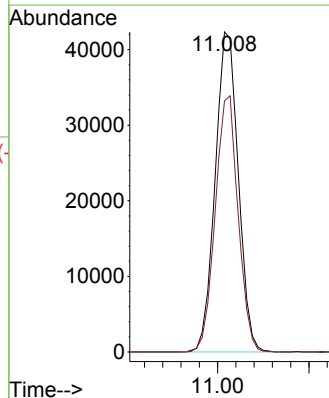
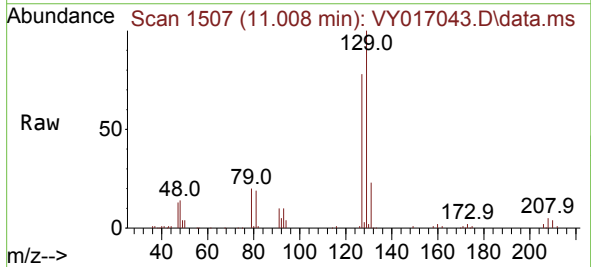
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

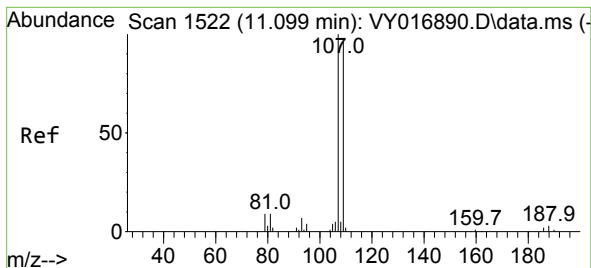
Tgt Ion: 43 Resp: 205494
Ion Ratio Lower Upper
43 100
58 57.1 28.1 84.3



#60
Dibromochloromethane
Concen: 49.332 ug/l
RT: 11.008 min Scan# 1507
Delta R.T. 0.012 min
Lab File: VY017043.D
Acq: 19 Jan 2024 09:29

Tgt Ion: 129 Resp: 74289
Ion Ratio Lower Upper
129 100
127 79.1 39.2 117.6





#61

1,2-Dibromoethane

Concen: 52.012 ug/l

RT: 11.117 min Scan# 1

Delta R.T. 0.018 min

Lab File: VY017043.D

Acq: 19 Jan 2024 09:29

Instrument :

MSVOA_Y

ClientSampleId :

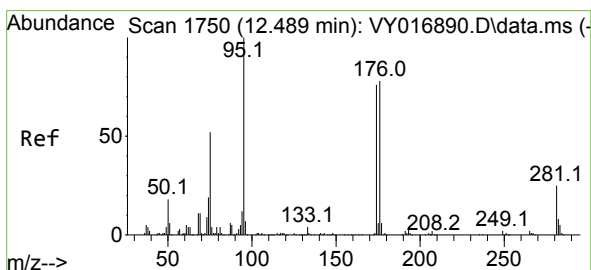
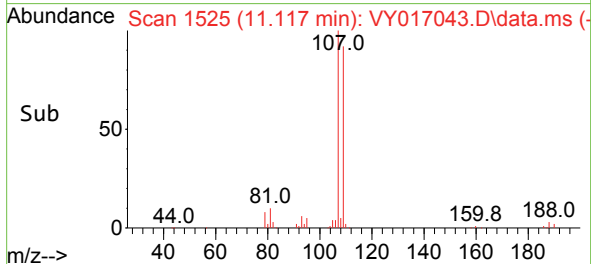
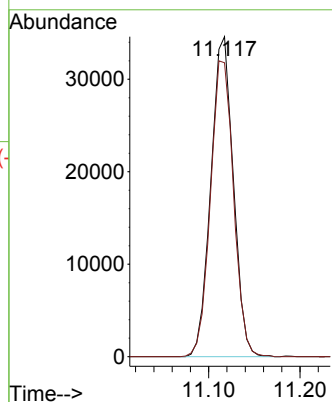
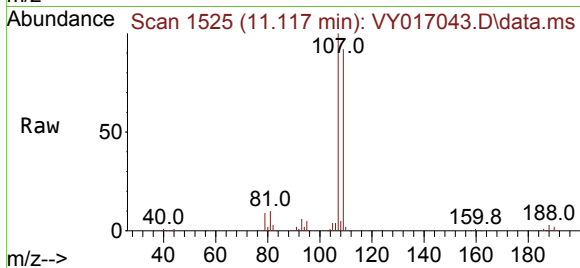
VSTDCCC050

Tgt Ion:107 Resp: 59010

Ion Ratio Lower Upper

107 100

109 94.9 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 48.552 ug/l

RT: 12.507 min Scan# 1753

Delta R.T. 0.018 min

Lab File: VY017043.D

Acq: 19 Jan 2024 09:29

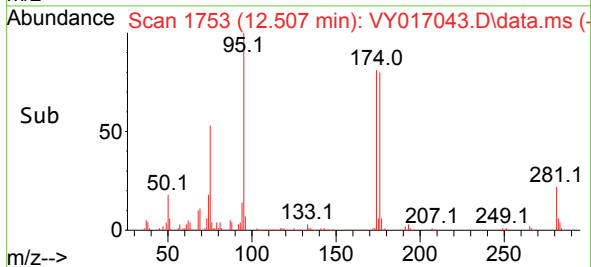
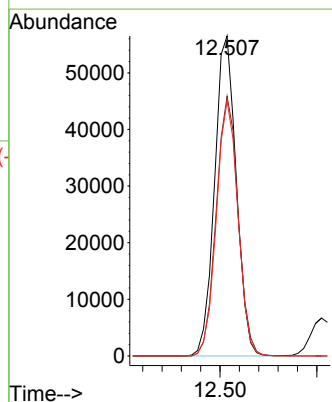
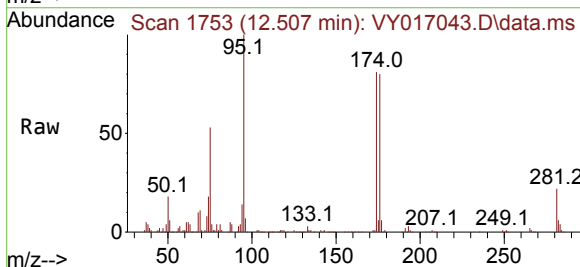
Tgt Ion: 95 Resp: 87777

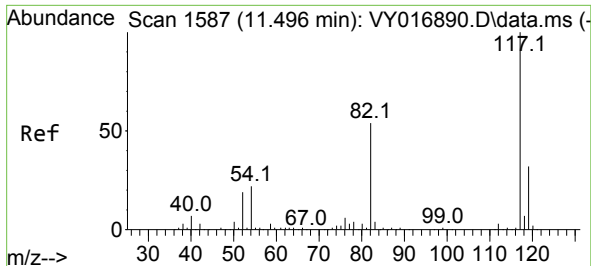
Ion Ratio Lower Upper

95 100

174 81.9 0.0 160.0

176 79.1 0.0 151.8

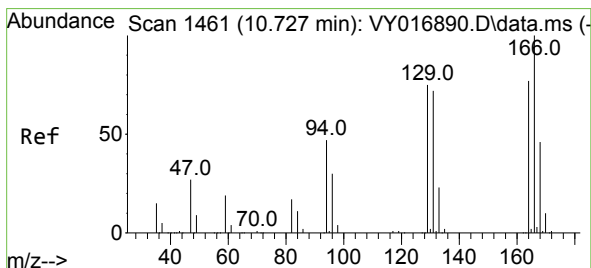
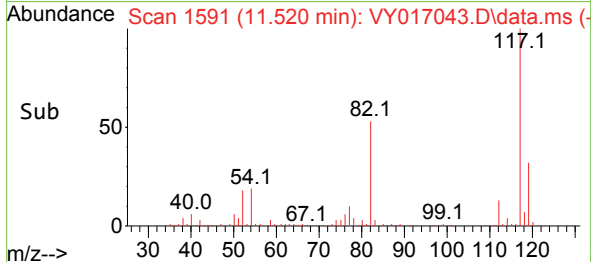
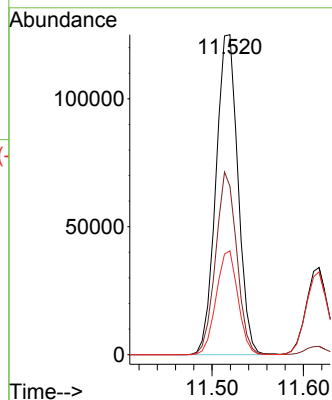
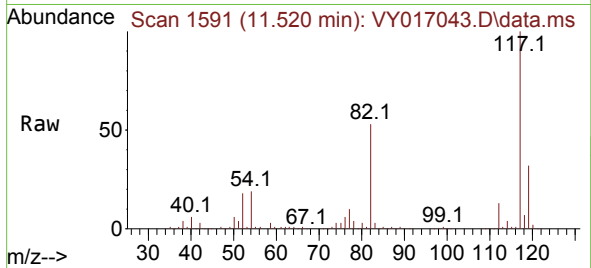




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY017043.D
Acq: 19 Jan 2024 09:29

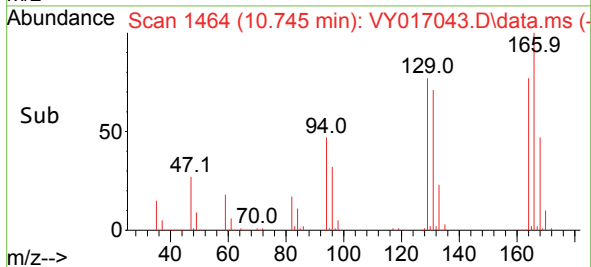
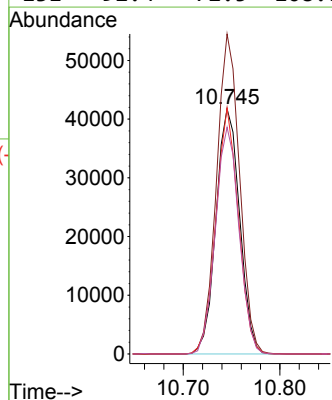
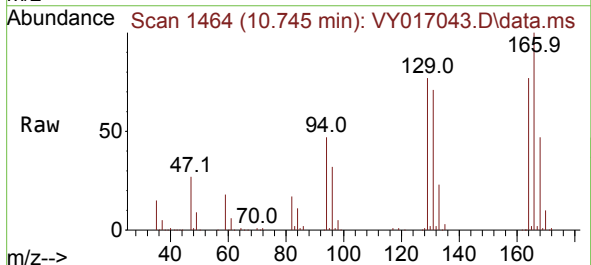
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

