

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021524\
 Data File : VY017385.D
 Acq On : 15 Feb 2024 12:02
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY021524

Quant Time: Feb 16 02:13:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 03:16:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	100329	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	177343	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	155015	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	67467	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	54085	50.802	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.600%	
35) Dibromofluoromethane	7.740	113	52616	46.535	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.080%	
50) Toluene-d8	10.197	98	208108	47.501	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.000%	
62) 4-Bromofluorobenzene	12.496	95	64144	47.758	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.520%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	38861	45.476	ug/l	98
3) Chloromethane	2.125	50	85582	52.933	ug/l	99
4) Vinyl Chloride	2.260	62	105566	54.717	ug/l	98
5) Bromomethane	2.662	94	75534	55.155	ug/l	95
6) Chloroethane	2.808	64	67641	55.021	ug/l	97
7) Trichlorofluoromethane	3.137	101	89001	45.914	ug/l	96
8) Diethyl Ether	3.546	74	28340	50.635	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.918	101	53384	45.776	ug/l	98
10) Methyl Iodide	4.113	142	54127	47.219	ug/l	99
11) Tert butyl alcohol	4.979	59	18533	305.336	ug/l	98
12) 1,1-Dichloroethene	3.893	96	50167	46.640	ug/l	97
13) Acrolein	3.747	56	24626	214.051	ug/l	98
14) Allyl chloride	4.503	41	79226	49.812	ug/l	98
15) Acrylonitrile	5.180	53	64464	267.733	ug/l	99
16) Acetone	3.960	43	65196	258.828	ug/l	95
17) Carbon Disulfide	4.217	76	157384	45.868	ug/l	99
18) Methyl Acetate	4.497	43	56851	57.243	ug/l	97
19) Methyl tert-butyl Ether	5.241	73	127664	53.392	ug/l	97
20) Methylene Chloride	4.735	84	59644	51.511	ug/l	99
21) trans-1,2-Dichloroethene	5.241	96	59010	48.021	ug/l	97
22) Diisopropyl ether	6.137	45	178443	52.353	ug/l	97
23) Vinyl Acetate	6.076	43	431030	246.322	ug/l	100
24) 1,1-Dichloroethane	6.039	63	103246	48.550	ug/l	98
25) 2-Butanone	7.003	43	90579	260.142	ug/l	98
26) 2,2-Dichloropropane	7.003	77	88614	48.651	ug/l	98
27) cis-1,2-Dichloroethene	7.009	96	64462	48.723	ug/l	97
28) Bromochloromethane	7.356	49	45016	55.890	ug/l	96
29) Tetrahydrofuran	7.368	42	53389	276.494	ug/l	99
30) Chloroform	7.527	83	103913	49.003	ug/l	98
31) Cyclohexane	7.807	56	95450	47.095	ug/l	98
32) 1,1,1-Trichloroethane	7.722	97	89015	47.311	ug/l	97
36) 1,1-Dichloropropene	7.935	75	82337	44.475	ug/l	100
37) Ethyl Acetate	7.094	43	36301	48.232	ug/l	99
38) Carbon Tetrachloride	7.923	117	78167	44.003	ug/l	98
39) Methylcyclohexane	9.203	83	102027	46.028	ug/l	98
40) Benzene	8.179	78	240649	46.397	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	18357	47.854	ug/l	93
42) 1,2-Dichloroethane	8.252	62	64340	48.740	ug/l	99
43) Isopropyl Acetate	8.289	43	70565	52.340	ug/l	99
44) Trichloroethene	8.960	130	59461	44.364	ug/l	99
45) 1,2-Dichloropropane	9.234	63	60100	48.146	ug/l	100
46) Dibromomethane	9.319	93	31805	49.101	ug/l	95
47) Bromodichloromethane	9.514	83	79284	47.589	ug/l	99
48) Methyl methacrylate	9.307	41	40579	57.087	ug/l	97
49) 1,4-Dioxane	9.313	88	7000	1048.778	ug/l	96
51) 4-Methyl-2-Pentanone	10.087	43	196093	267.693	ug/l	100
52) Toluene	10.258	92	147113	46.673	ug/l	98
53) t-1,3-Dichloropropene	10.484	75	75912	49.183	ug/l	98
54) cis-1,3-Dichloropropene	9.947	75	91097	48.214	ug/l	96
55) 1,1,2-Trichloroethane	10.660	97	42984	48.387	ug/l	96
56) Ethyl methacrylate	10.526	69	41094	45.385	ug/l	97
57) 1,3-Dichloropropane	10.807	76	75523	49.361	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	156295	269.138	ug/l	97
59) 2-Hexanone	10.849	43	139480	264.966	ug/l	100
60) Dibromochloromethane	11.002	129	49511	47.990	ug/l	100
61) 1,2-Dibromoethane	11.106	107	39510	48.498	ug/l	99
64) Tetrachloroethene	10.734	164	48748	42.534	ug/l	99
65) Chlorobenzene	11.532	112	148297	45.124	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	53265	45.058	ug/l	98
67) Ethyl Benzene	11.605	91	282436	46.657	ug/l	98
68) m/p-Xylenes	11.715	106	212252	92.994	ug/l	98
69) o-Xylene	12.044	106	97099	47.027	ug/l	99
70) Styrene	12.057	104	143113	45.179	ug/l	98
71) Bromoform	12.221	173	26493	46.225	ug/l #	96
73) Isopropylbenzene	12.343	105	262682	46.720	ug/l	100
74) N-amyl acetate	12.154	43	58983	53.060	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.593	83	50413	50.032	ug/l	97
76) 1,2,3-Trichloropropane	12.648	75	61871	91.762	ug/l #	100
77) Bromobenzene	12.624	156	53951	45.565	ug/l	95
78) n-propylbenzene	12.685	91	328971	47.527	ug/l	98
79) 2-Chlorotoluene	12.770	91	176879	46.829	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	212795	48.159	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.392	75	15905	52.231	ug/l	98
82) 4-Chlorotoluene	12.867	91	180255	46.357	ug/l	99
83) tert-Butylbenzene	13.087	119	177953	46.115	ug/l	95
84) 1,2,4-Trimethylbenzene	13.136	105	210001	48.144	ug/l	97
85) sec-Butylbenzene	13.270	105	273788	46.498	ug/l	100
86) p-Isopropyltoluene	13.386	119	229055	48.073	ug/l	99
87) 1,3-Dichlorobenzene	13.380	146	109145	45.546	ug/l	98
88) 1,4-Dichlorobenzene	13.459	146	107365	46.058	ug/l	99
89) n-Butylbenzene	13.709	91	228460	49.362	ug/l	99
90) Hexachloroethane	13.977	117	45333	45.901	ug/l	96
91) 1,2-Dichlorobenzene	13.751	146	92661	46.920	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	6676	53.351	ug/l	94
93) 1,2,4-Trichlorobenzene	15.019	180	49579	50.318	ug/l	98
94) Hexachlorobutadiene	15.123	225	27003	44.402	ug/l	99
95) Naphthalene	15.251	128	93738	54.669	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	41897	50.683	ug/l	100

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QLast Update : Thu Feb 15 03:16:56 2024
Response via : Initial Calibration

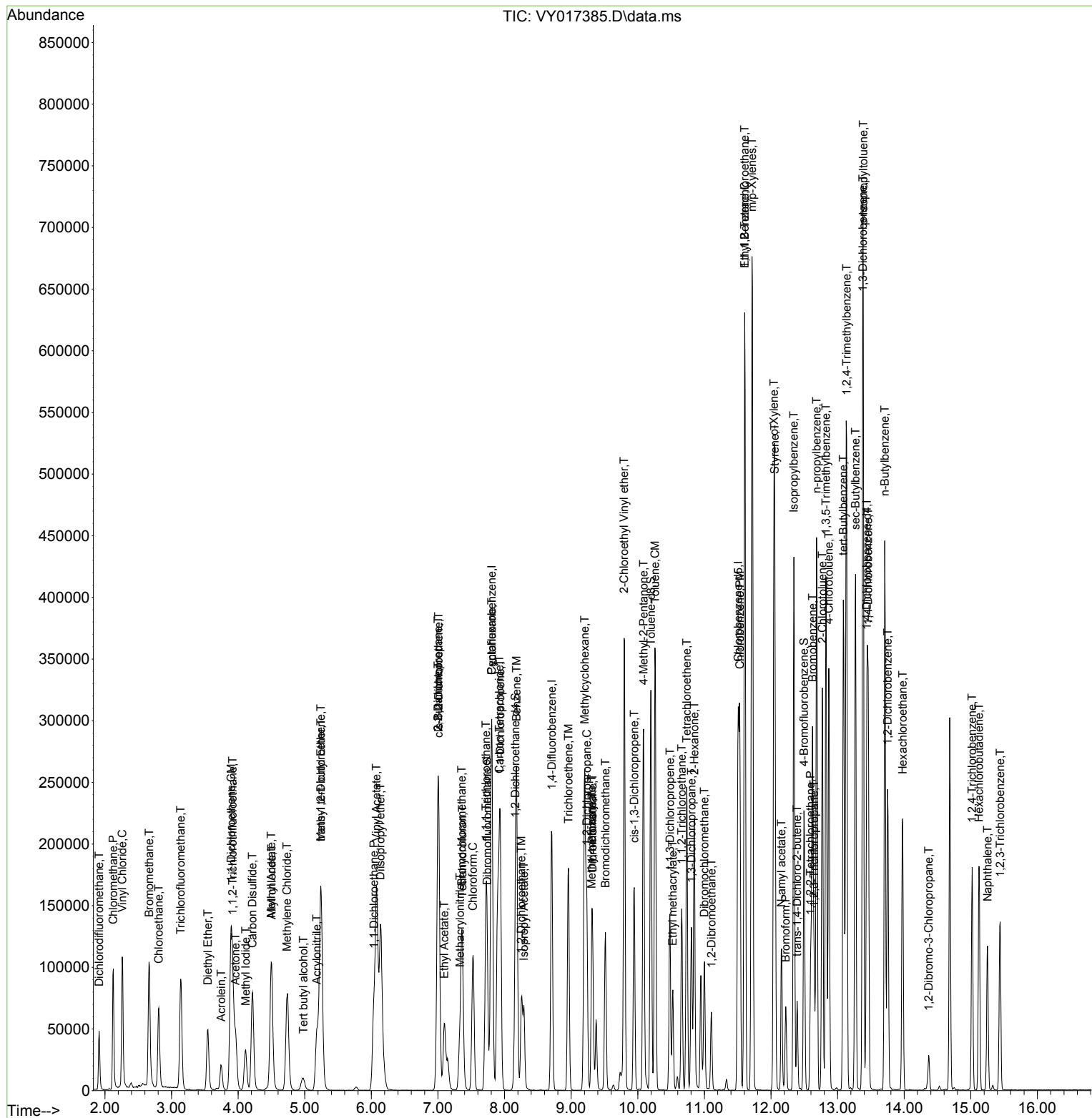
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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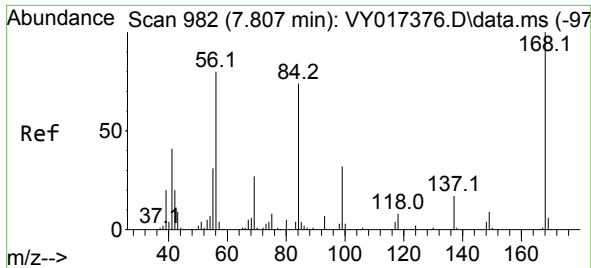
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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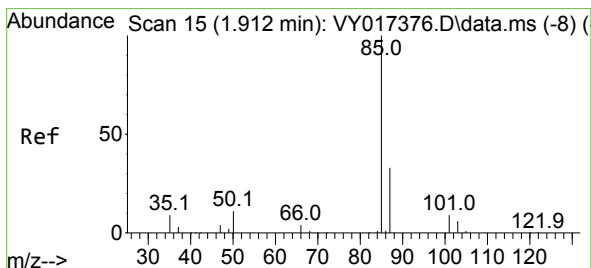
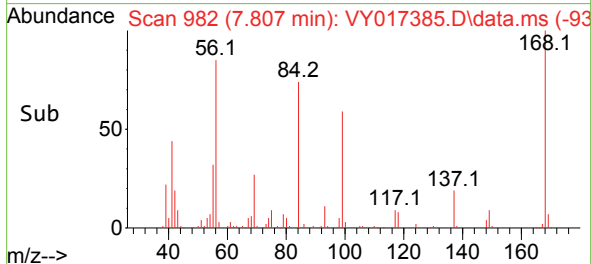
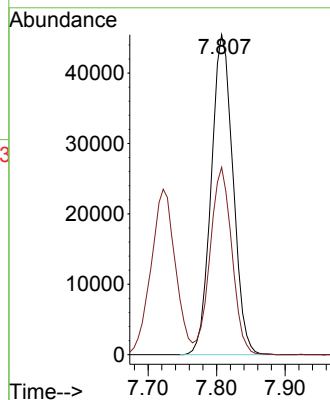
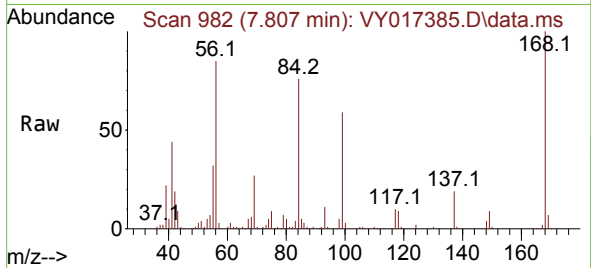




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017385.D
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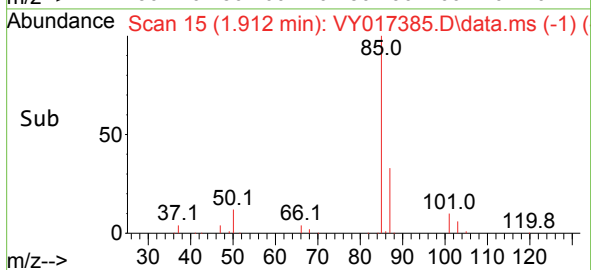
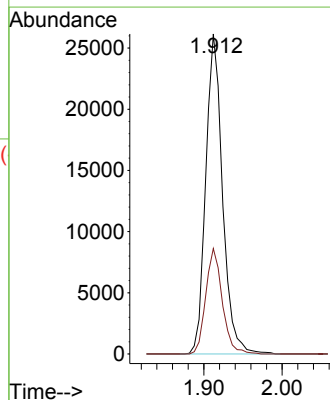
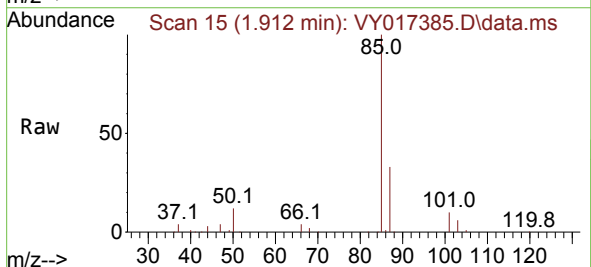
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY021524

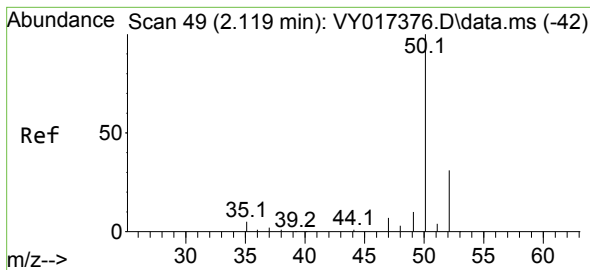
Tgt Ion:168 Resp: 100329
Ion Ratio Lower Upper
168 100
99 58.5 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 45.476 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.000 min
Lab File: VY017385.D
Acq: 15 Feb 2024 12:02