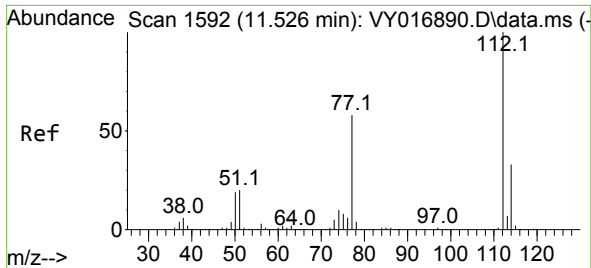
Tgt Ion:117 Resp: 209734
Ion Ratio Lower Upper
117 100
82 52.6 43.8 65.8
119 32.5 26.5 39.7



#64
Tetrachloroethene
Concen: 51.947 ug/l
RT: 10.745 min Scan# 1464
Delta R.T. 0.018 min
Lab File: VY017043.D
Acq: 19 Jan 2024 09:29

Tgt Ion:164 Resp: 70635
Ion Ratio Lower Upper
164 100
166 130.5 98.8 148.2
129 100.3 78.9 118.3
131 92.4 72.5 108.7

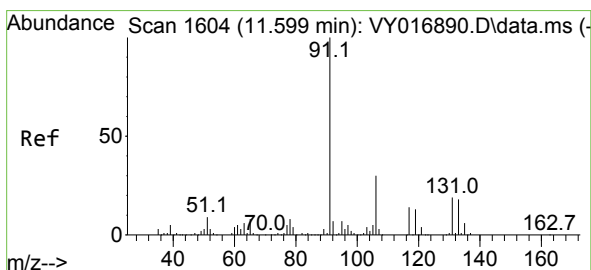
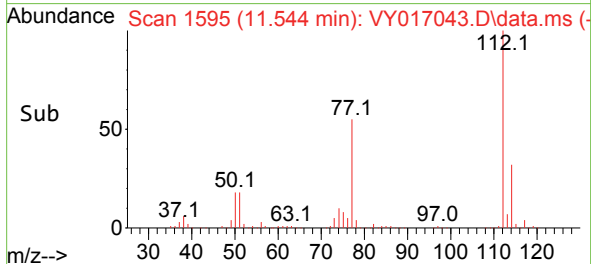
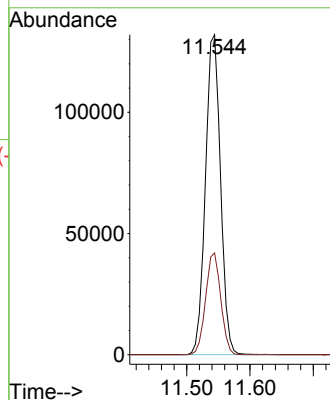
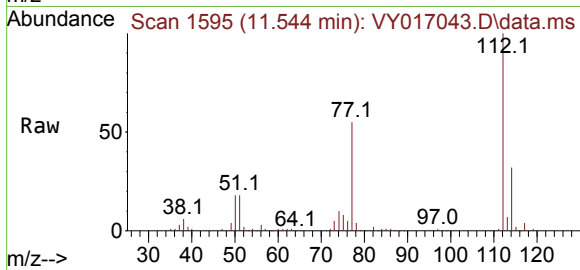




#65
Chlorobenzene
Concen: 50.168 ug/l
RT: 11.544 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY017043.D
Acq: 19 Jan 2024 09:29

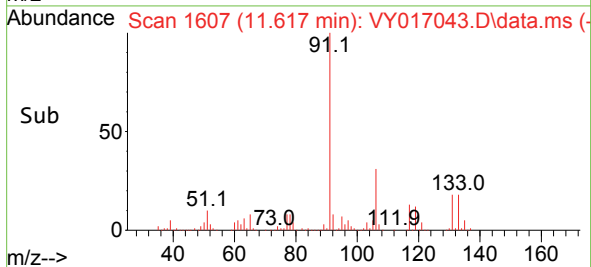
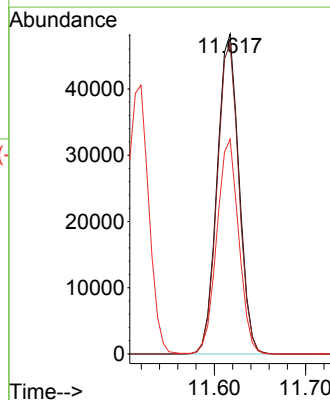
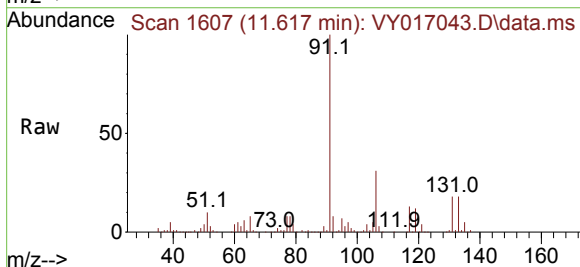
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

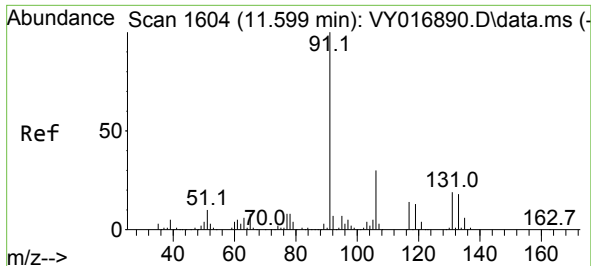
Tgt Ion:112 Resp: 219192
Ion Ratio Lower Upper
112 100
114 31.8 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 48.271 ug/l
RT: 11.617 min Scan# 1607
Delta R.T. 0.018 min
Lab File: VY017043.D
Acq: 19 Jan 2024 09:29

Tgt Ion:131 Resp: 80172
Ion Ratio Lower Upper
131 100
133 96.5 47.0 141.0
119 67.3 33.3 99.9





#67

Ethyl Benzene

Concen: 51.425 ug/l

RT: 11.617 min Scan# 1

Delta R.T. 0.018 min

Lab File: VY017043.D

Acq: 19 Jan 2024 09:29

Instrument :

MSVOA_Y

ClientSampleId :

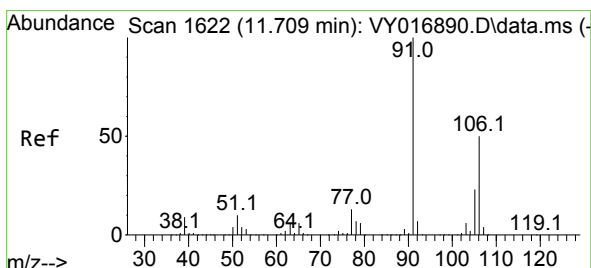
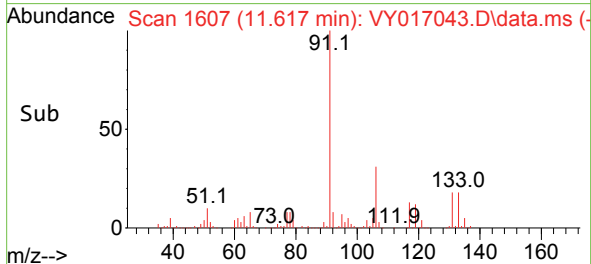
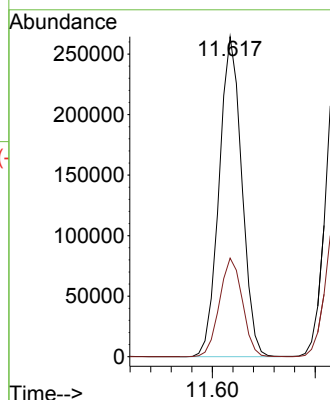
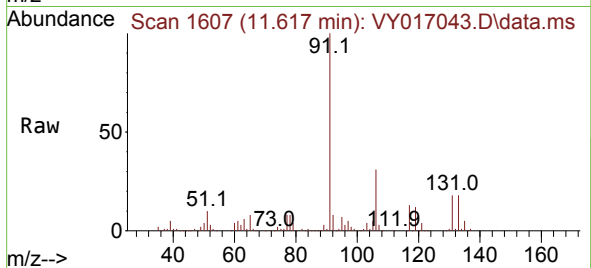
VSTDCCC050

Tgt Ion: 91 Resp: 404503

Ion Ratio Lower Upper

91 100

106 30.8 25.0 37.4



#68

m/p-Xylenes

Concen: 105.960 ug/l

RT: 11.727 min Scan# 1625

Delta R.T. 0.018 min

Lab File: VY017043.D

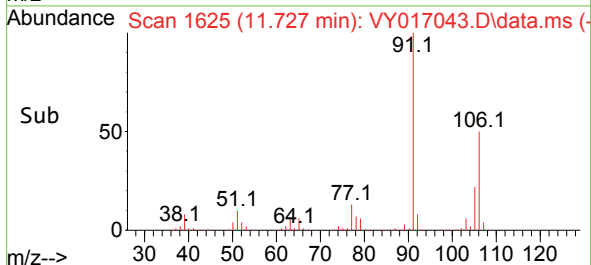
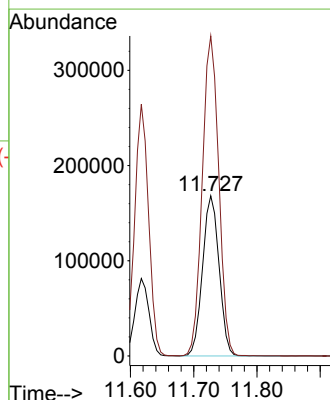
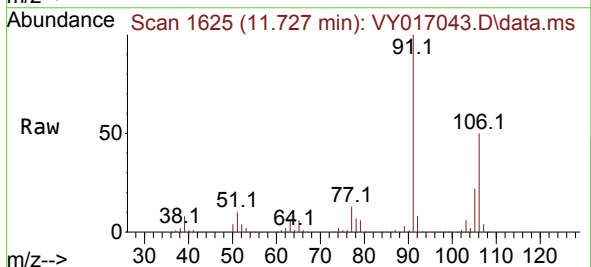
Acq: 19 Jan 2024 09:29