Tgt Ion: 85 Resp: 38861
Ion Ratio Lower Upper
85 100
87 32.9 17.1 51.3





#3

Chloromethane

Concen: 52.933 ug/l

RT: 2.125 min Scan# 50

Delta R.T. 0.006 min

Lab File: VY017385.D

Acq: 15 Feb 2024 12:02

Instrument :

MSVOA_Y

ClientSampleId :

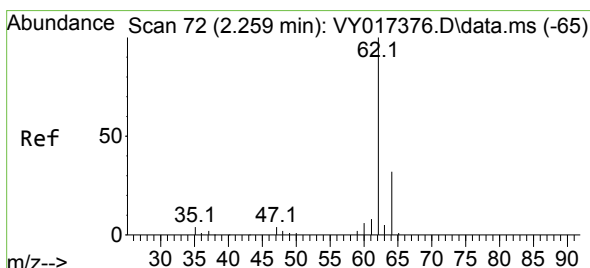
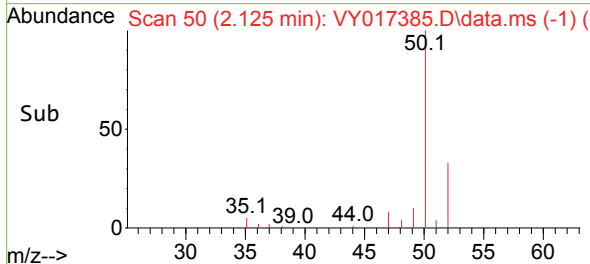
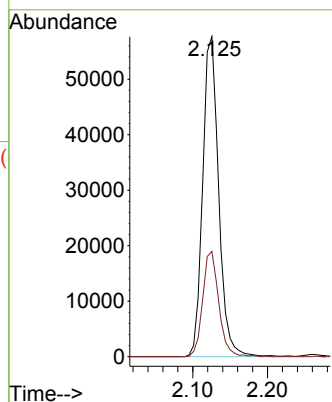
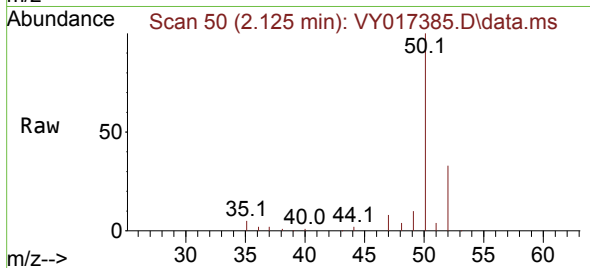
ICVY021524

Tgt Ion: 50 Resp: 85582

Ion Ratio Lower Upper

50 100

52 32.9 26.7 40.1



#4

Vinyl Chloride

Concen: 54.717 ug/l

RT: 2.260 min Scan# 72

Delta R.T. 0.000 min

Lab File: VY017385.D

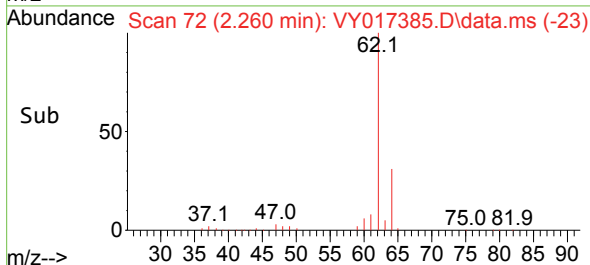
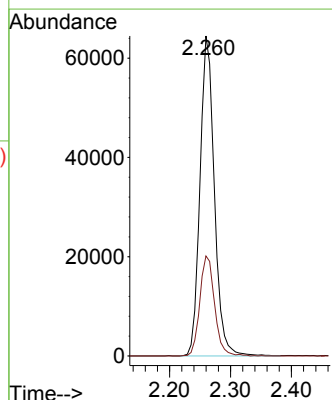
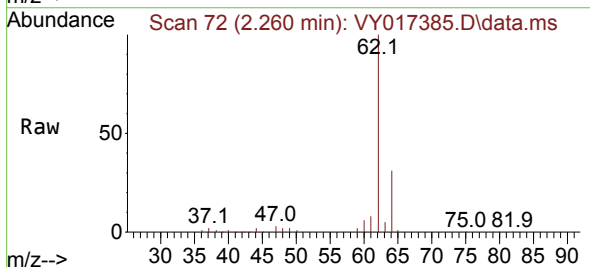
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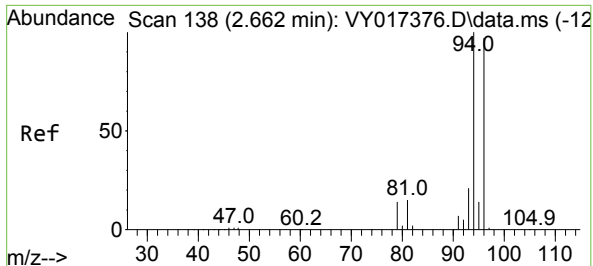
Tgt Ion: 62 Resp: 105566

Ion Ratio Lower Upper

62 100

64 31.2 25.7 38.5





#5

Bromomethane

Concen: 55.155 ug/l

RT: 2.662 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017385.D

Acq: 15 Feb 2024 12:02

Instrument :

MSVOA_Y

ClientSampleId :

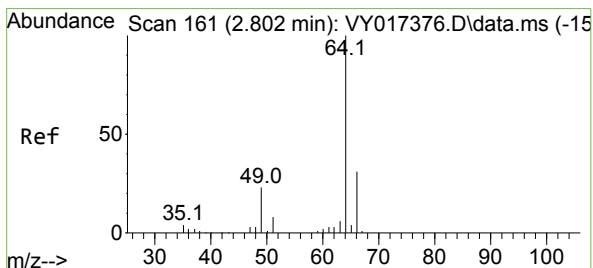
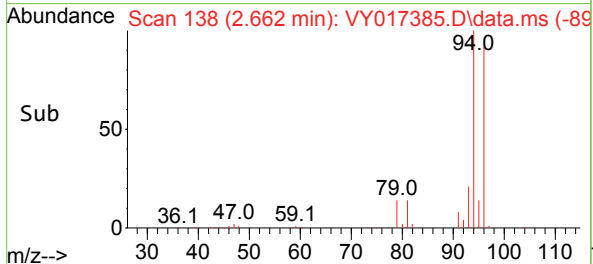
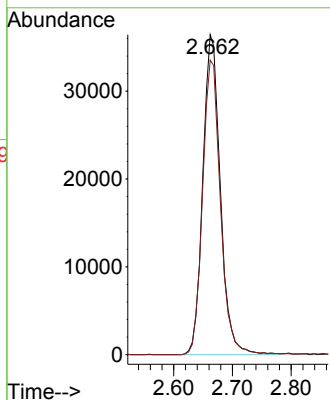
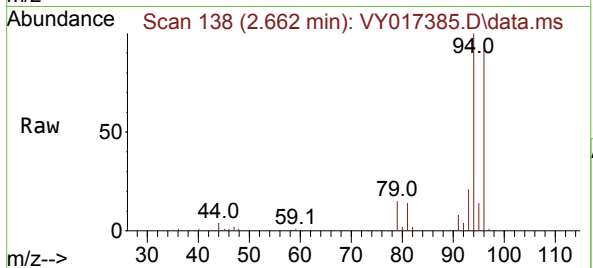
ICVVY021524

Tgt Ion: 94 Resp: 75534

Ion Ratio Lower Upper

94 100

96 92.1 77.3 115.9



#6

Chloroethane

Concen: 55.021 ug/l

RT: 2.808 min Scan# 162

Delta R.T. 0.006 min

Lab File: VY017385.D

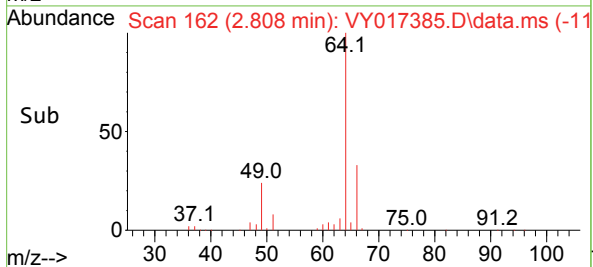
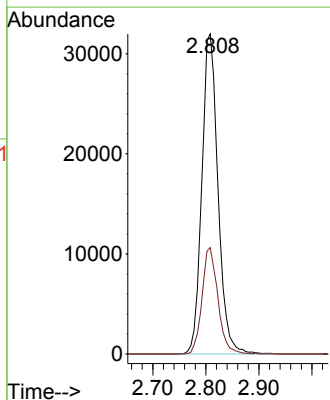
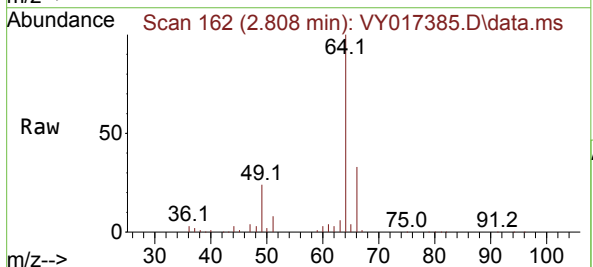
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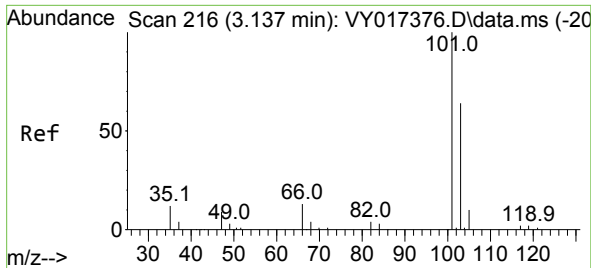
Tgt Ion: 64 Resp: 67641

Ion Ratio Lower Upper

64 100

66 33.2 25.1 37.7

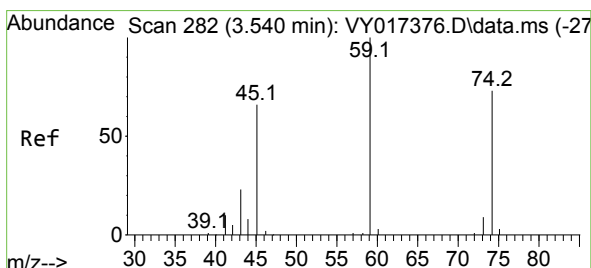
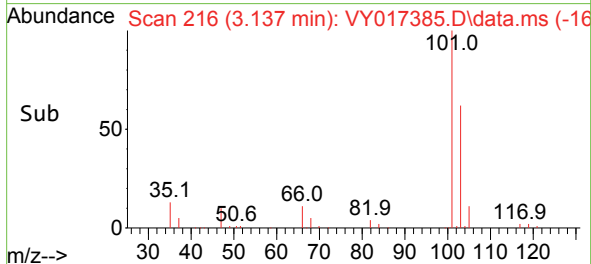
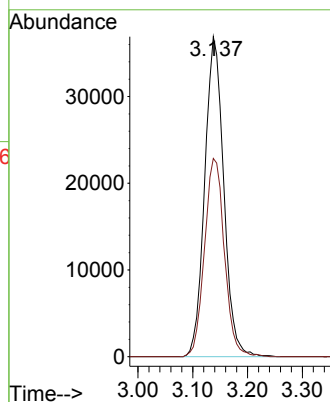
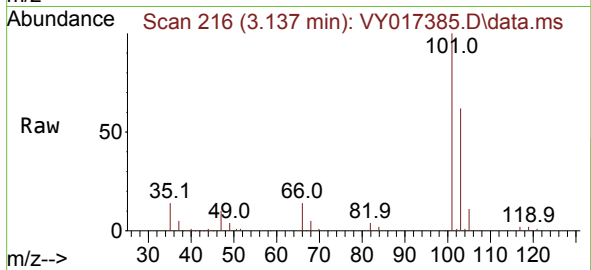




#7
 Trichlorofluoromethane
 Concen: 45.914 ug/l
 RT: 3.137 min Scan# 216
 Delta R.T. 0.000 min
 Lab File: VY017385.D
 Acq: 15 Feb 2024 12:02

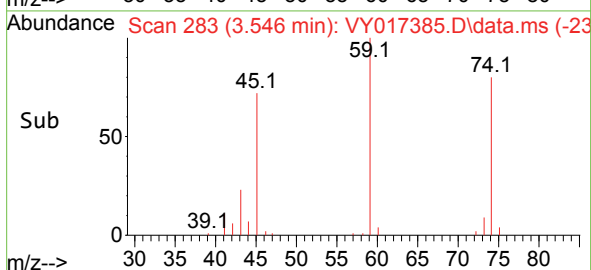
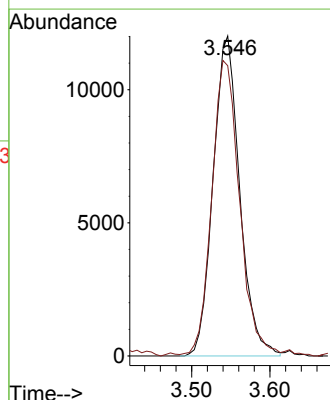
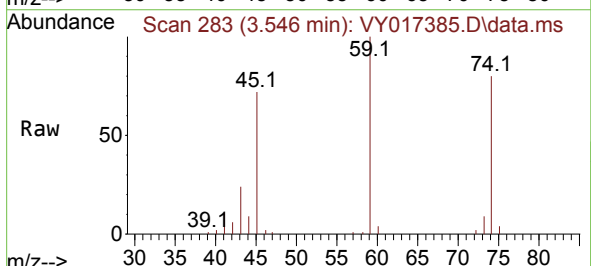
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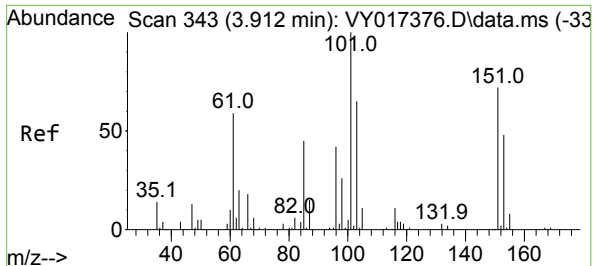
Tgt Ion:101 Resp: 89001
 Ion Ratio Lower Upper
 101 100
 103 62.0 51.9 77.9



#8
 Diethyl Ether
 Concen: 50.635 ug/l
 RT: 3.546 min Scan# 283
 Delta R.T. 0.006 min
 Lab File: VY017385.D
 Acq: 15 Feb 2024 12:02

Tgt Ion: 74 Resp: 28340
 Ion Ratio Lower Upper
 74 100
 45 97.3 47.9 143.7

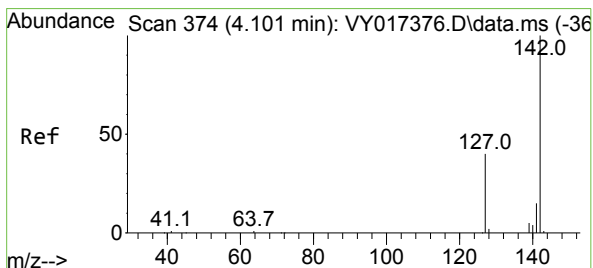
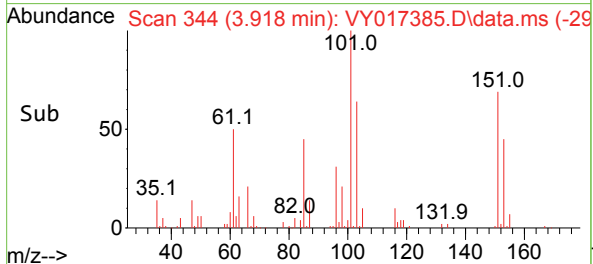
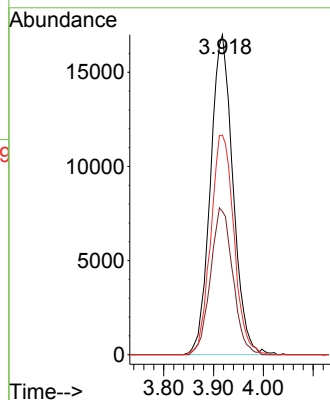
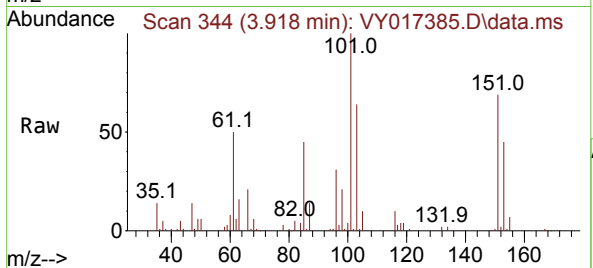