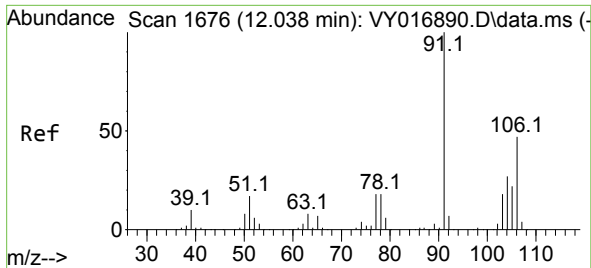
Tgt Ion:106 Resp: 305936

Ion Ratio Lower Upper

106 100

91 199.5 160.7 241.1

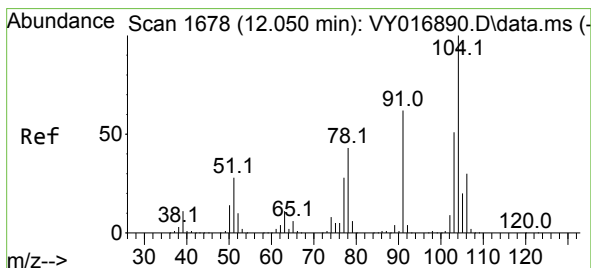
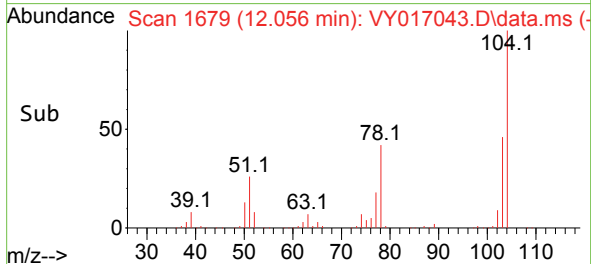
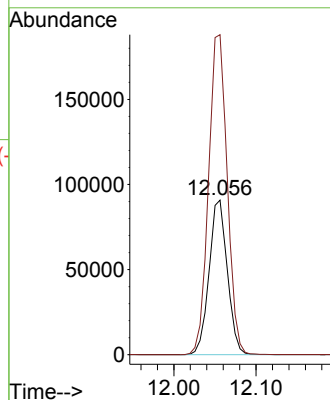
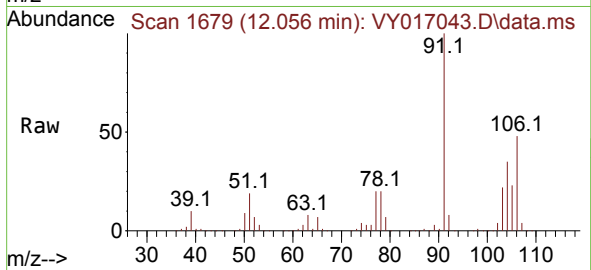




#69
o-Xylene
Concen: 51.718 ug/l
RT: 12.056 min Scan# 1679
Delta R.T. 0.018 min
Lab File: VY017043.D
Acq: 19 Jan 2024 09:29

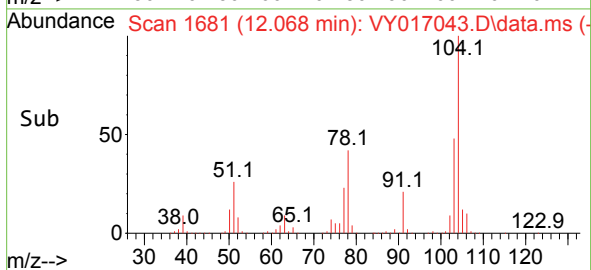
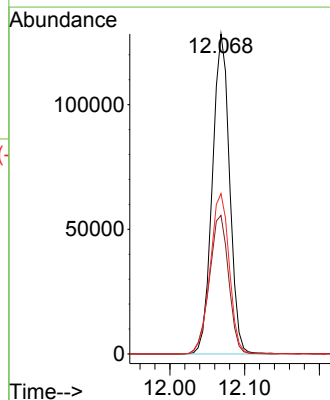
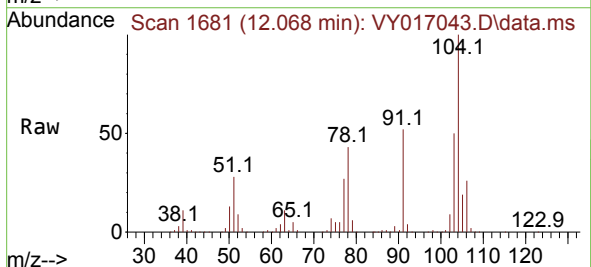
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

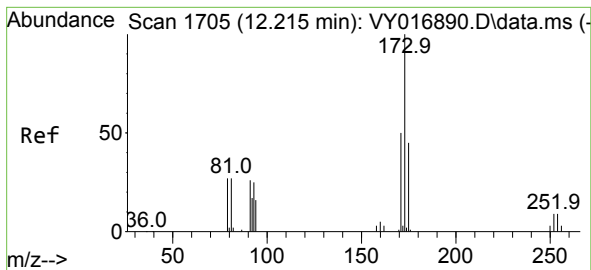
Tgt Ion:106 Resp: 139989
Ion Ratio Lower Upper
106 100
91 212.0 106.5 319.5



#70
Styrene
Concen: 52.228 ug/l
RT: 12.068 min Scan# 1681
Delta R.T. 0.018 min
Lab File: VY017043.D
Acq: 19 Jan 2024 09:29

Tgt Ion:104 Resp: 205751
Ion Ratio Lower Upper
104 100
78 48.5 39.2 58.8
103 55.4 43.8 65.6





#71

Bromoform

Concen: 51.311 ug/l

RT: 12.233 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY017043.D

Acq: 19 Jan 2024 09:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

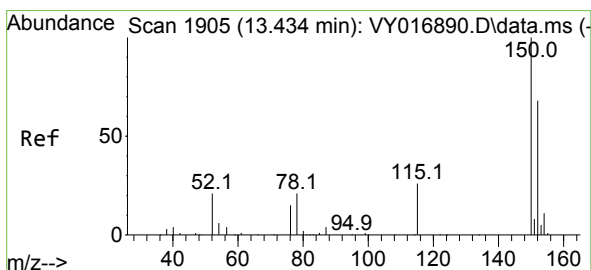
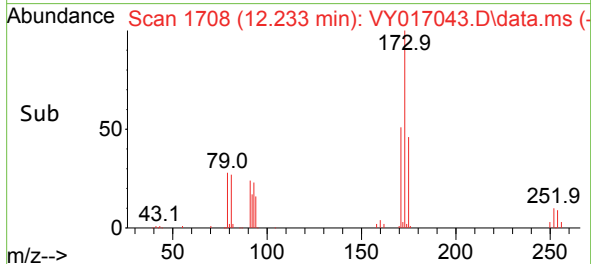
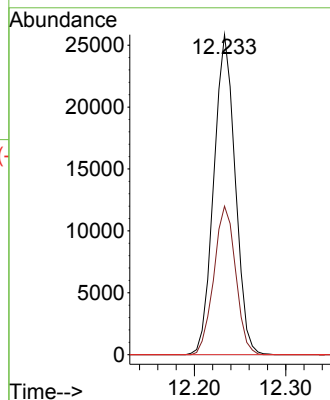
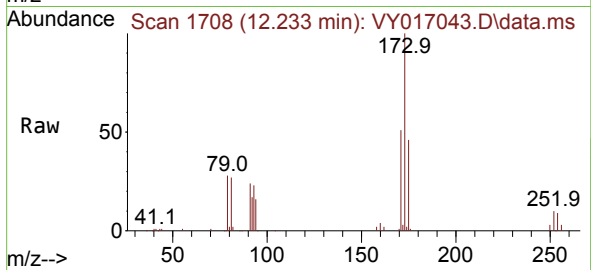
Tgt Ion:173 Resp: 41954

Ion Ratio Lower Upper

173 100

175 47.3 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. 0.018 min

Lab File: VY017043.D

Acq: 19 Jan 2024 09:29

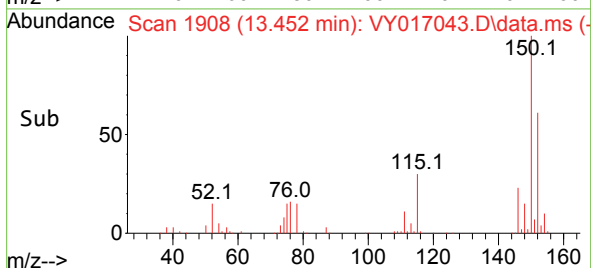
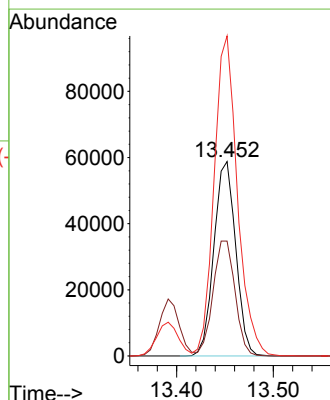
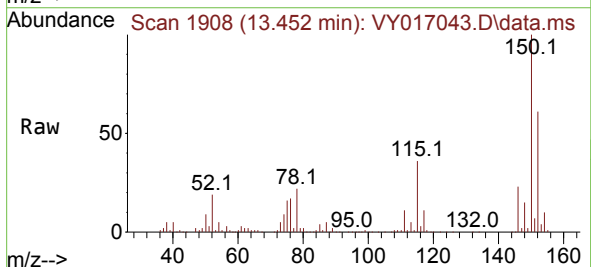
Tgt Ion:152 Resp: 92055

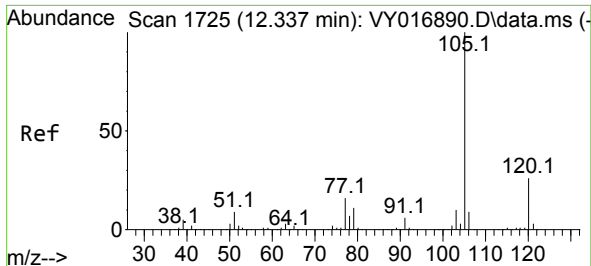
Ion Ratio Lower Upper

152 100

115 59.5 30.0 90.0

150 175.7 0.0 344.6

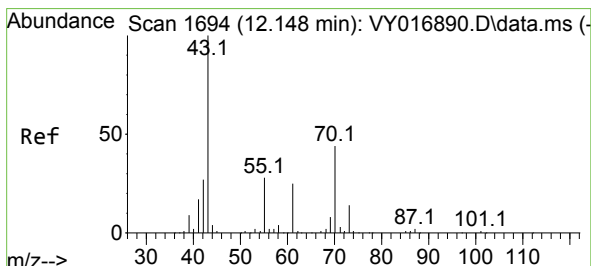
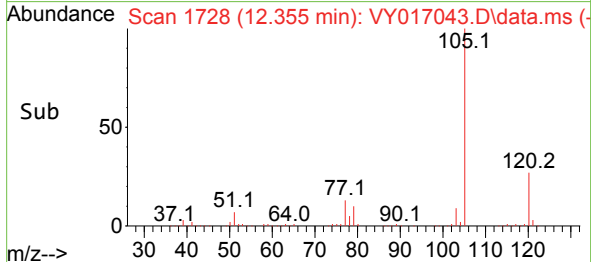
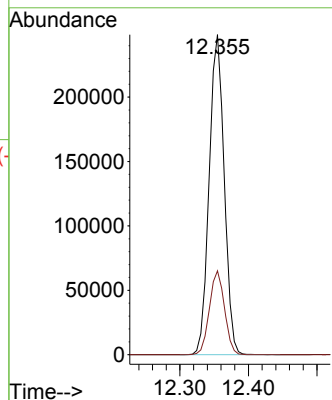
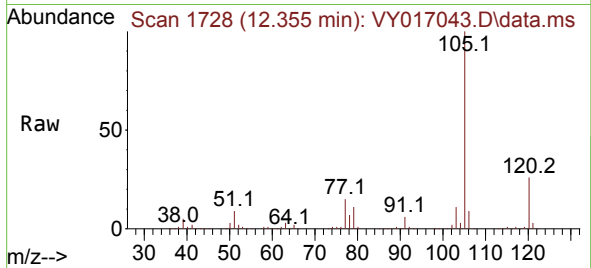




#73
Isopropylbenzene
Concen: 50.445 ug/l
RT: 12.355 min Scan# 1728
Delta R.T. 0.018 min
Lab File: VY017043.D
Acq: 19 Jan 2024 09:29

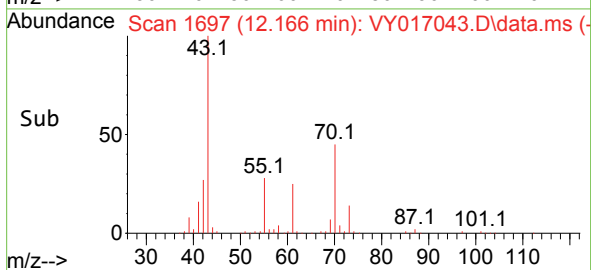
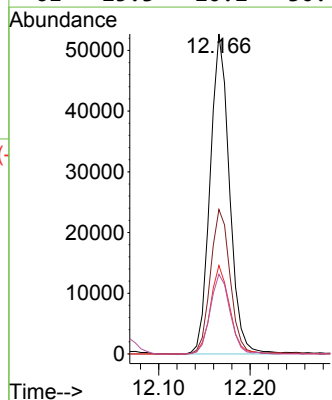
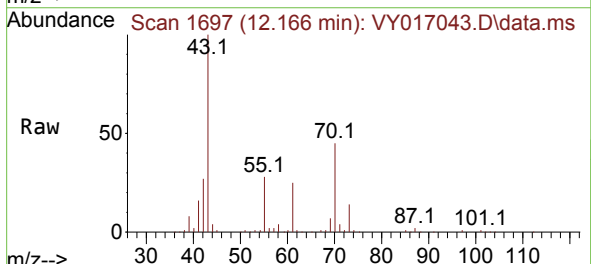
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

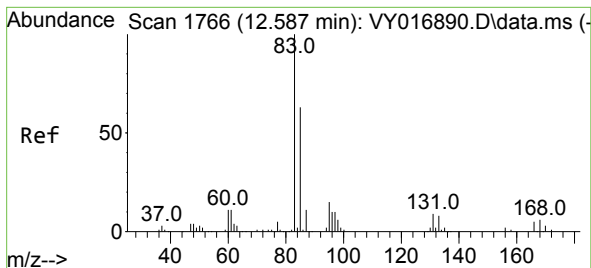
Tgt Ion:105 Resp: 379205
Ion Ratio Lower Upper
105 100
120 26.2 13.0 39.0



#74
N-ethyl acetate
Concen: 51.292 ug/l
RT: 12.166 min Scan# 1697
Delta R.T. 0.012 min
Lab File: VY017043.D
Acq: 19 Jan 2024 09:29

Tgt Ion: 43 Resp: 77468
Ion Ratio Lower Upper
43 100
70 46.3 36.6 55.0
55 27.4 22.2 33.4
61 25.3 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 48.223 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.012 min

Lab File: VY017043.D

Acq: 19 Jan 2024 09:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

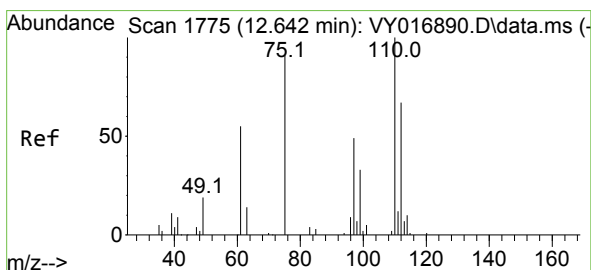
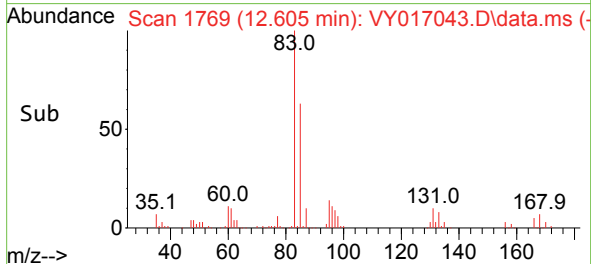
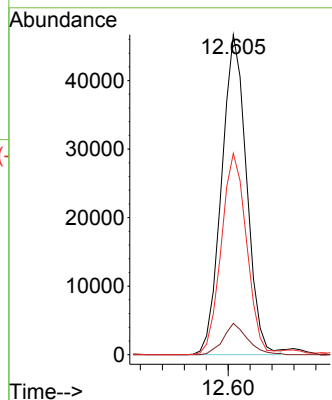
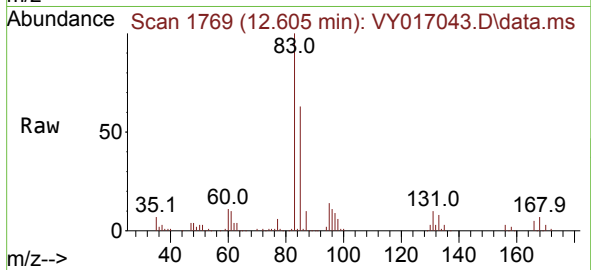
Tgt Ion: 83 Resp: 73862

Ion Ratio Lower Upper

83 100

131 9.5 4.9 14.6

85 64.0 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 88.018 ug/l

RT: 12.660 min Scan# 1778

Delta R.T. 0.018 min

Lab File: VY017043.D

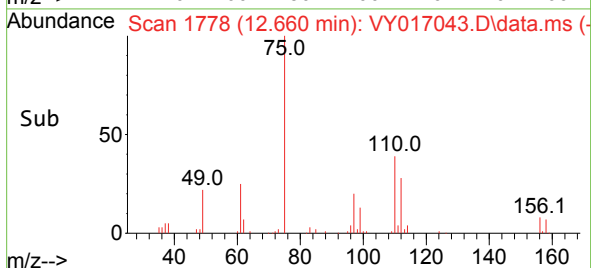
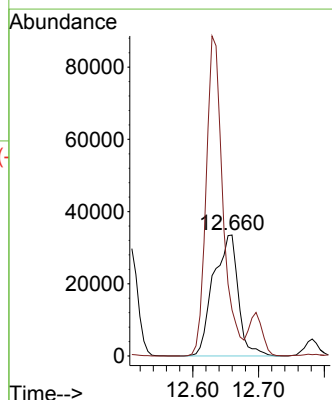
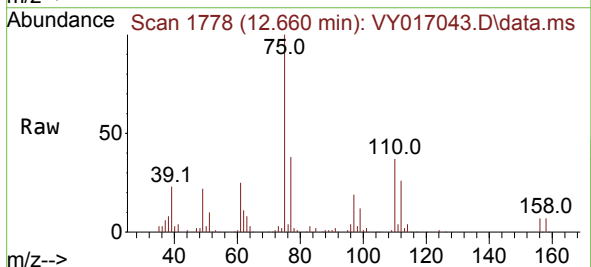
Acq: 19 Jan 2024 09:29

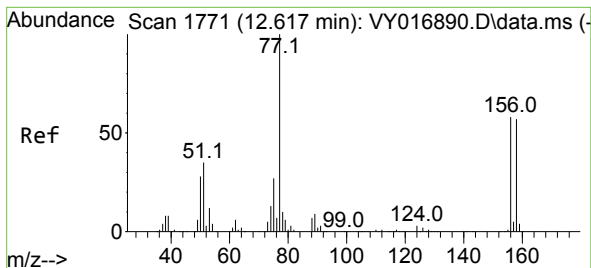
Tgt Ion: 75 Resp: 87927

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.547 ug/l

RT: 12.635 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY017043.D

Acq: 19 Jan 2024 09:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

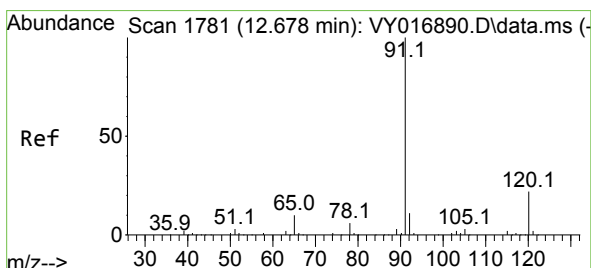
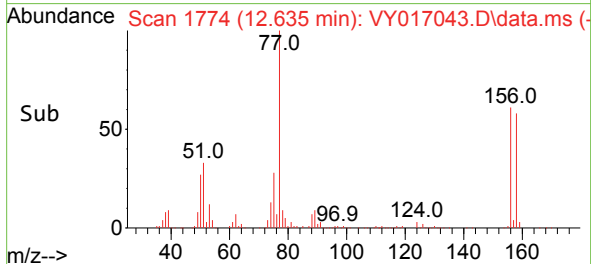
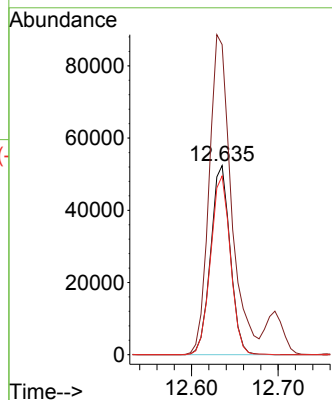
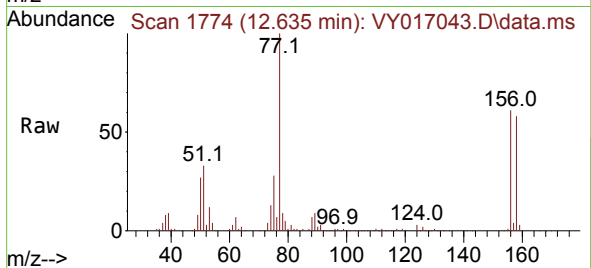
Tgt Ion:156 Resp: 82005