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.776 ug/l
RT: 3.918 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY017385.D
Acq: 15 Feb 2024 12:02

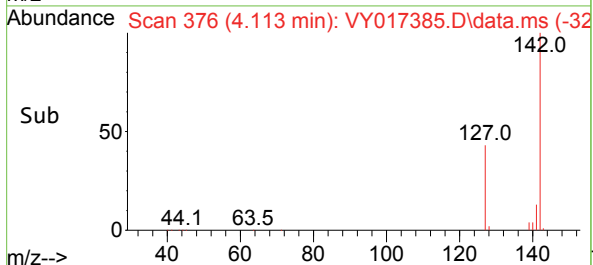
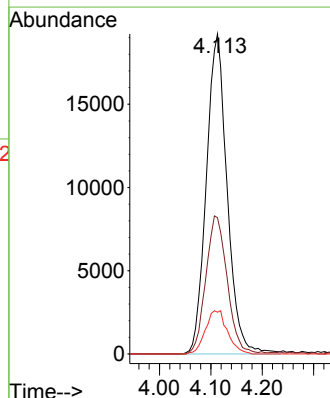
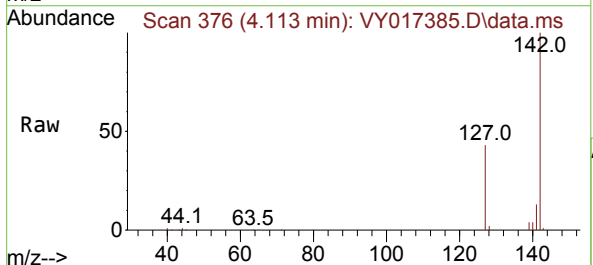
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY021524

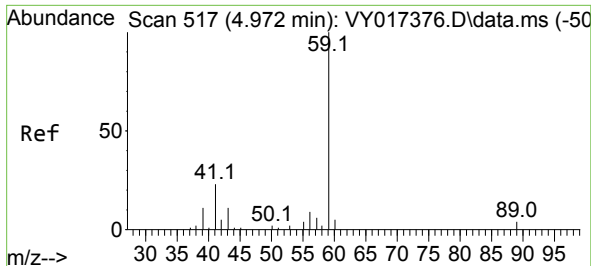
Tgt Ion:101 Resp: 53384
Ion Ratio Lower Upper
101 100
85 45.5 35.8 53.6
151 70.6 58.6 88.0



#10
Methyl Iodide
Concen: 47.219 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.012 min
Lab File: VY017385.D
Acq: 15 Feb 2024 12:02

Tgt Ion:142 Resp: 54127
Ion Ratio Lower Upper
142 100
127 44.4 35.1 52.7
141 14.3 11.8 17.6

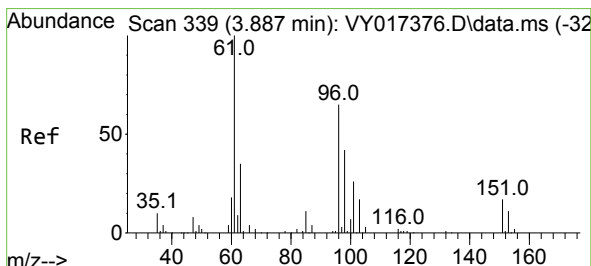
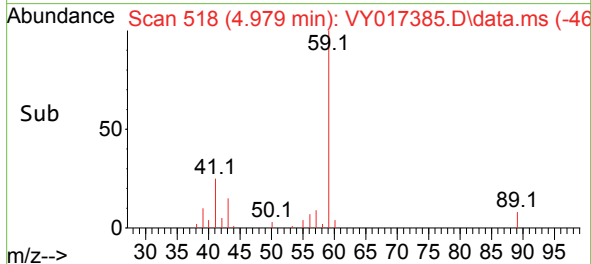
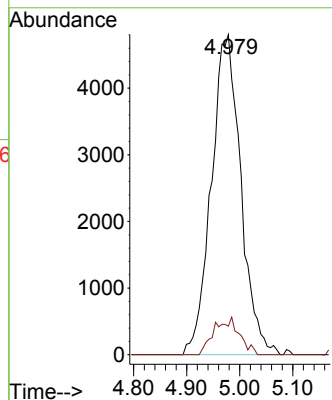
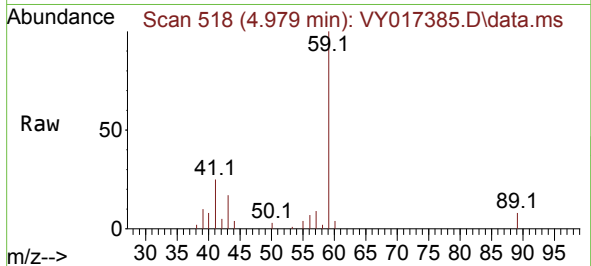




#11
Tert butyl alcohol
Concen: 305.336 ug/l
RT: 4.979 min Scan# 517
Delta R.T. 0.007 min
Lab File: VY017385.D
Acq: 15 Feb 2024 12:02

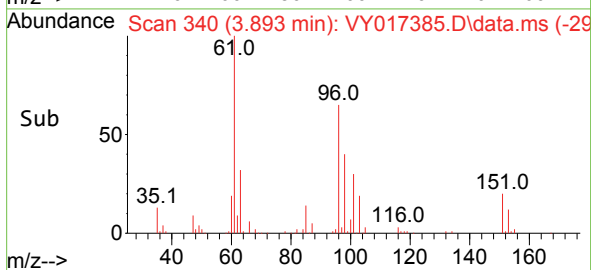
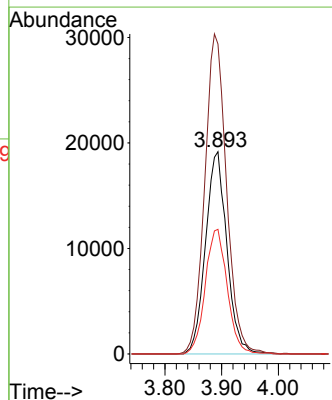
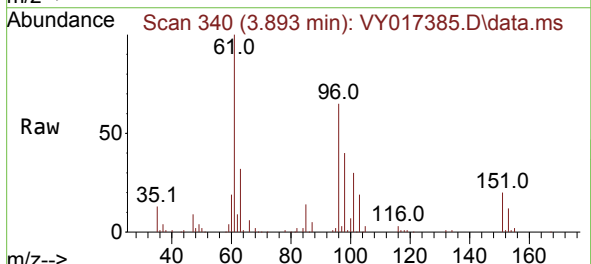
Instrument :
MSVOA_Y
ClientSampleId :
ICVY021524

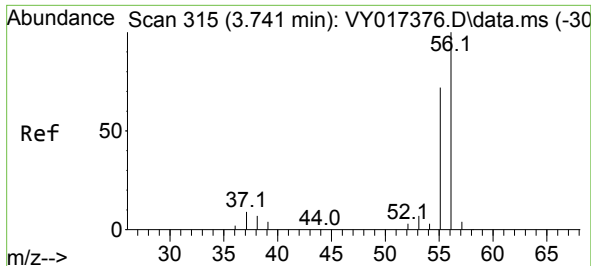
Tgt Ion: 59 Resp: 18533
Ion Ratio Lower Upper
59 100
57 9.9 7.4 11.0



#12
1,1-Dichloroethene
Concen: 46.640 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY017385.D
Acq: 15 Feb 2024 12:02

Tgt Ion: 96 Resp: 50167
Ion Ratio Lower Upper
96 100
61 153.3 124.2 186.2
98 61.6 52.6 79.0





#13

Acrolein

Concen: 214.051 ug/l

RT: 3.747 min Scan# 315

Delta R.T. 0.006 min

Lab File: VY017385.D

Acq: 15 Feb 2024 12:02

Instrument :

MSVOA_Y

ClientSampleId :

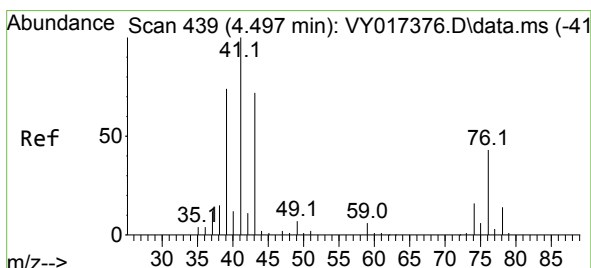
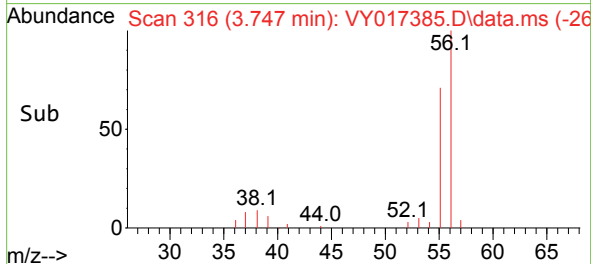
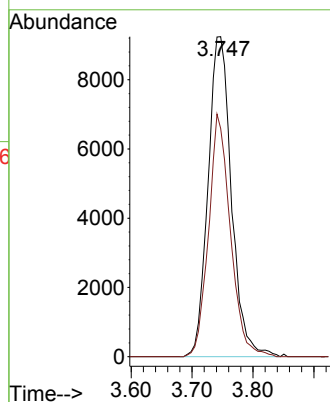
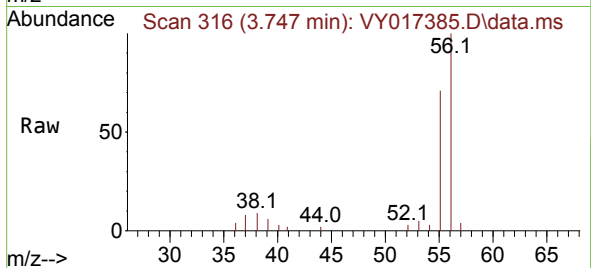
ICVVY021524

Tgt Ion: 56 Resp: 24626

Ion Ratio Lower Upper

56 100

55 70.7 55.4 83.0



#14

Allyl chloride

Concen: 49.812 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.006 min

Lab File: VY017385.D

Acq: 15 Feb 2024 12:02

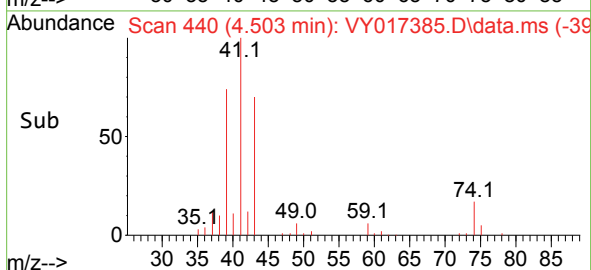
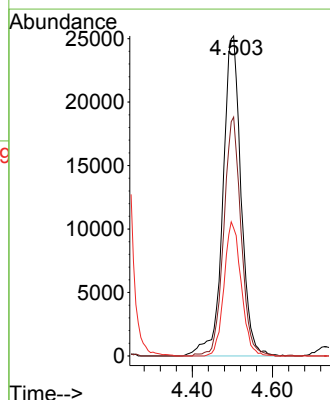
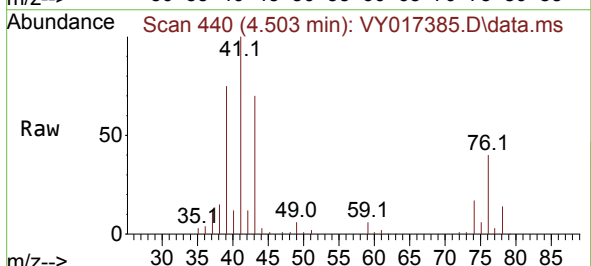
Tgt Ion: 41 Resp: 79226

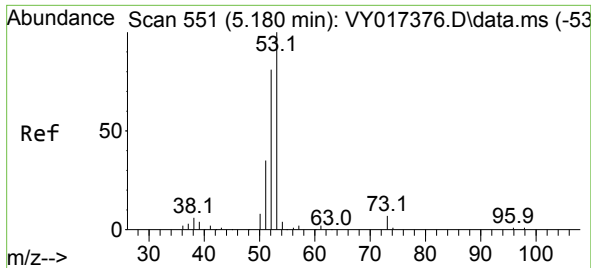
Ion Ratio Lower Upper

41 100

39 71.0 54.7 82.1

76 39.4 31.8 47.6





#15

Acrylonitrile

Concen: 267.733 ug/l

RT: 5.180 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY017385.D

Acq: 15 Feb 2024 12:02

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY021524

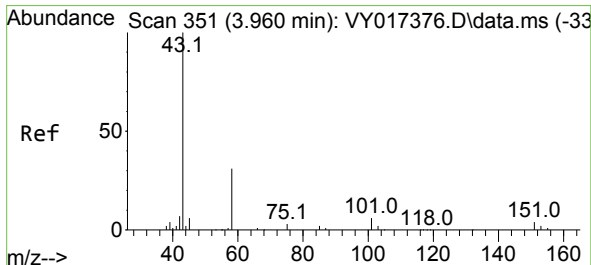
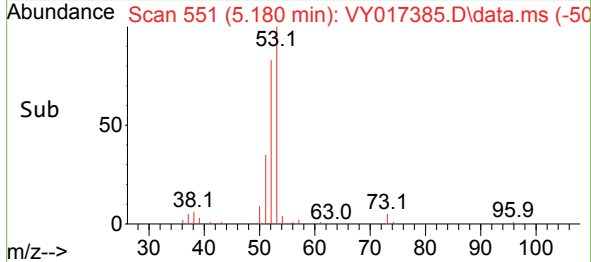
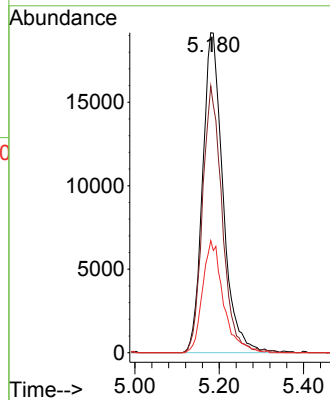
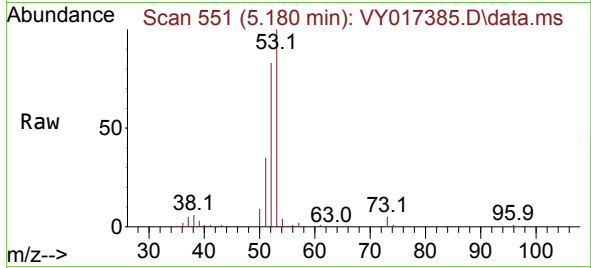
Tgt Ion: 53 Resp: 64464