Ion Ratio Lower Upper

156 100

77 192.3 97.3 291.8

158 95.7 48.4 145.0



#78

n-propylbenzene

Concen: 50.820 ug/l

RT: 12.696 min Scan# 1784

Delta R.T. 0.018 min

Lab File: VY017043.D

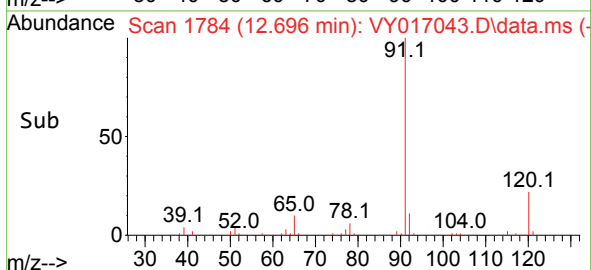
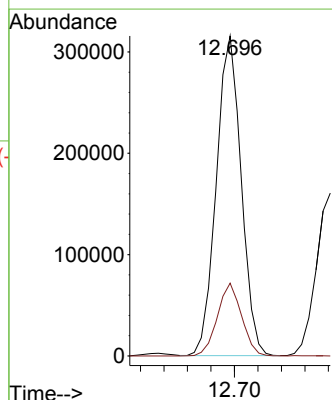
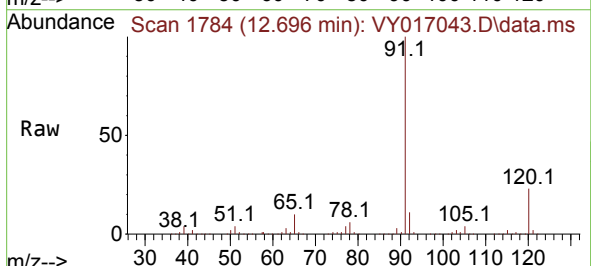
Acq: 19 Jan 2024 09:29

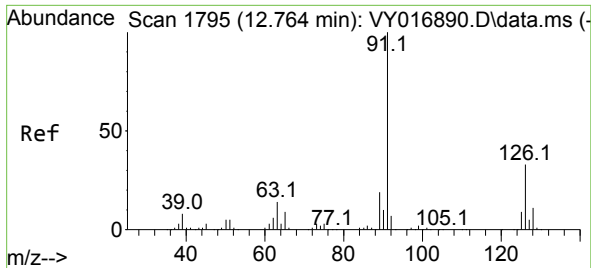
Tgt Ion: 91 Resp: 464435

Ion Ratio Lower Upper

91 100

120 22.1 11.0 33.0

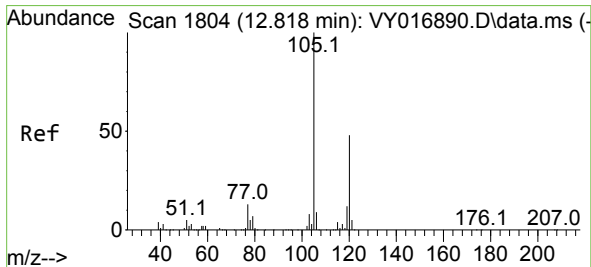
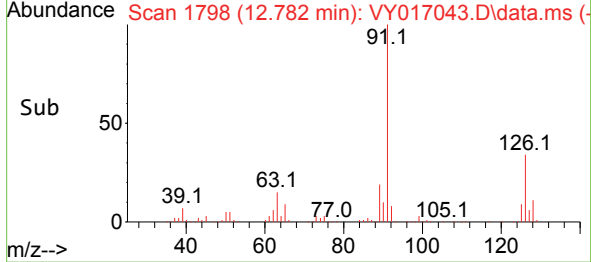
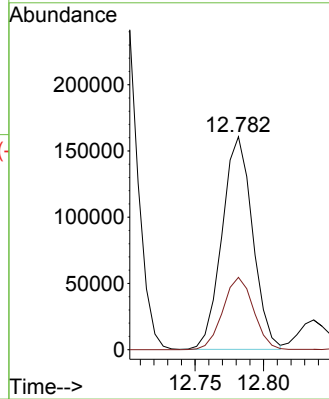
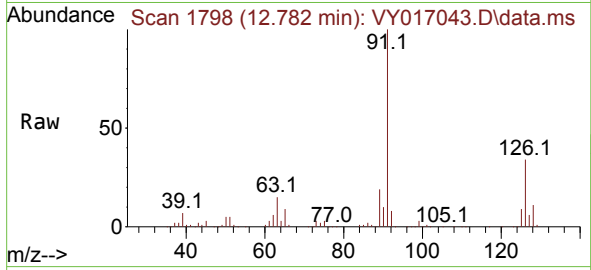




#79
2-Chlorotoluene
Concen: 49.286 ug/l
RT: 12.782 min Scan# 1798
Delta R.T. 0.019 min
Lab File: VY017043.D
Acq: 19 Jan 2024 09:29

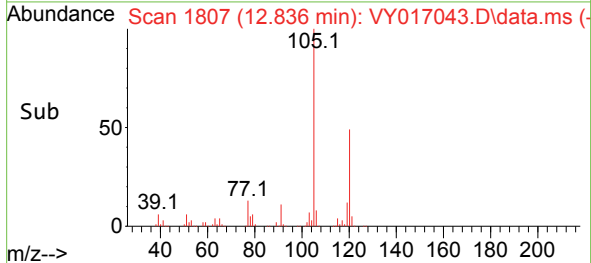
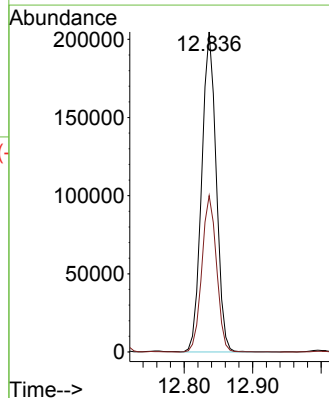
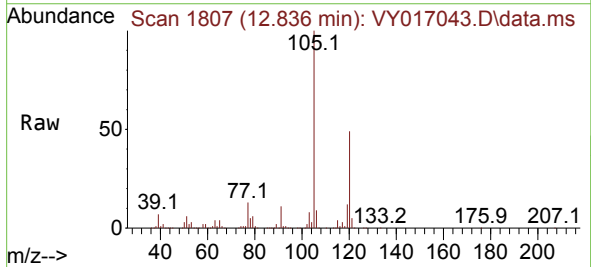
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

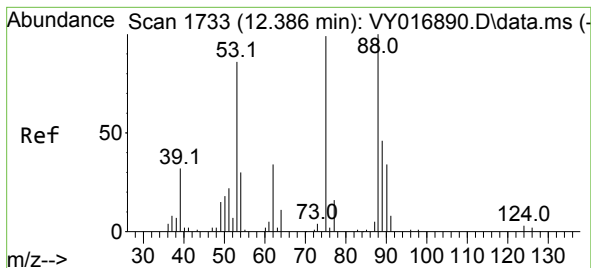
Tgt Ion: 91 Resp: 249766
Ion Ratio Lower Upper
91 100
126 34.1 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 50.850 ug/l
RT: 12.836 min Scan# 1807
Delta R.T. 0.018 min
Lab File: VY017043.D
Acq: 19 Jan 2024 09:29

Tgt Ion: 105 Resp: 302317
Ion Ratio Lower Upper
105 100
120 49.3 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 50.045 ug/l

RT: 12.404 min Scan# 1

Delta R.T. 0.019 min

Lab File: VY017043.D

Acq: 19 Jan 2024 09:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

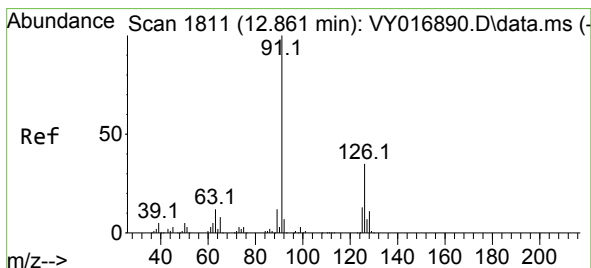
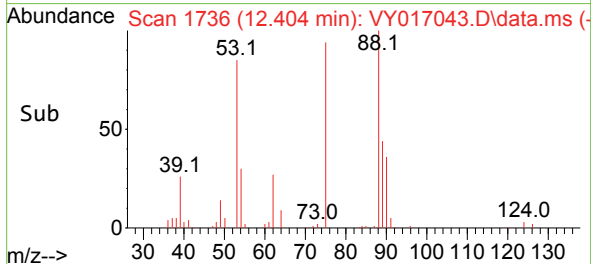
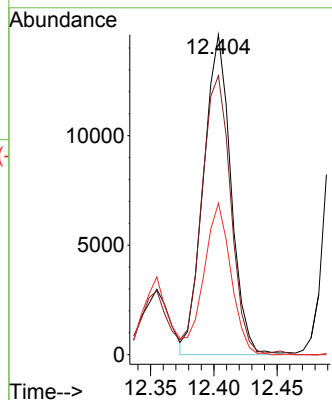
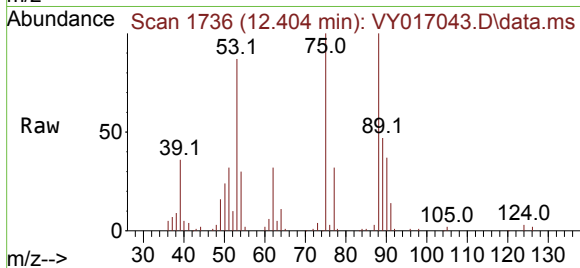
Tgt Ion: 75 Resp: 22016

Ion Ratio Lower Upper

75 100

53 90.8 74.0 111.0

89 46.9 36.5 54.7



#82

4-Chlorotoluene

Concen: 49.770 ug/l

RT: 12.879 min Scan# 1814

Delta R.T. 0.018 min

Lab File: VY017043.D

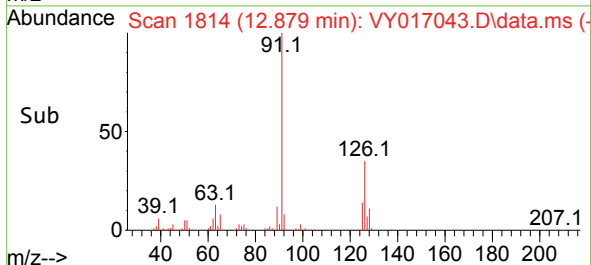
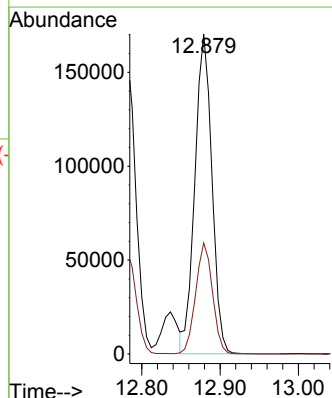
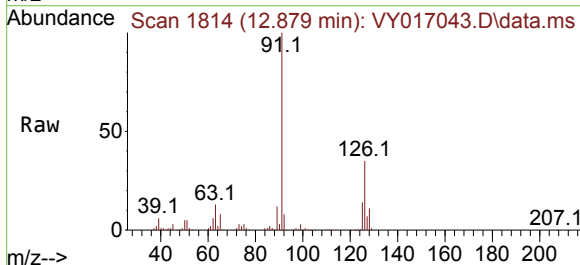
Acq: 19 Jan 2024 09:29