Ion Ratio Lower Upper

53 100

52 80.5 65.1 97.7

51 35.8 29.0 43.4



#16

Acetone

Concen: 258.828 ug/l

RT: 3.960 min Scan# 351

Delta R.T. 0.000 min

Lab File: VY017385.D

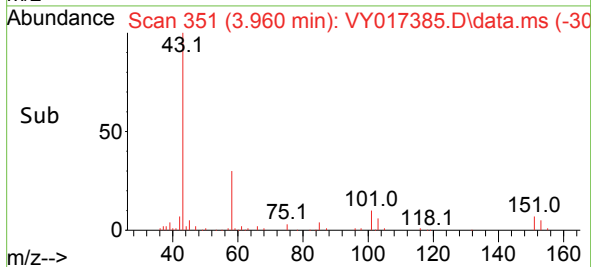
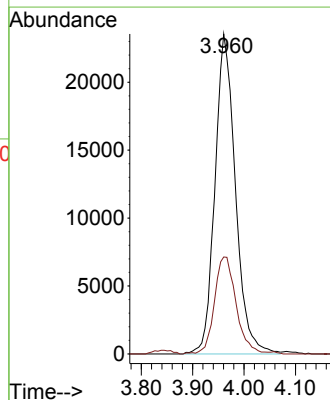
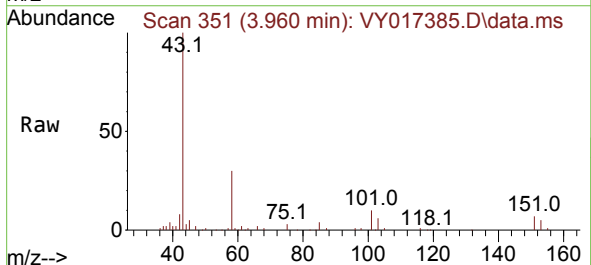
Acq: 15 Feb 2024 12:02

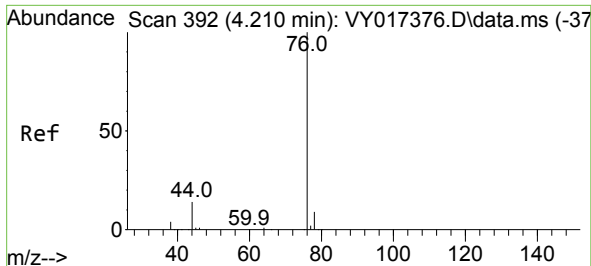
Tgt Ion: 43 Resp: 65196

Ion Ratio Lower Upper

43 100

58 30.3 26.6 39.8

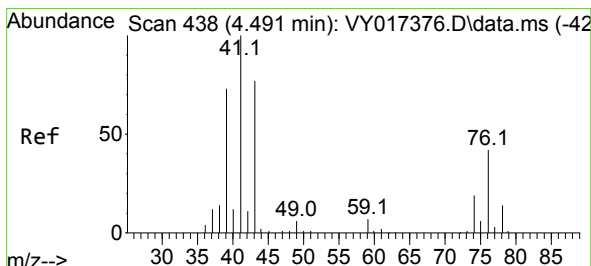
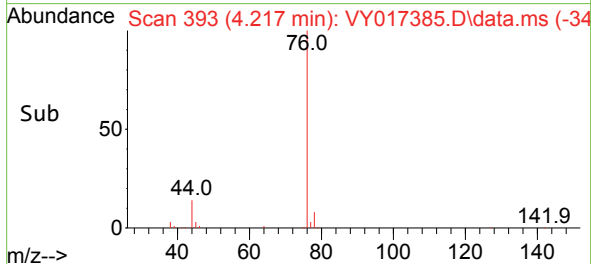
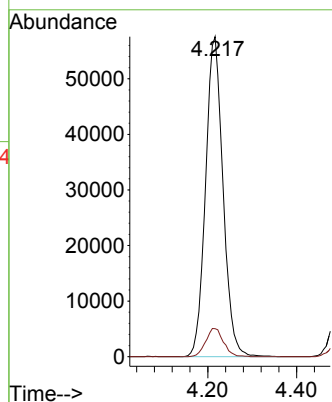
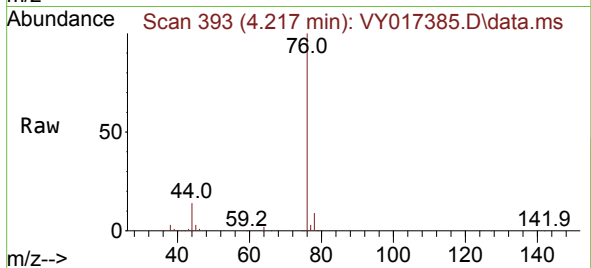




#17
Carbon Disulfide
Concen: 45.868 ug/l
RT: 4.217 min Scan# 392
Delta R.T. 0.007 min
Lab File: VY017385.D
Acq: 15 Feb 2024 12:02

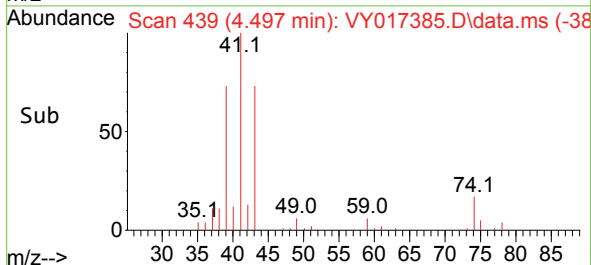
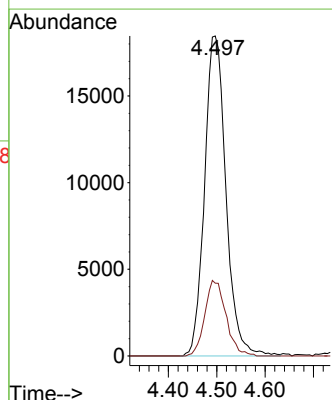
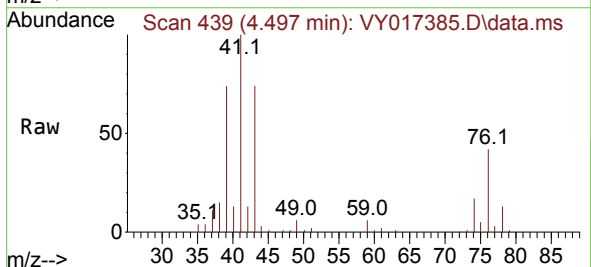
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY021524

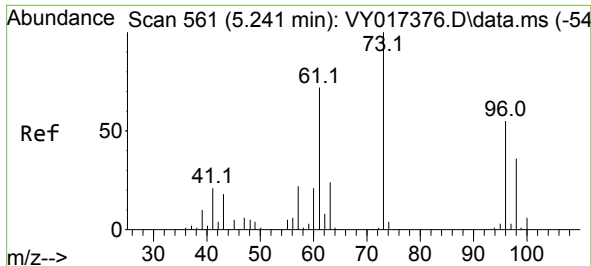
Tgt Ion: 76 Resp: 157384
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 57.243 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY017385.D
Acq: 15 Feb 2024 12:02

Tgt Ion: 43 Resp: 56851
Ion Ratio Lower Upper
43 100
74 23.3 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 53.392 ug/l

RT: 5.241 min Scan# 5

Delta R.T. -0.000 min

Lab File: VY017385.D

Acq: 15 Feb 2024 12:02

Instrument :

MSVOA_Y

ClientSampleId :

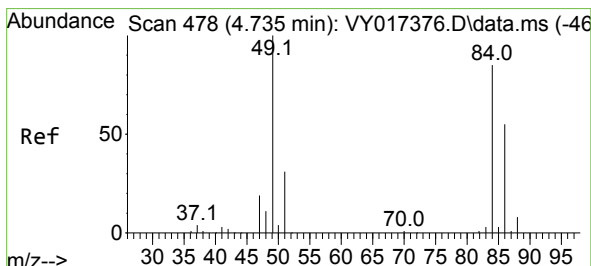
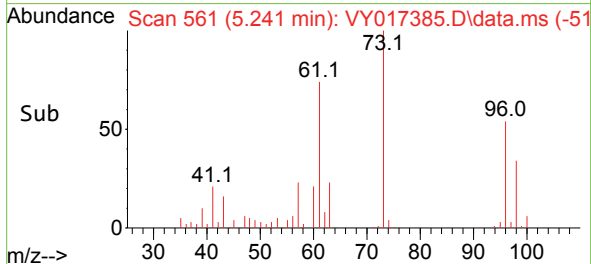
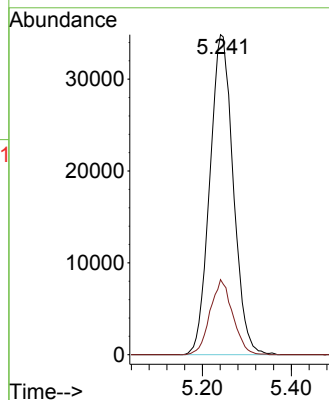
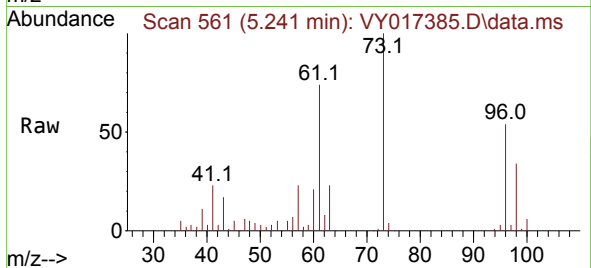
ICVVY021524

Tgt Ion: 73 Resp: 127664

Ion Ratio Lower Upper

73 100

57 23.5 17.7 26.5



#20

Methylene Chloride

Concen: 51.511 ug/l

RT: 4.735 min Scan# 478

Delta R.T. -0.000 min

Lab File: VY017385.D

Acq: 15 Feb 2024 12:02

Tgt Ion: 84 Resp: 59644

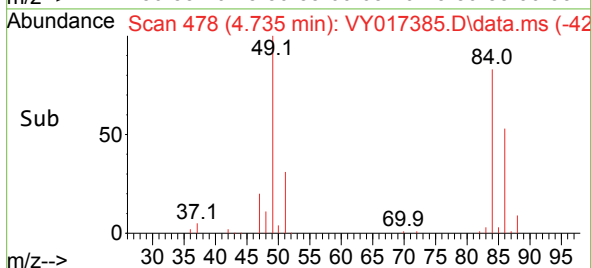
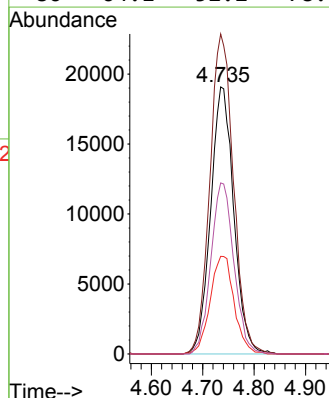
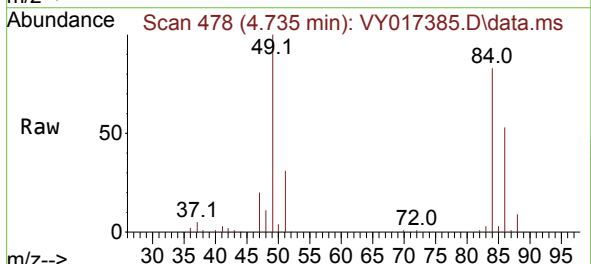
Ion Ratio Lower Upper

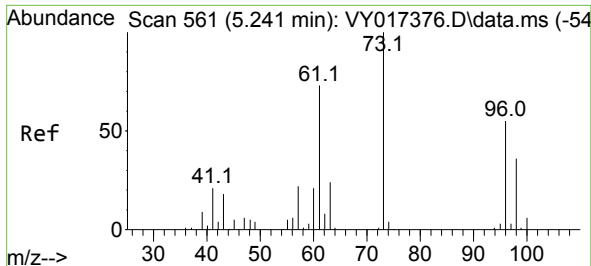
84 100

49 119.8 95.2 142.8

51 36.6 29.9 44.9

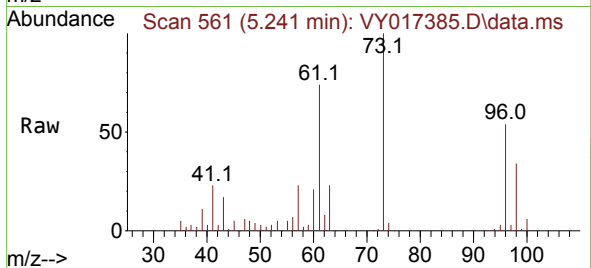
86 64.1 52.2 78.4



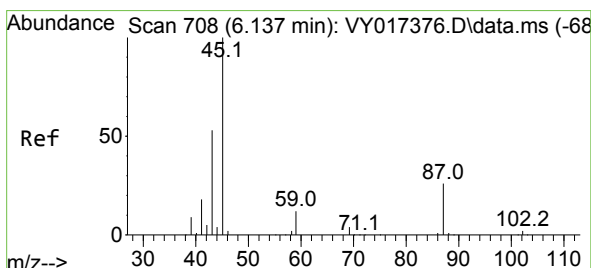
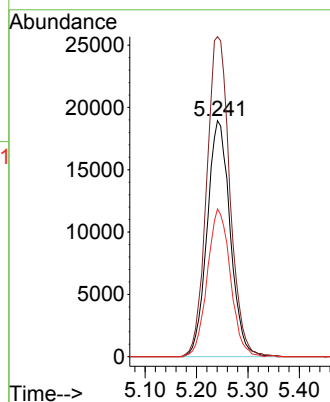
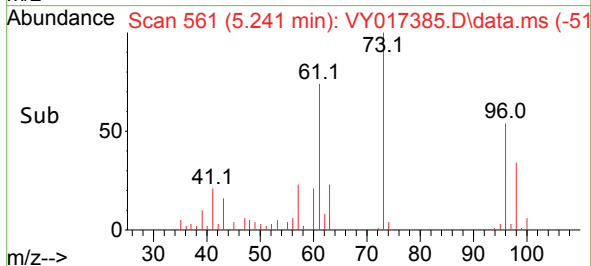


#21
trans-1,2-Dichloroethene
Concen: 48.021 ug/l
RT: 5.241 min Scan# 561
Delta R.T. 0.000 min
Lab File: VY017385.D
Acq: 15 Feb 2024 12:02

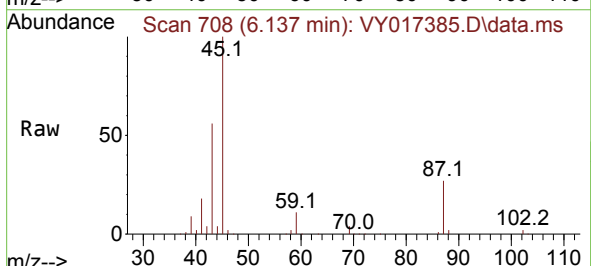
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY021524



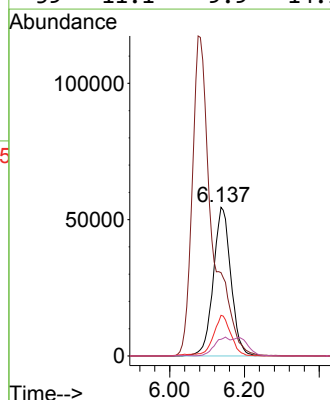
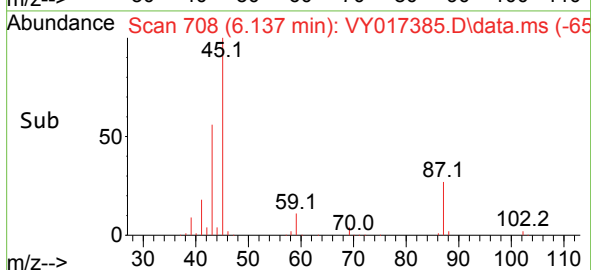
Tgt Ion: 96 Resp: 59010
Ion Ratio Lower Upper
96 100
61 135.6 104.6 156.8
98 62.6 50.9 76.3

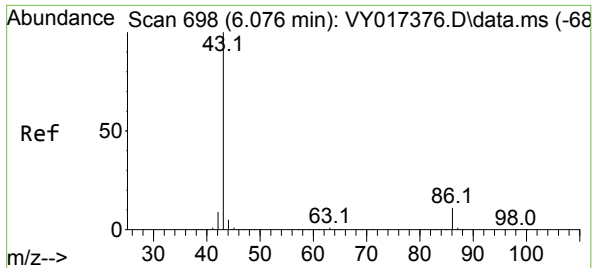


#22
Diisopropyl ether
Concen: 52.353 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.000 min
Lab File: VY017385.D
Acq: 15 Feb 2024 12:02



Tgt Ion: 45 Resp: 178443
Ion Ratio Lower Upper
45 100
43 55.7 46.8 70.2
87 27.3 22.2 33.2
59 11.1 9.9 14.9

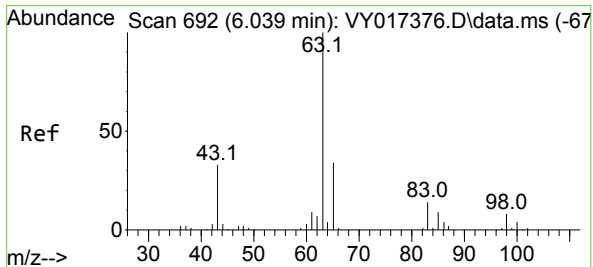
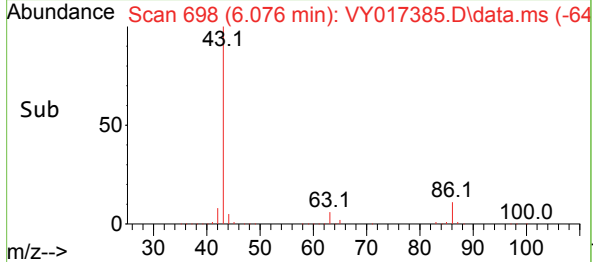
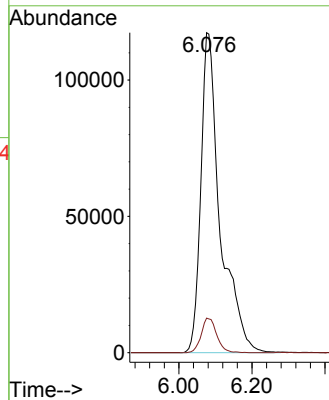
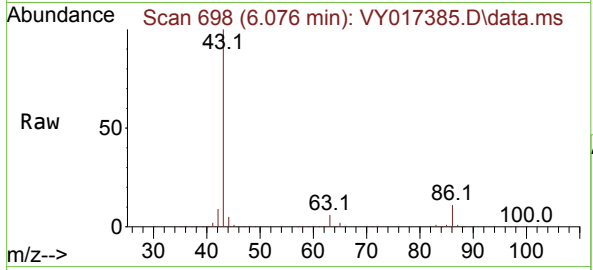




#23
 Vinyl Acetate
 Concen: 246.322 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. -0.000 min
 Lab File: VY017385.D
 Acq: 15 Feb 2024 12:02

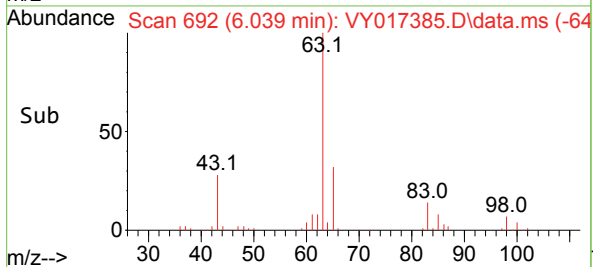
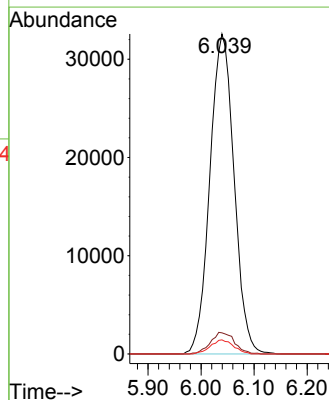
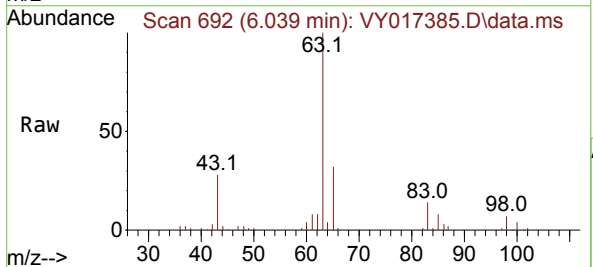
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY021524

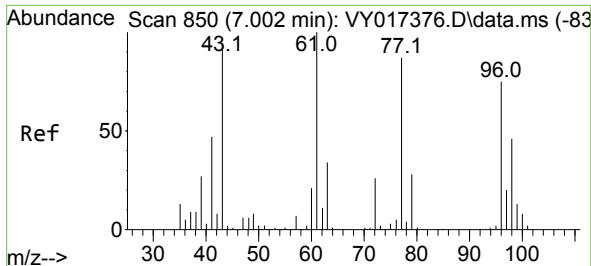
Tgt Ion: 43 Resp: 431030
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 48.550 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. 0.000 min
 Lab File: VY017385.D
 Acq: 15 Feb 2024 12:02

Tgt Ion: 63 Resp: 103246
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.8 11.4
 100 4.4 2.1 6.2





#25

2-Butanone

Concen: 260.142 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.001 min

Lab File: VY017385.D

Acq: 15 Feb 2024 12:02

Instrument :

MSVOA_Y

ClientSampleId :

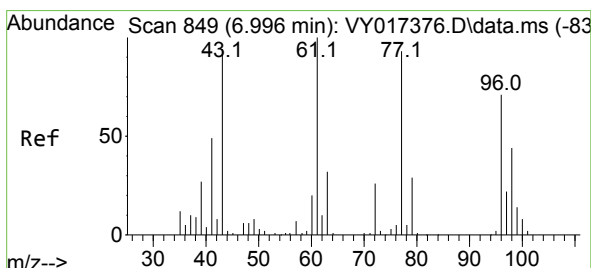
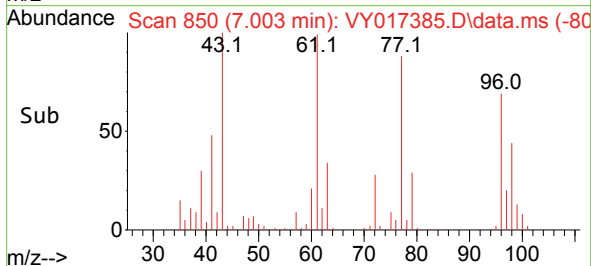
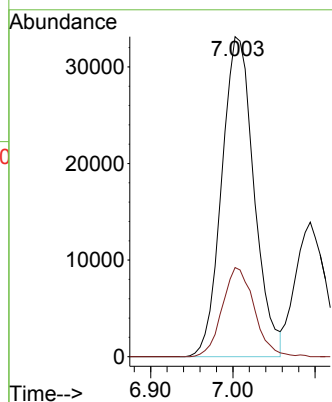
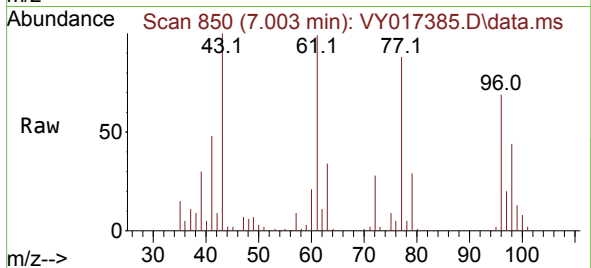
ICVVY021524

Tgt Ion: 43 Resp: 90579

Ion Ratio Lower Upper

43 100

72 27.8 21.4 32.2



#26

2,2-Dichloropropane

Concen: 48.651 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY017385.D

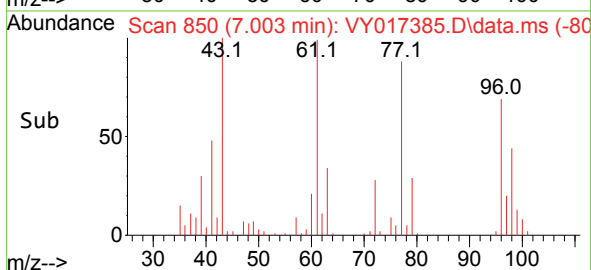
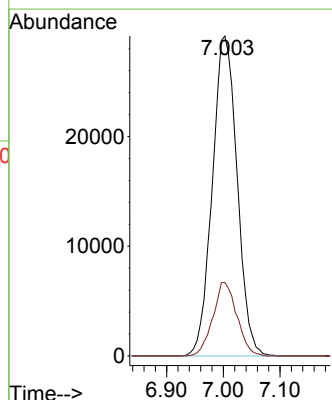
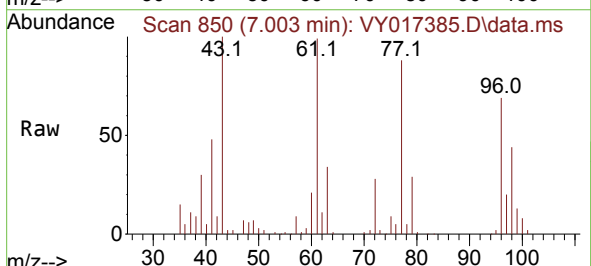
Acq: 15 Feb 2024 12:02

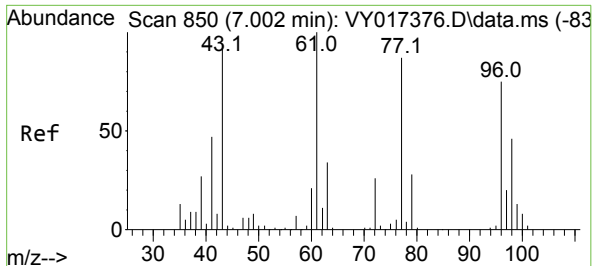
Tgt Ion: 77 Resp: 88614

Ion Ratio Lower Upper

77 100

97 22.3 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 48.723 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.006 min

Lab File: VY017385.D

Acq: 15 Feb 2024 12:02

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY021524

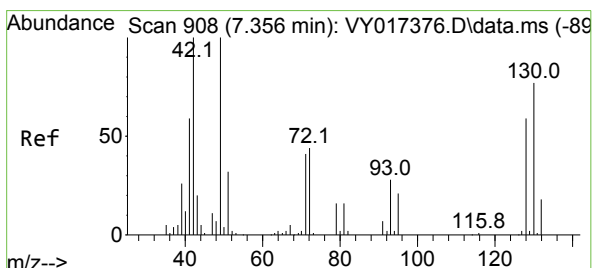
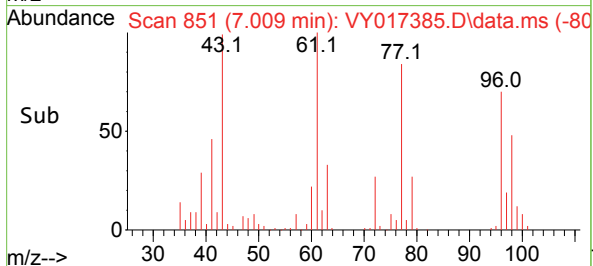
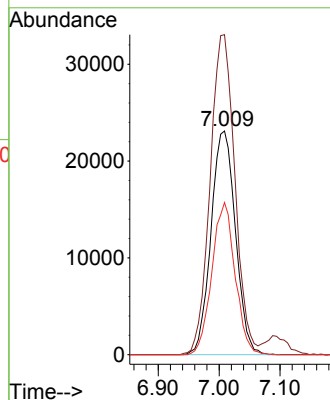
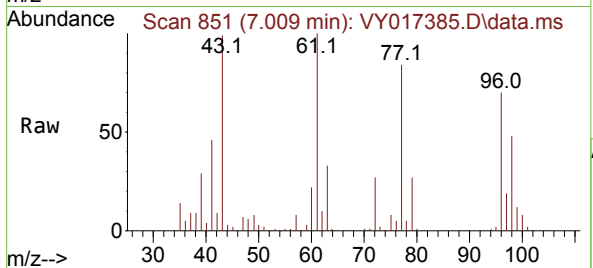
Tgt Ion: 96 Resp: 64462

Ion Ratio Lower Upper

96 100

61 144.6 0.0 278.8

98 64.5 0.0 127.0



#28

Bromochloromethane

Concen: 55.890 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY017385.D

Acq: 15 Feb 2024 12:02

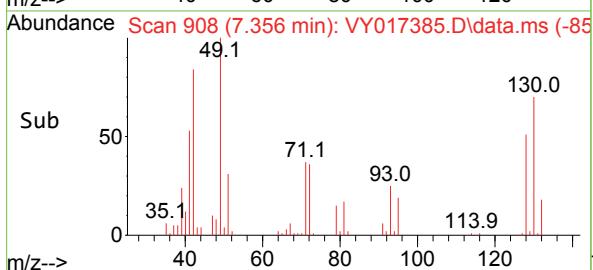
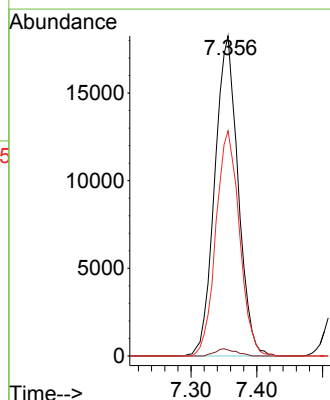
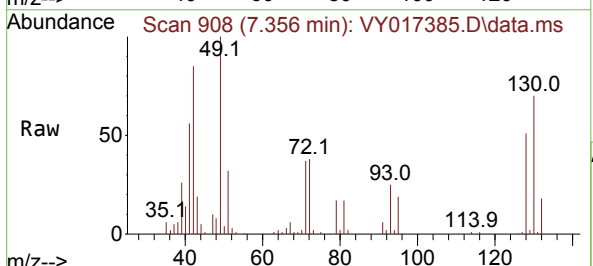
Tgt Ion: 49 Resp: 45016

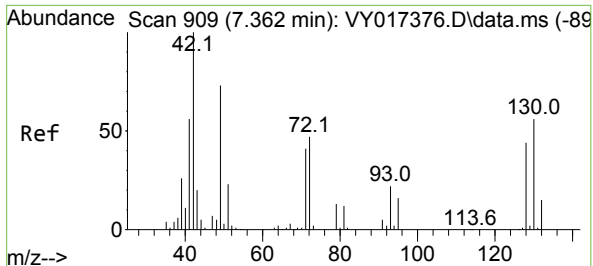
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 71.2 59.8 89.8





#29

Tetrahydrofuran

Concen: 276.494 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY017385.D

Acq: 15 Feb 2024 12:02

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY021524

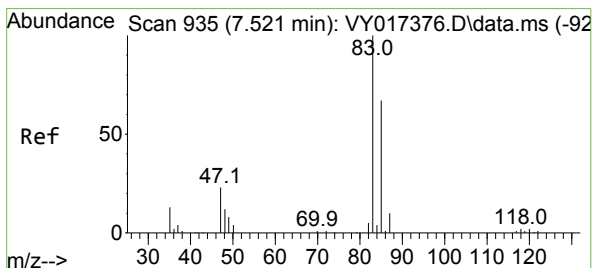
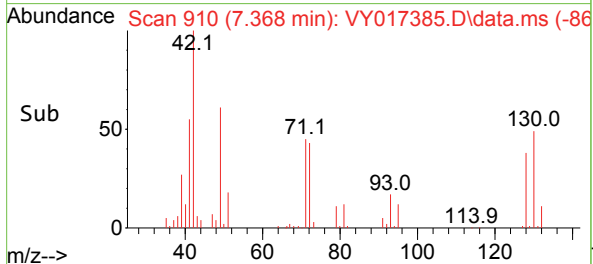
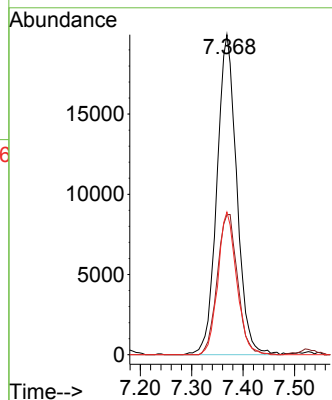
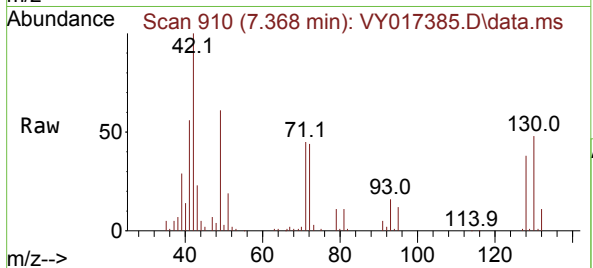
Tgt Ion: 42 Resp: 53389