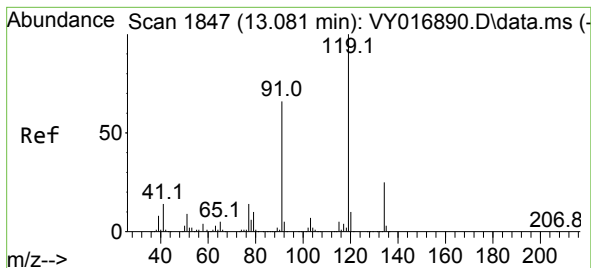
Tgt Ion: 91 Resp: 257675

Ion Ratio Lower Upper

91 100

126 34.4 17.1 51.2





#83

tert-Butylbenzene

Concen: 50.315 ug/l

RT: 13.099 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017043.D

Acq: 19 Jan 2024 09:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

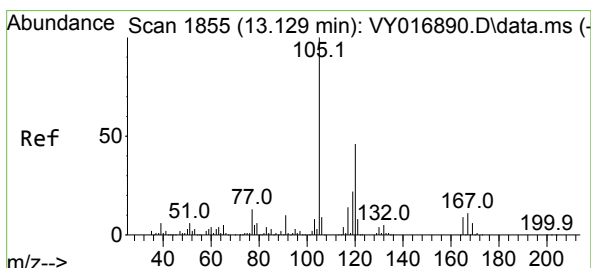
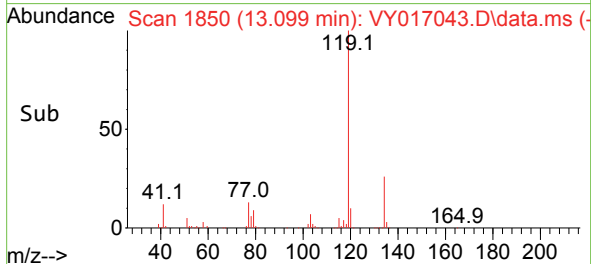
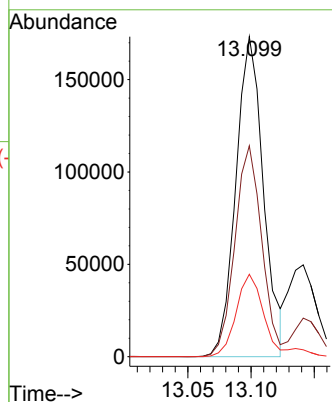
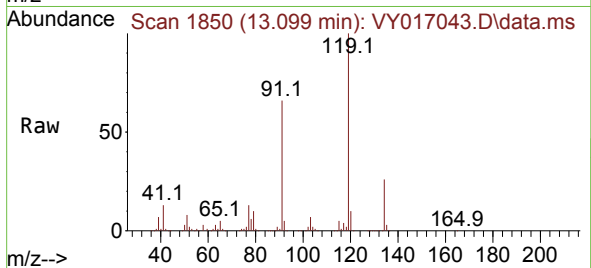
Tgt Ion:119 Resp: 263475

Ion Ratio Lower Upper

119 100

91 64.1 31.5 94.5

134 27.1 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 51.382 ug/l

RT: 13.141 min Scan# 1857

Delta R.T. 0.012 min

Lab File: VY017043.D

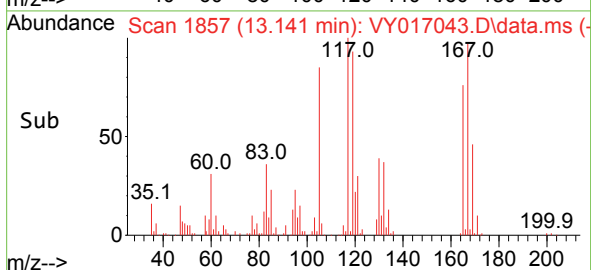
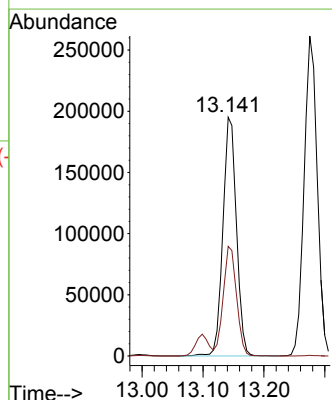
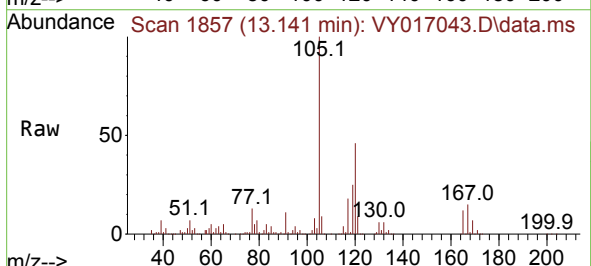
Acq: 19 Jan 2024 09:29

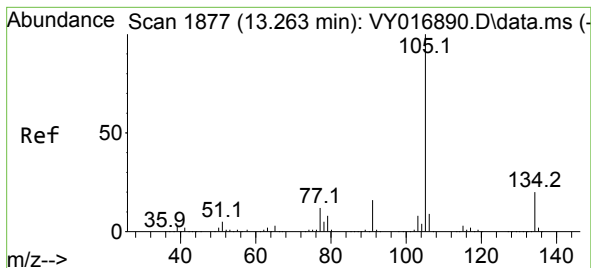
Tgt Ion:105 Resp: 300836

Ion Ratio Lower Upper

105 100

120 45.1 22.1 66.3





#85

sec-Butylbenzene

Concen: 50.390 ug/l

RT: 13.275 min Scan# 1879

Delta R.T. 0.012 min

Lab File: VY017043.D

Acq: 19 Jan 2024 09:29

Instrument :

MSVOA_Y

ClientSampleId :

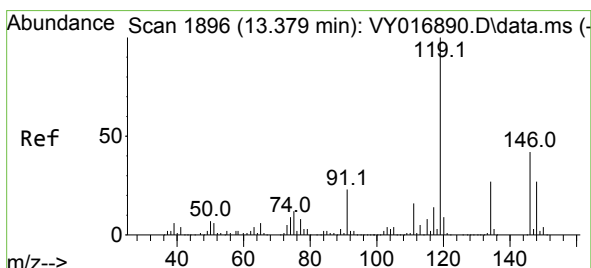
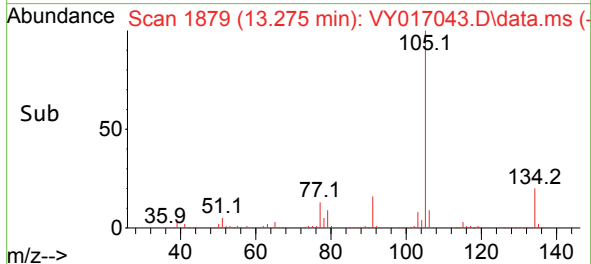
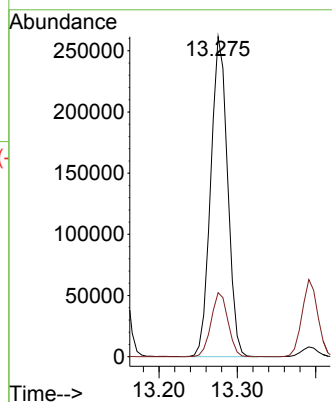
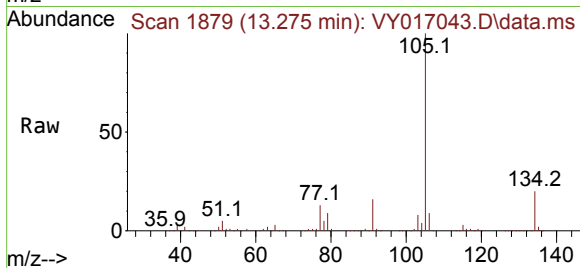
VSTDCCC050

Tgt Ion:105 Resp: 390976

Ion Ratio Lower Upper

105 100

134 20.0 9.7 28.9



#86

p-Isopropyltoluene

Concen: 51.418 ug/l

RT: 13.391 min Scan# 1898

Delta R.T. 0.012 min

Lab File: VY017043.D

Acq: 19 Jan 2024 09:29

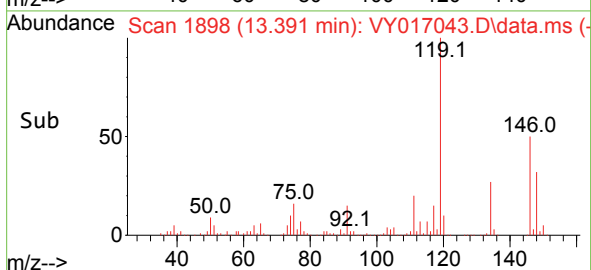
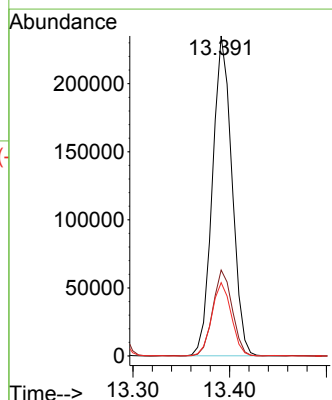
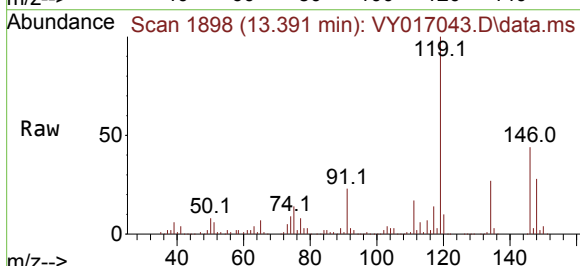
Tgt Ion:119 Resp: 329261