Ion Ratio Lower Upper

42 100

72 44.9 36.6 54.8

71 42.2 33.8 50.6



#30

Chloroform

Concen: 49.003 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY017385.D

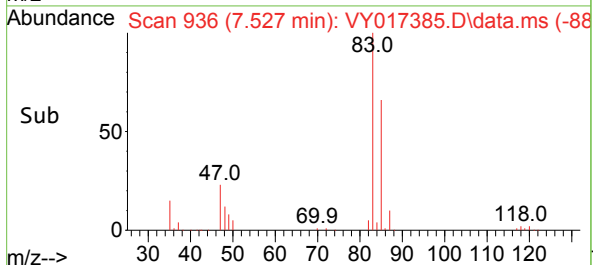
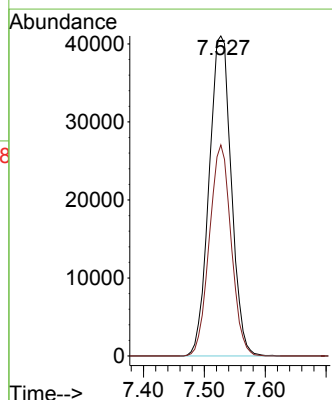
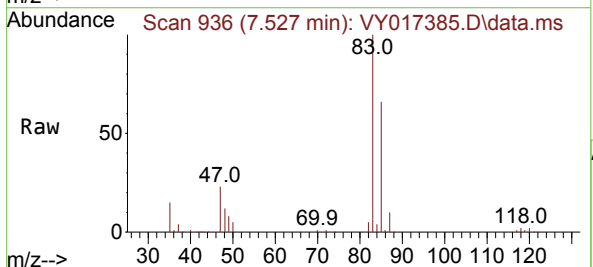
Acq: 15 Feb 2024 12:02

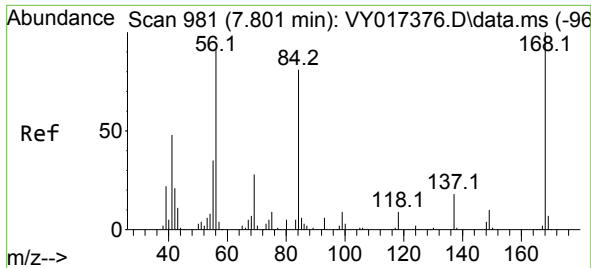
Tgt Ion: 83 Resp: 103913

Ion Ratio Lower Upper

83 100

85 65.9 51.2 76.8

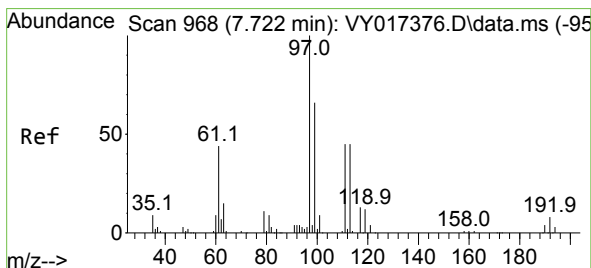
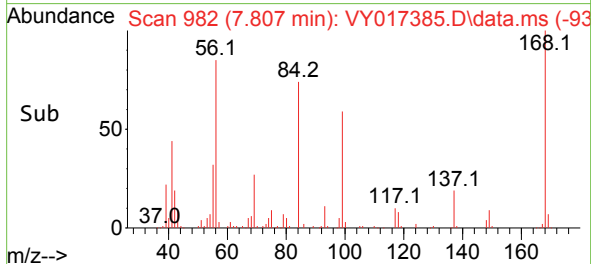
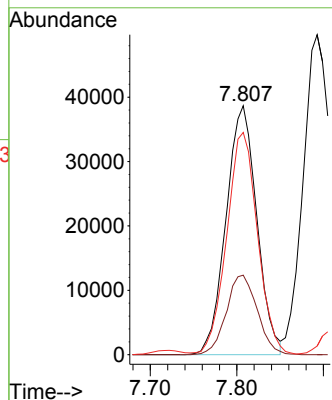
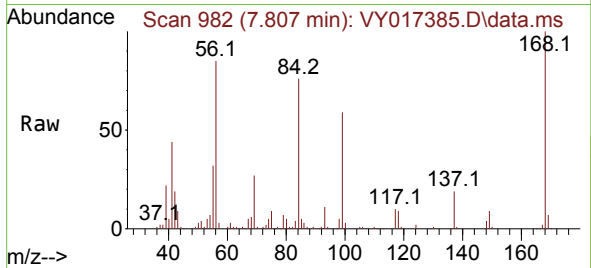




#31
Cyclohexane
Concen: 47.095 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY017385.D
Acq: 15 Feb 2024 12:02

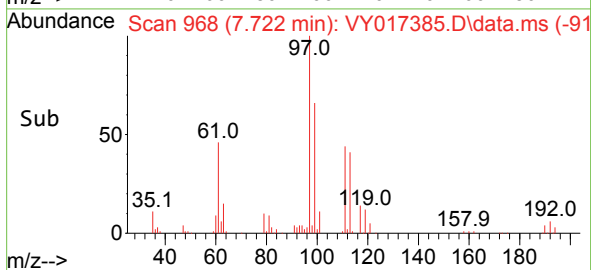
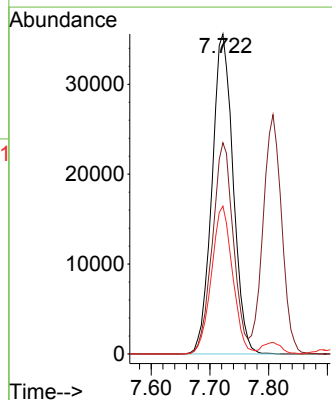
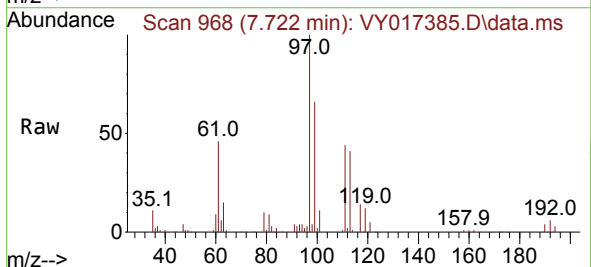
Instrument :
MSVOA_Y
ClientSampleId :
ICVY021524

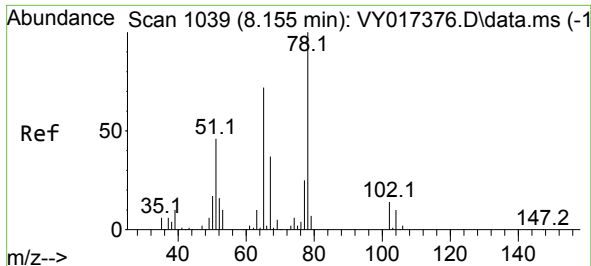
Tgt Ion: 56 Resp: 95450
Ion Ratio Lower Upper
56 100
69 31.9 27.0 40.6
84 88.1 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 47.311 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY017385.D
Acq: 15 Feb 2024 12:02

Tgt Ion: 97 Resp: 89015
Ion Ratio Lower Upper
97 100
99 65.5 51.2 76.8
61 46.2 35.0 52.6

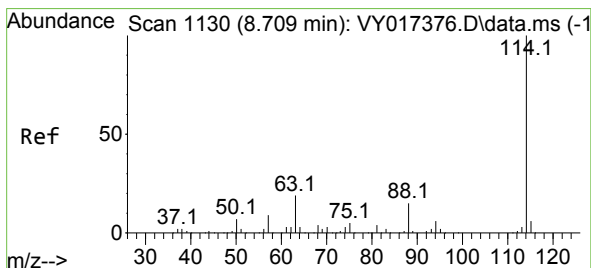
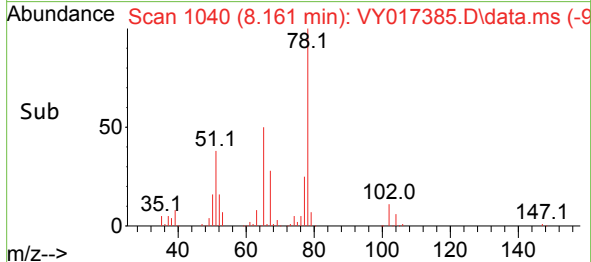
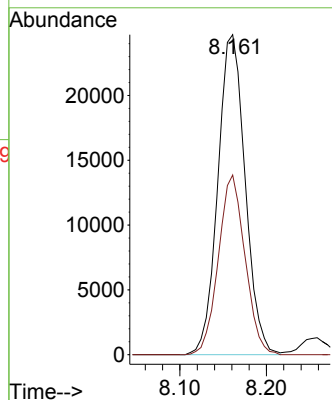
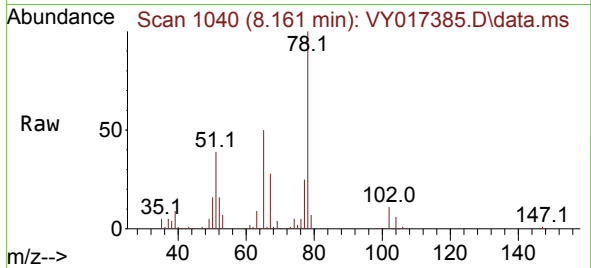




#33
 1,2-Dichloroethane-d4
 Concen: 50.802 ug/l
 RT: 8.161 min Scan# 110
 Delta R.T. 0.006 min
 Lab File: VY017385.D
 Acq: 15 Feb 2024 12:02

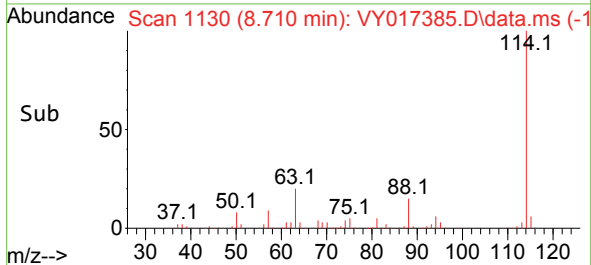
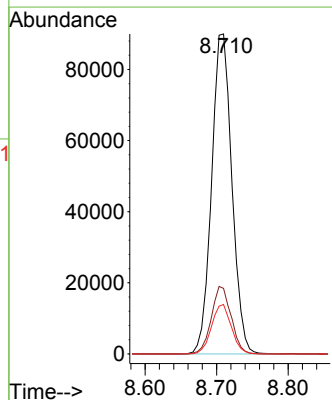
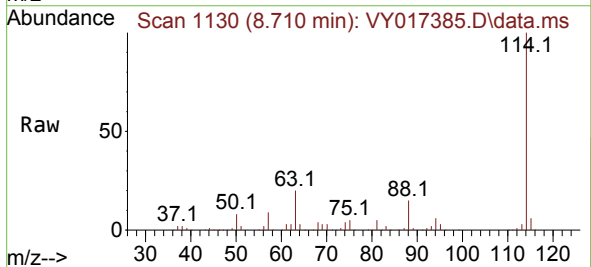
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY021524

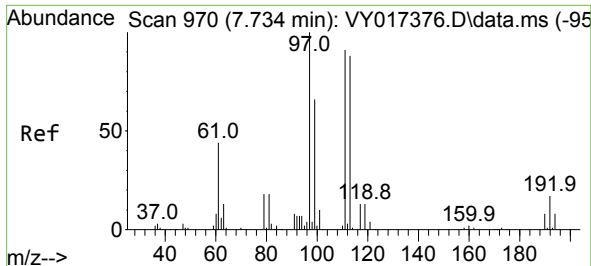
Tgt Ion: 65 Resp: 54085
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.710 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VY017385.D
 Acq: 15 Feb 2024 12:02

Tgt Ion: 114 Resp: 177343
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 37.4
 88 15.4 0.0 29.0

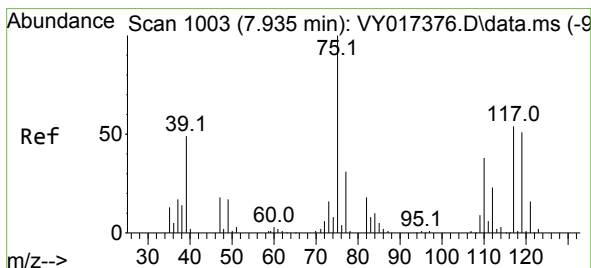
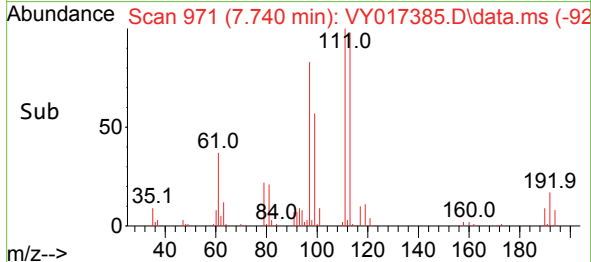
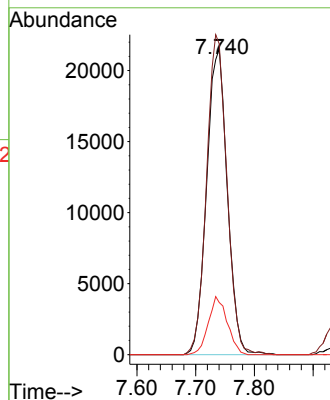
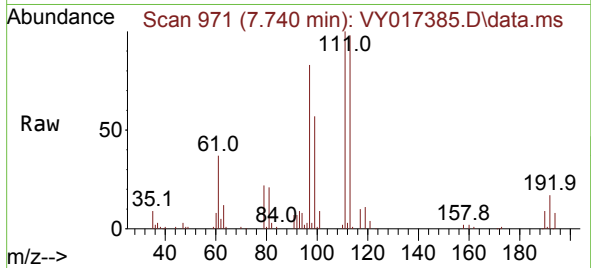




#35
Dibromofluoromethane
Concen: 46.535 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017385.D
Acq: 15 Feb 2024 12:02

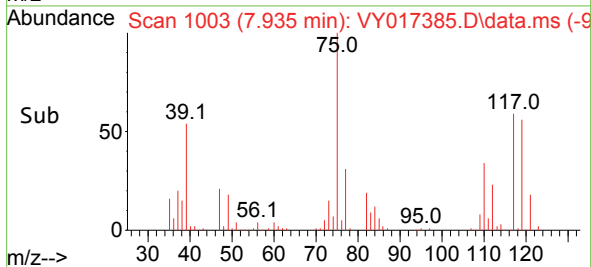
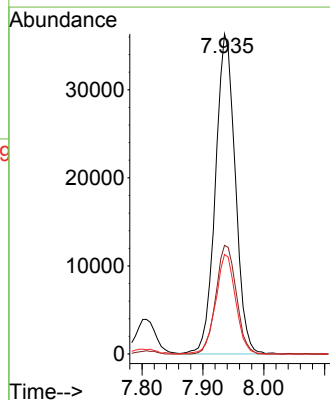
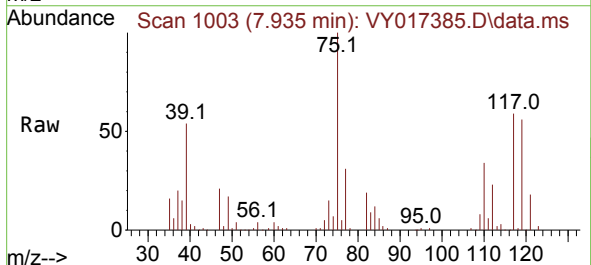
Instrument :
MSVOA_Y
ClientSampleId :
ICVY021524

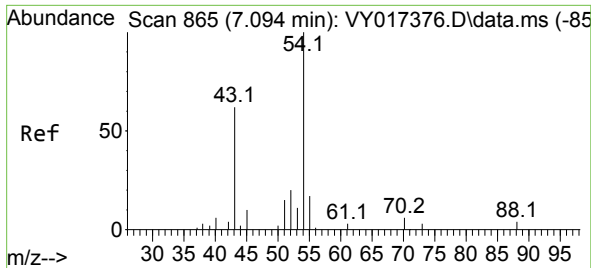
Tgt Ion:113 Resp: 52616
Ion Ratio Lower Upper
113 100
111 102.9 83.8 125.6
192 17.5 14.5 21.7



#36
1,1-Dichloropropene
Concen: 44.475 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY017385.D
Acq: 15 Feb 2024 12:02

Tgt Ion: 75 Resp: 82337
Ion Ratio Lower Upper
75 100
110 34.9 17.4 52.3
77 31.3 24.7 37.1

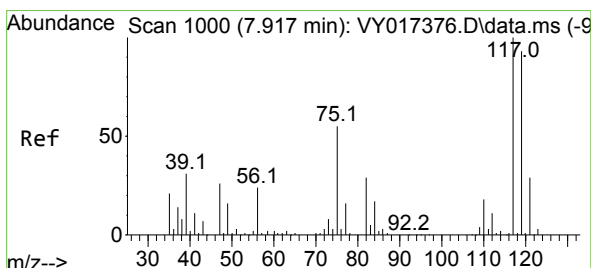
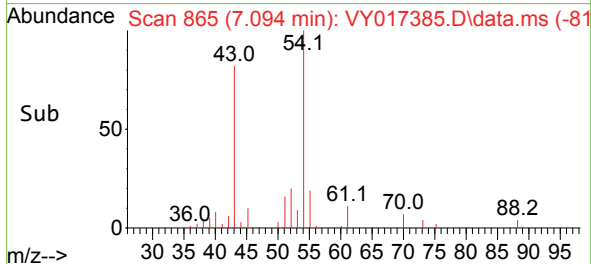
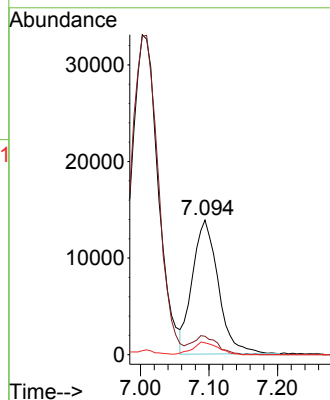
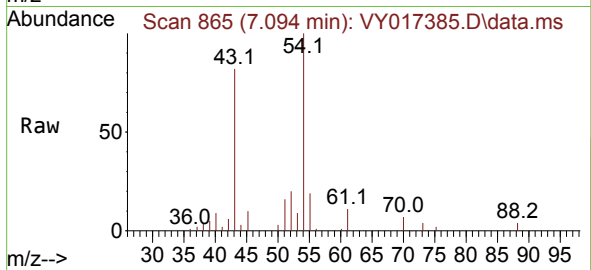




#37
Ethyl Acetate
Concen: 48.232 ug/l
RT: 7.094 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY017385.D
Acq: 15 Feb 2024 12:02

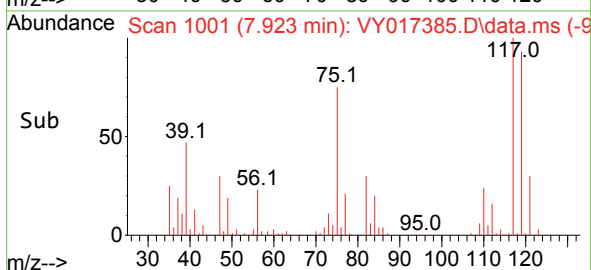
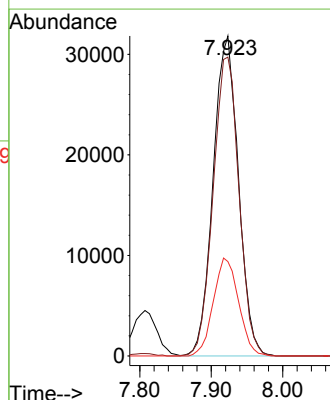
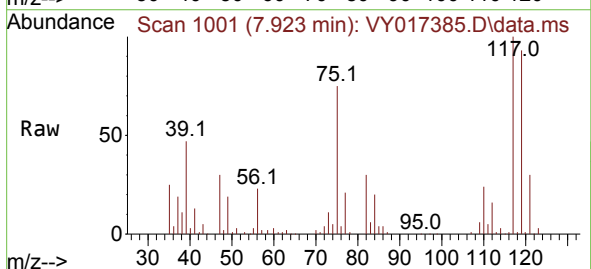
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY021524

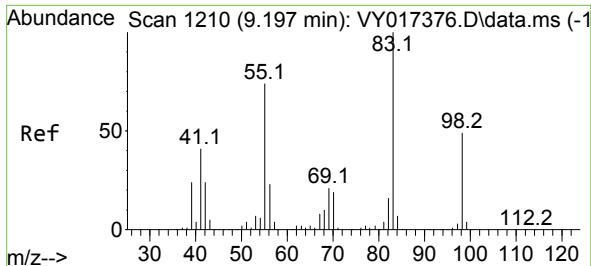
Tgt Ion: 43	Resp: 36301
Ion Ratio	Lower Upper
43 100	
61 14.0	11.0 16.6
70 9.2	8.1 12.1



#38
Carbon Tetrachloride
Concen: 44.003 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY017385.D
Acq: 15 Feb 2024 12:02

Tgt Ion:117	Resp:	78167	
Ion	Ratio	Lower	Upper
117	100		
119	93.4	76.0	114.0
121	29.5	24.2	36.2

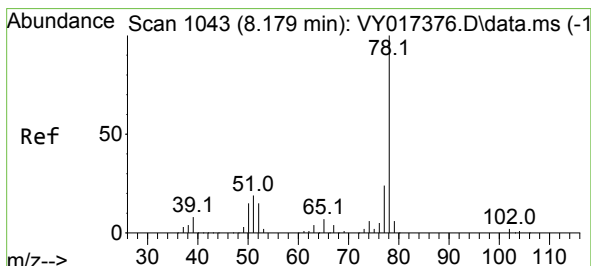
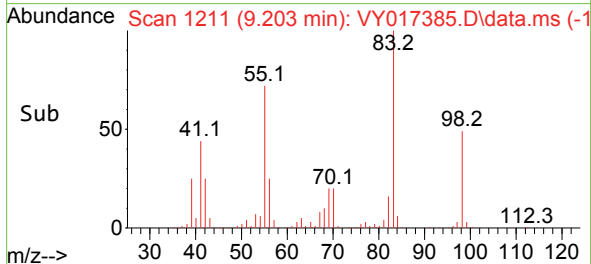
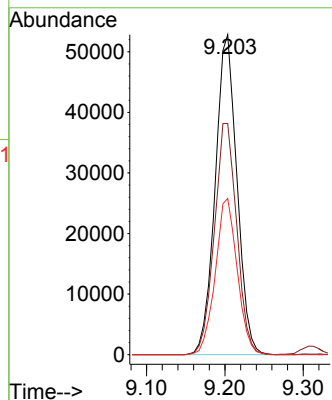
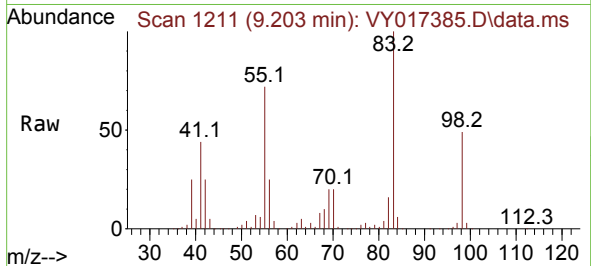




#39
Methylcyclohexane
Concen: 46.028 ug/l
RT: 9.203 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017385.D
Acq: 15 Feb 2024 12:02

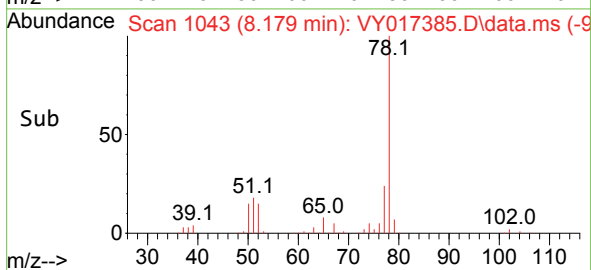
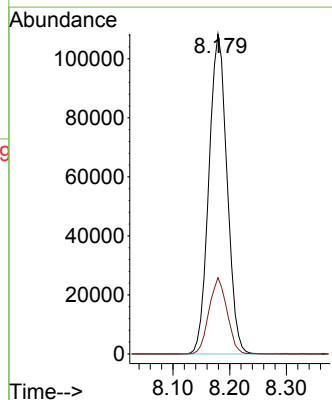
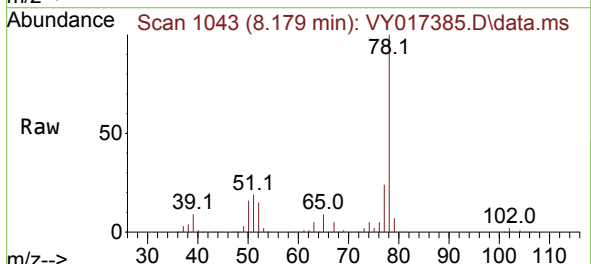
Instrument :
MSVOA_Y
ClientSampleId :
ICVY021524

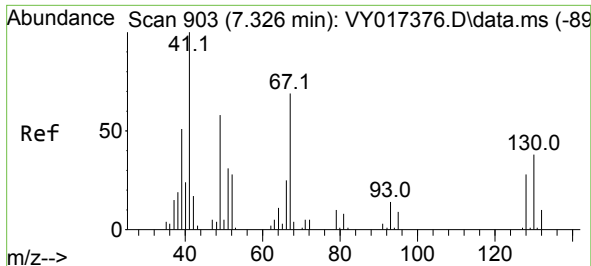
Tgt Ion: 83 Resp: 102027
Ion Ratio Lower Upper
83 100
55 72.3 59.7 89.5
98 48.8 38.0 57.0



#40
Benzene
Concen: 46.397 ug/l
RT: 8.179 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY017385.D
Acq: 15 Feb 2024 12:02

Tgt Ion: 78 Resp: 240649
Ion Ratio Lower Upper
78 100
77 23.8 18.8 28.2



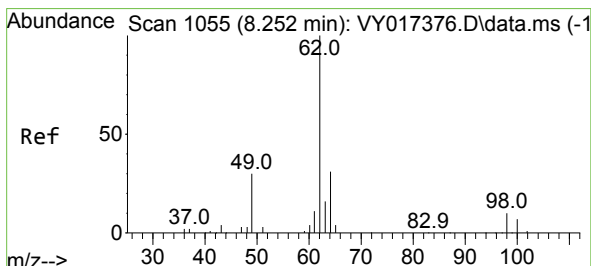
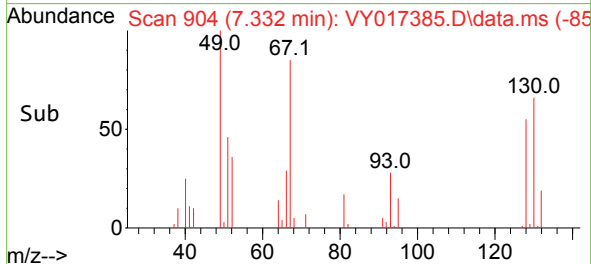
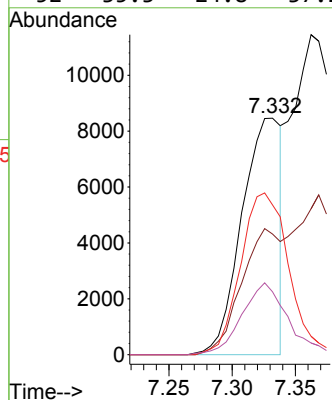
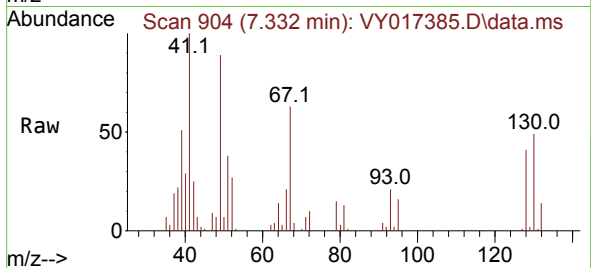


#41
Methacrylonitrile
Concen: 47.854 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY017385.D
Acq: 15 Feb 2024 12:02

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY021524

Tgt Ion: 41 Resp: 18357

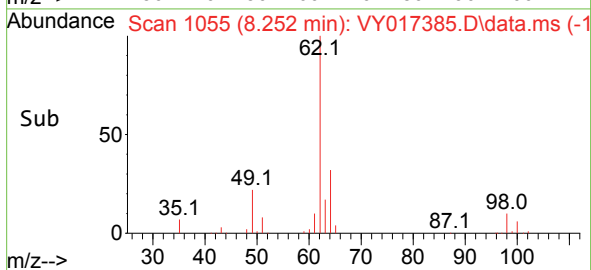
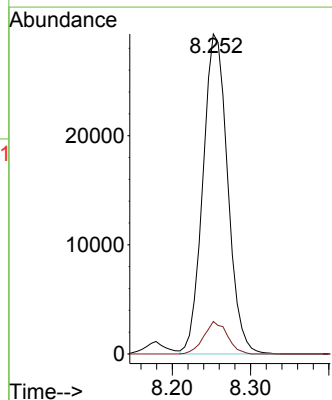
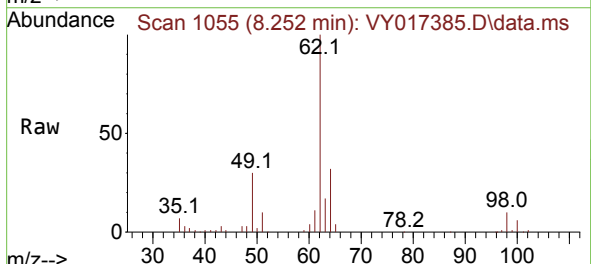
Ion	Ratio	Lower	Upper
41	100		
39	52.5	41.9	62.9
67	83.9	59.8	89.6
52	35.3	24.8	37.2

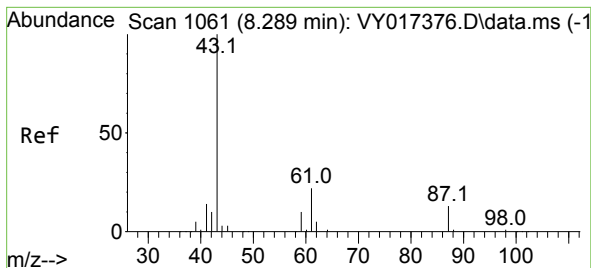


#42
1,2-Dichloroethane
Concen: 48.740 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VY017385.D
Acq: 15 Feb 2024 12:02