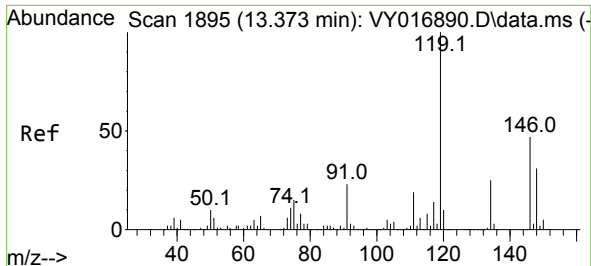
Ion Ratio Lower Upper

119 100

134 26.7 13.1 39.1

91 22.9 11.7 35.0

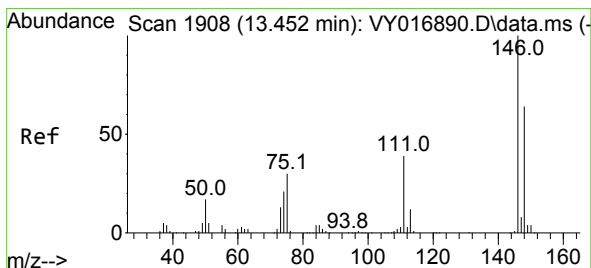
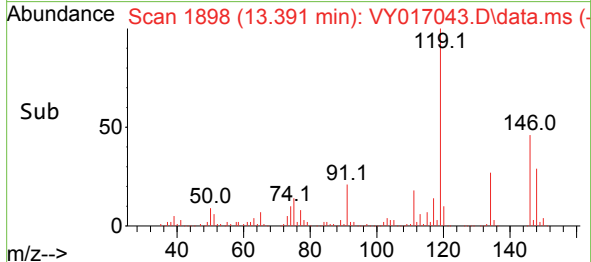
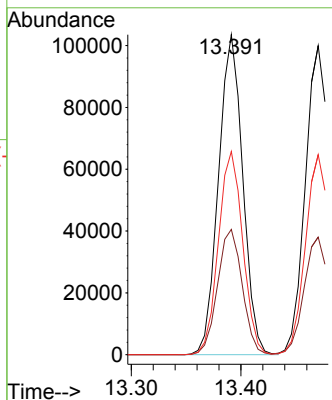
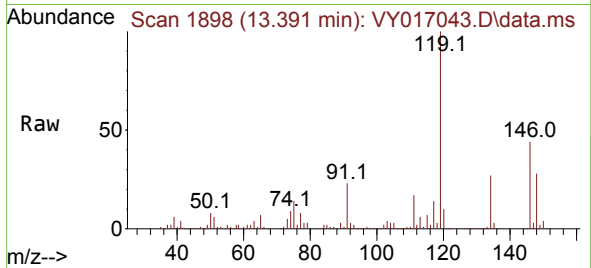




#87
1,3-Dichlorobenzene
Concen: 49.142 ug/l
RT: 13.391 min Scan# 1898
Delta R.T. 0.018 min
Lab File: VY017043.D
Acq: 19 Jan 2024 09:29

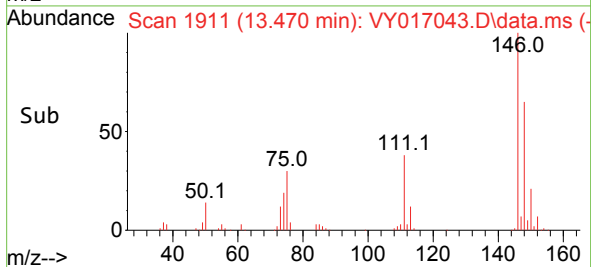
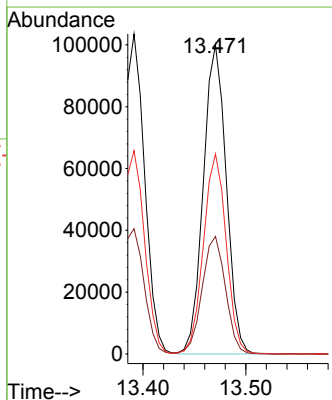
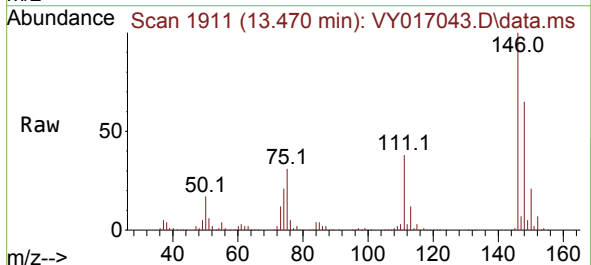
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

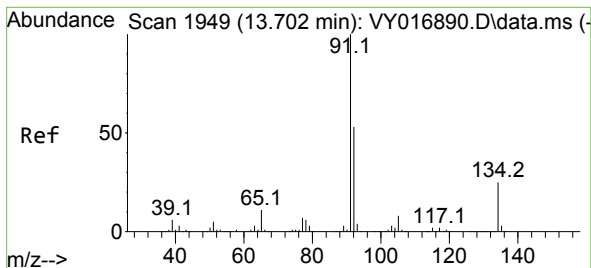
Tgt Ion:146 Resp: 159513
Ion Ratio Lower Upper
146 100
111 39.8 20.2 60.5
148 63.6 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 48.973 ug/l
RT: 13.470 min Scan# 1911
Delta R.T. 0.018 min
Lab File: VY017043.D
Acq: 19 Jan 2024 09:29

Tgt Ion:146 Resp: 155479
Ion Ratio Lower Upper
146 100
111 38.8 19.3 57.9
148 64.2 31.6 94.7





#89

n-Butylbenzene

Concen: 51.529 ug/l

RT: 13.720 min Scan# 1949

Delta R.T. 0.018 min

Lab File: VY017043.D

Acq: 19 Jan 2024 09:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

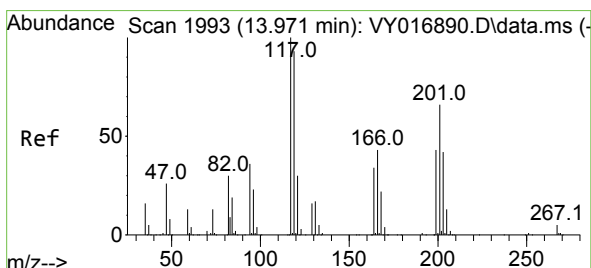
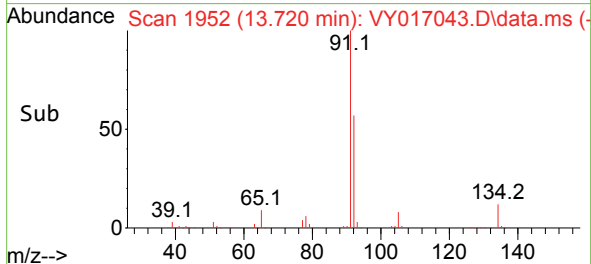
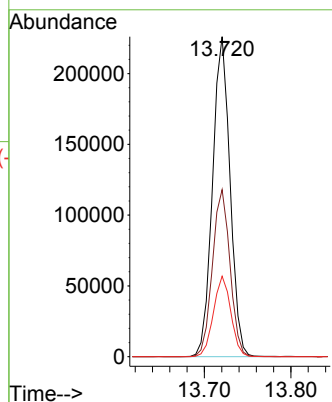
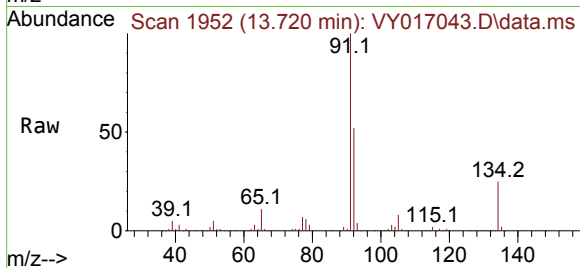
Tgt Ion: 91 Resp: 317258

Ion Ratio Lower Upper

91 100

92 52.4 26.4 79.2

134 25.0 12.3 36.8



#90

Hexachloroethane

Concen: 47.541 ug/l

RT: 13.983 min Scan# 1995

Delta R.T. 0.012 min

Lab File: VY017043.D

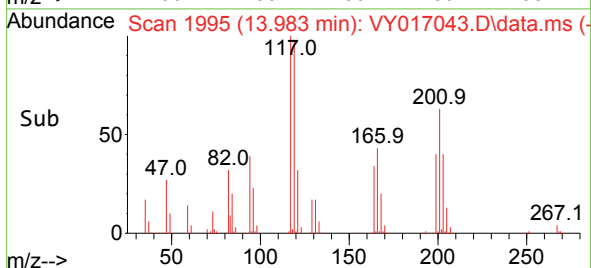
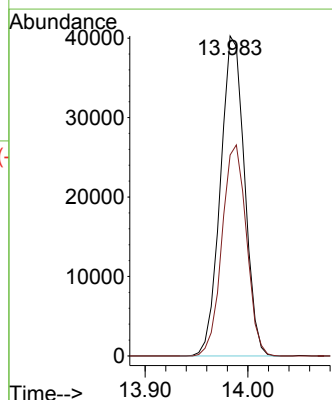
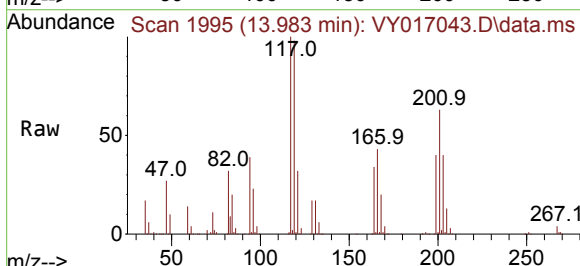
Acq: 19 Jan 2024 09:29

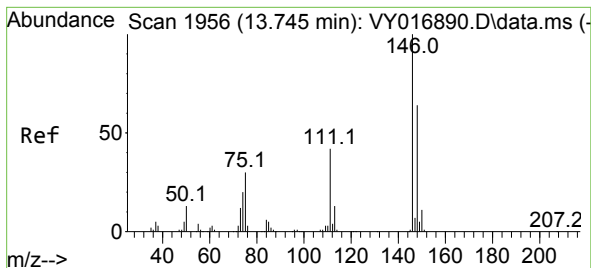
Tgt Ion: 117 Resp: 65417

Ion Ratio Lower Upper

117 100

201 67.1 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 48.683 ug/l

RT: 13.763 min Scan# 1956

Delta R.T. 0.012 min

Lab File: VY017043.D

Acq: 19 Jan 2024 09:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

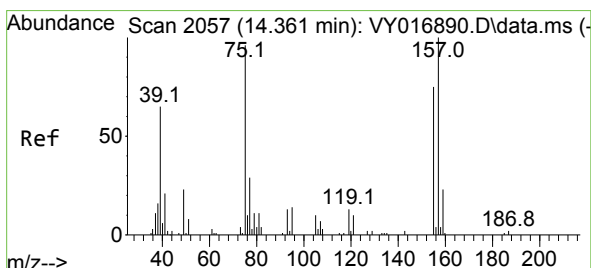
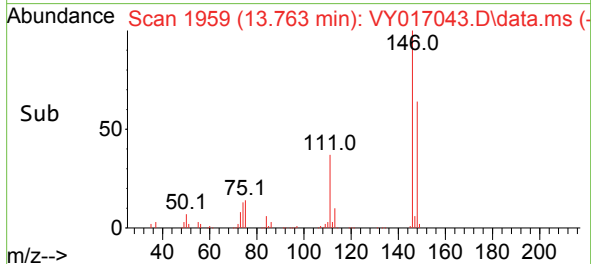
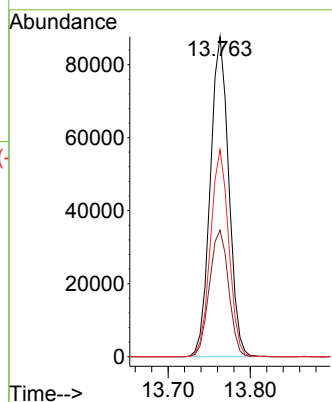
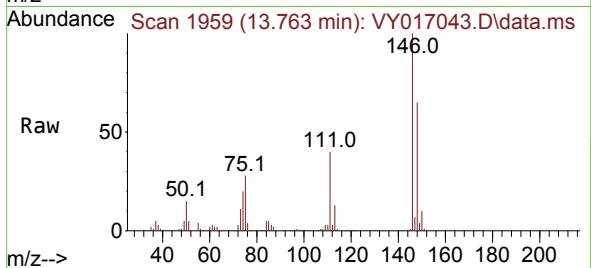
Tgt Ion:146 Resp: 136563

Ion Ratio Lower Upper

146 100

111 41.1 20.5 61.6

148 64.3 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.364 ug/l

RT: 14.379 min Scan# 2060

Delta R.T. 0.012 min

Lab File: VY017043.D

Acq: 19 Jan 2024 09:29

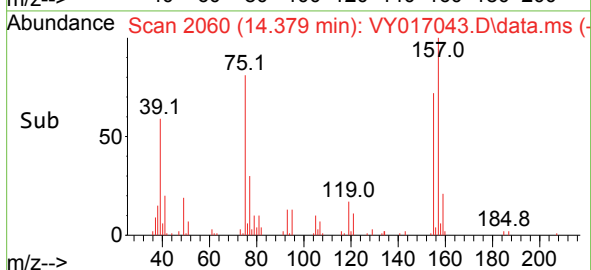
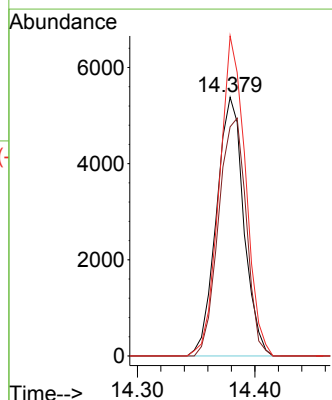
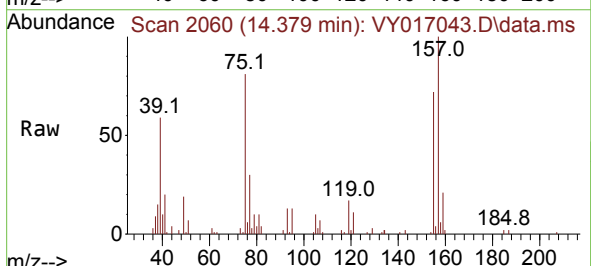
Tgt Ion: 75 Resp: 8713

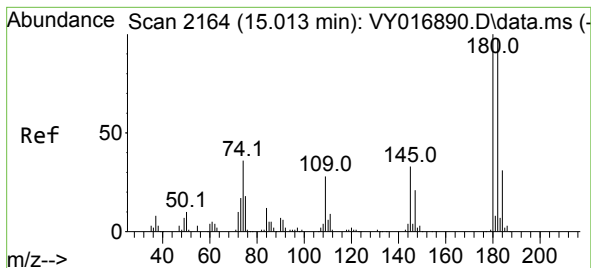
Ion Ratio Lower Upper

75 100

155 92.8 42.1 126.3

157 118.0 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 52.290 ug/l

RT: 15.031 min Scan# 2164

Delta R.T. 0.012 min

Lab File: VY017043.D

Acq: 19 Jan 2024 09:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

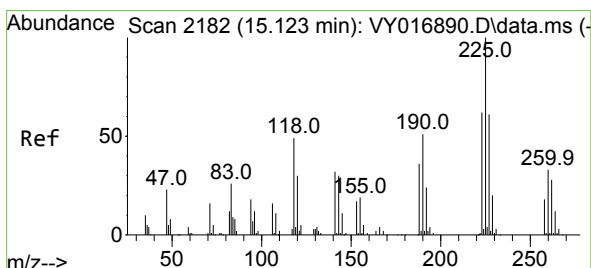
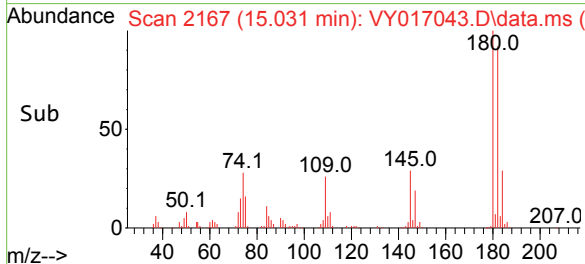
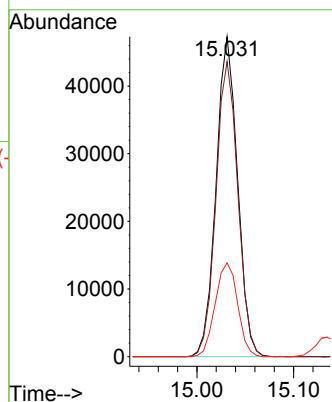
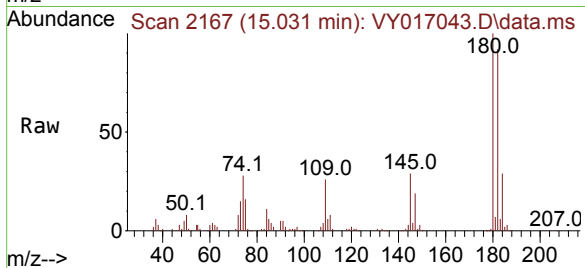
Tgt Ion:180 Resp: 72838

Ion Ratio Lower Upper

180 100

182 94.0 47.9 143.7

145 30.6 15.9 47.7



#94

Hexachlorobutadiene

Concen: 48.432 ug/l

RT: 15.135 min Scan# 2184

Delta R.T. 0.012 min

Lab File: VY017043.D

Acq: 19 Jan 2024 09:29

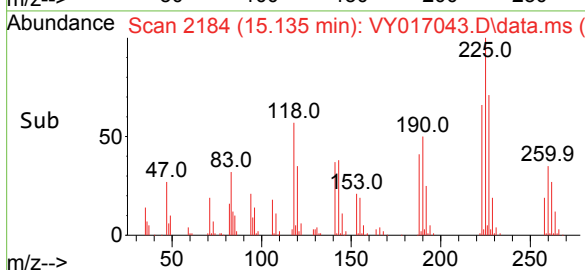
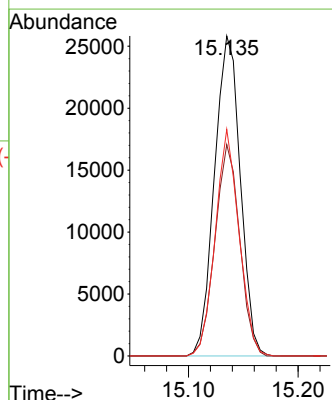
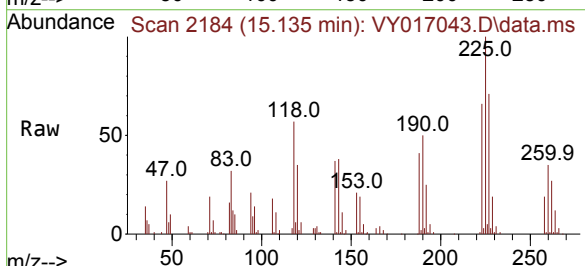
Tgt Ion:225 Resp: 42263

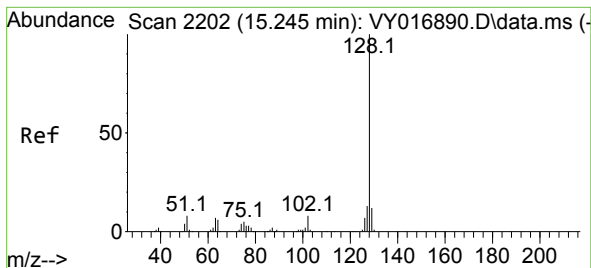
Ion Ratio Lower Upper

225 100

223 63.3 31.4 94.3

227 65.2 32.3 96.8





#95

Naphthalene

Concen: 53.155 ug/l

RT: 15.263 min Scan# 2205

Delta R.T. 0.018 min

Lab File: VY017043.D

Acq: 19 Jan 2024 09:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

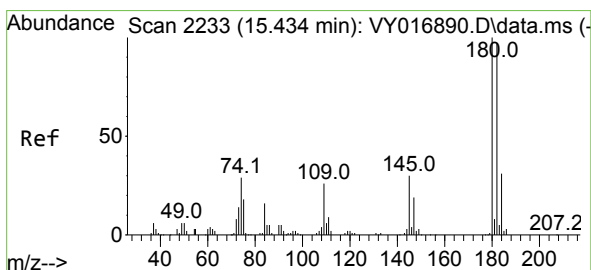
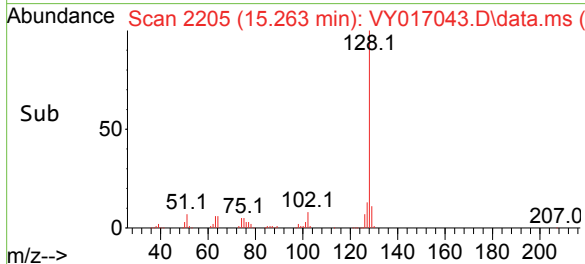
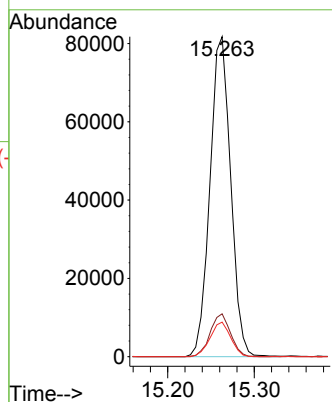
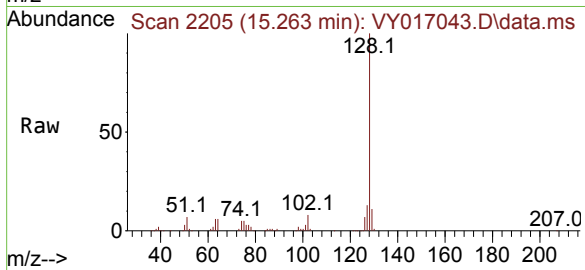
Tgt Ion:128 Resp: 136037

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 10.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 51.844 ug/l

RT: 15.452 min Scan# 2236

Delta R.T. 0.018 min

Lab File: VY017043.D

Acq: 19 Jan 2024 09:29

Tgt Ion:180 Resp: 61319

Ion Ratio Lower Upper

180 100

182 94.3 46.3 138.8

145 32.0 16.1 48.2