Tgt Ion: 62 Resp: 64340

Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	20.2





#43

Isopropyl Acetate

Concen: 52.340 ug/l

RT: 8.289 min Scan# 1061

Delta R.T. 0.000 min

Lab File: VY017385.D

Acq: 15 Feb 2024 12:02

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY021524

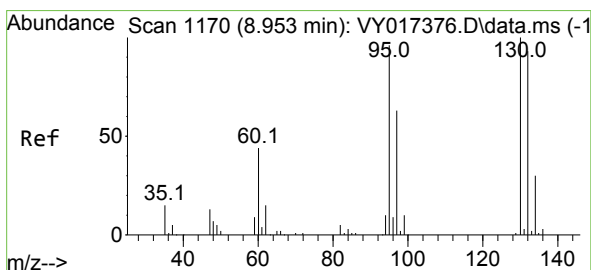
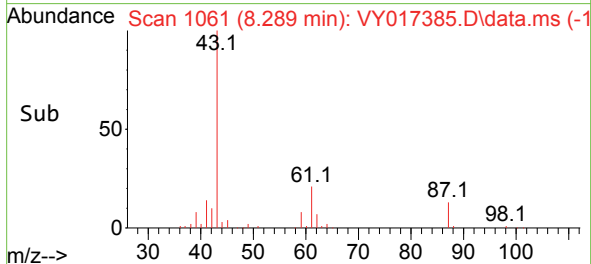
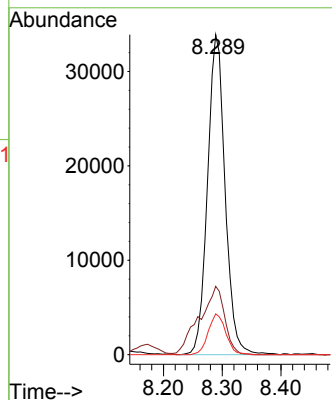
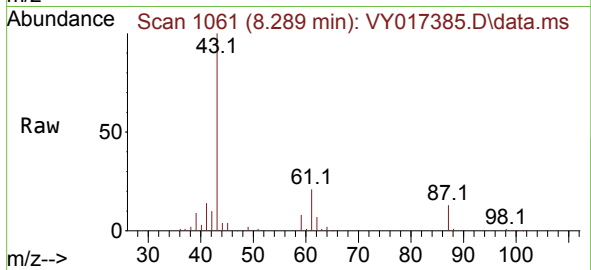
Tgt Ion: 43 Resp: 70565

Ion Ratio Lower Upper

43 100

61 30.7 24.8 37.2

87 12.7 10.7 16.1



#44

Trichloroethene

Concen: 44.364 ug/l

RT: 8.960 min Scan# 1171

Delta R.T. 0.006 min

Lab File: VY017385.D

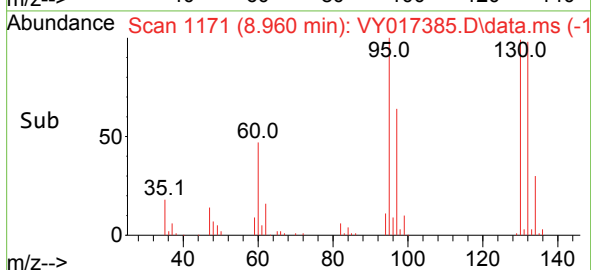
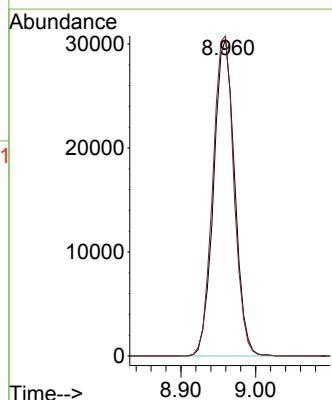
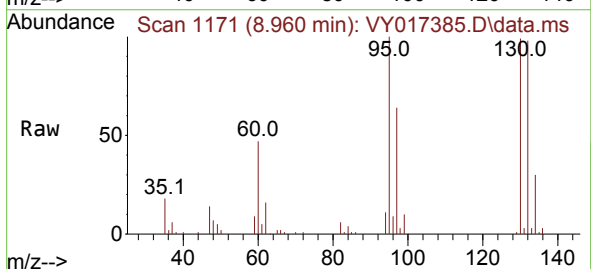
Acq: 15 Feb 2024 12:02

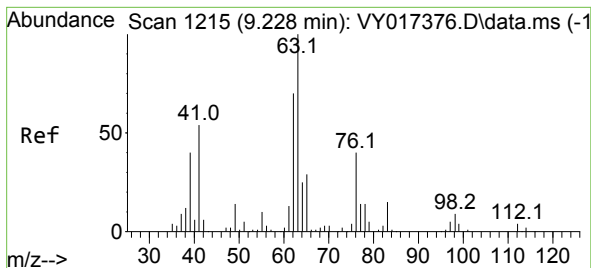
Tgt Ion:130 Resp: 59461

Ion Ratio Lower Upper

130 100

95 101.1 0.0 203.8





#45

1,2-Dichloropropane

Concen: 48.146 ug/l

RT: 9.234 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017385.D

Acq: 15 Feb 2024 12:02

Instrument :

MSVOA_Y

ClientSampleId :

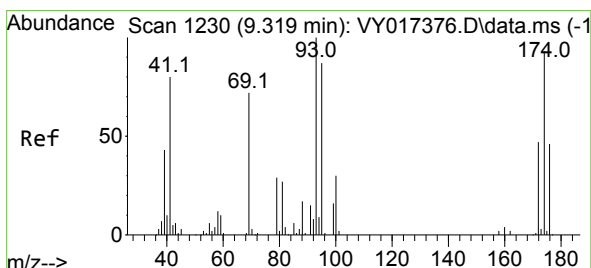
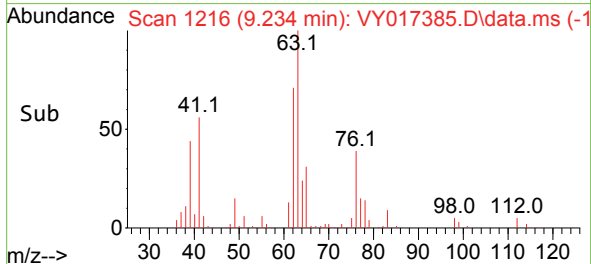
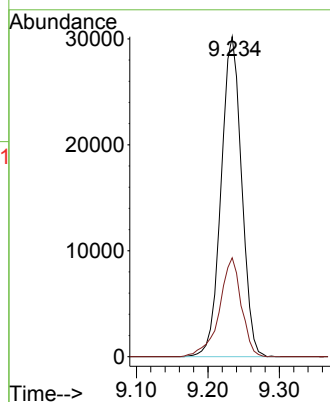
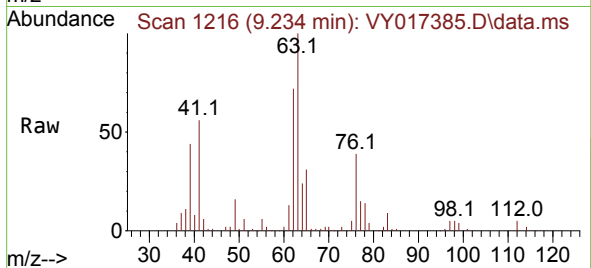
ICVVY021524

Tgt Ion: 63 Resp: 60100

Ion Ratio Lower Upper

63 100

65 30.9 24.6 36.8



#46

Dibromomethane

Concen: 49.101 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.000 min

Lab File: VY017385.D

Acq: 15 Feb 2024 12:02

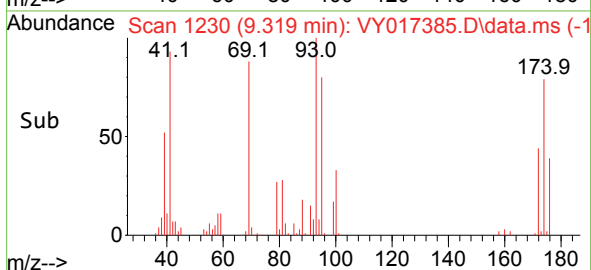
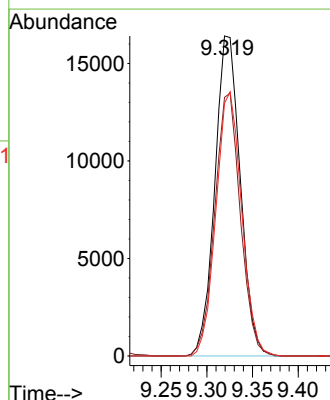
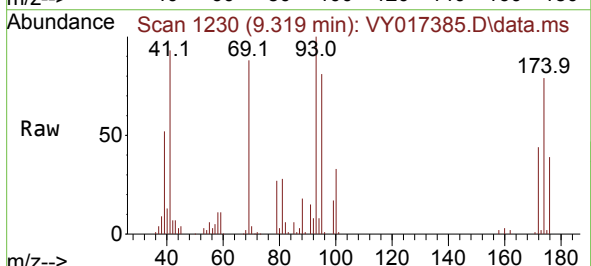
Tgt Ion: 93 Resp: 31805

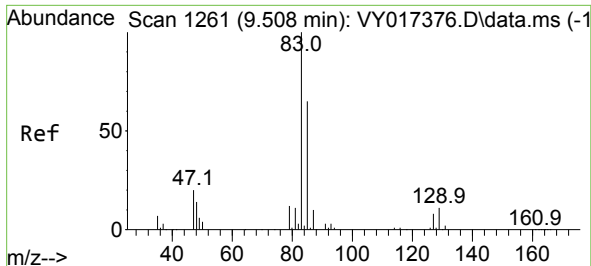
Ion Ratio Lower Upper

93 100

95 82.4 66.6 99.8

174 83.3 73.8 110.6

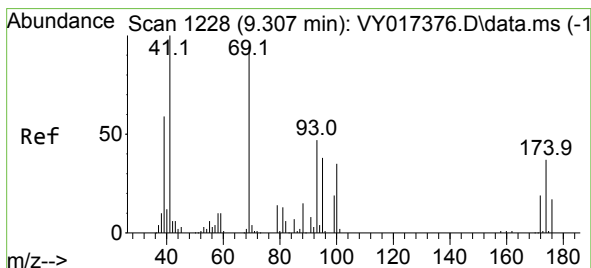
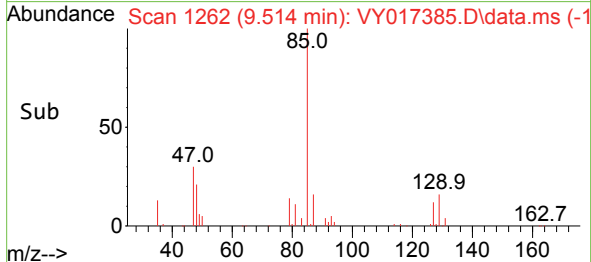
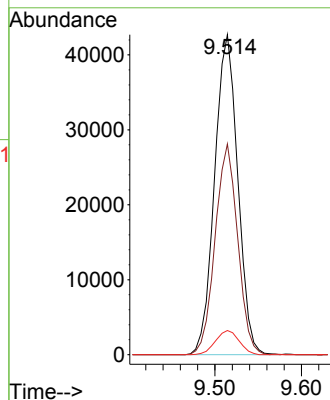
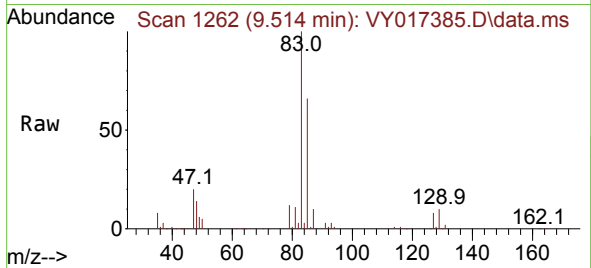




#47
Bromodichloromethane
Concen: 47.589 ug/l
RT: 9.514 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VY017385.D
Acq: 15 Feb 2024 12:02

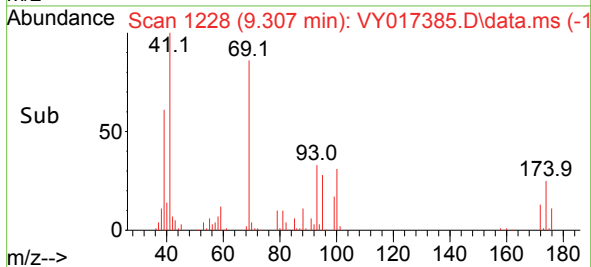
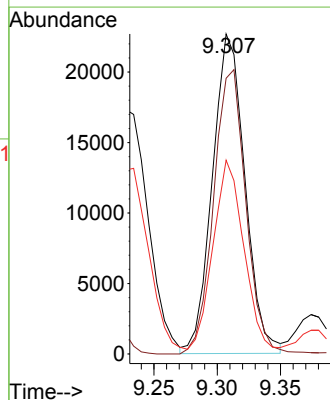
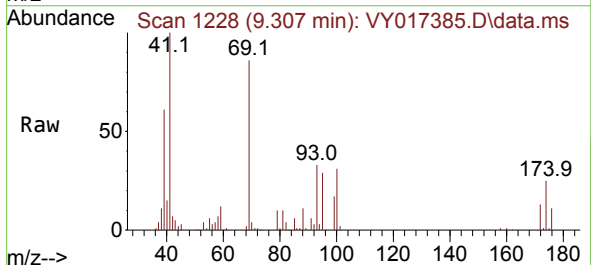
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY021524

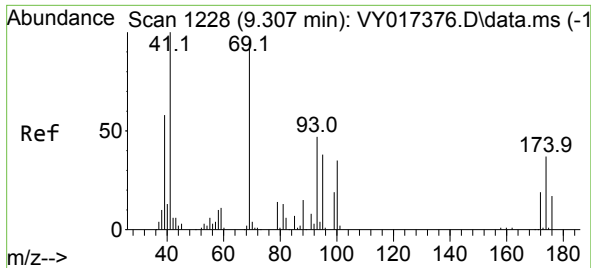
Tgt Ion: 83 Resp: 79284
Ion Ratio Lower Upper
83 100
85 65.8 53.2 79.8
127 7.6 6.4 9.6



#48
Methyl methacrylate
Concen: 57.087 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY017385.D
Acq: 15 Feb 2024 12:02

Tgt Ion: 41 Resp: 40579
Ion Ratio Lower Upper
41 100
69 88.2 72.1 108.1
39 55.9 42.8 64.2

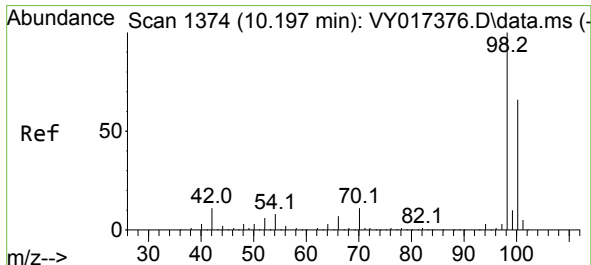
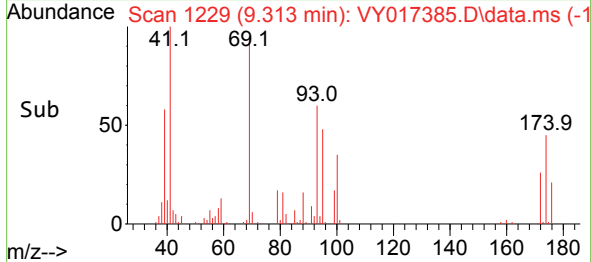
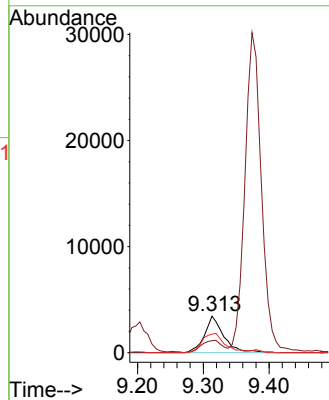
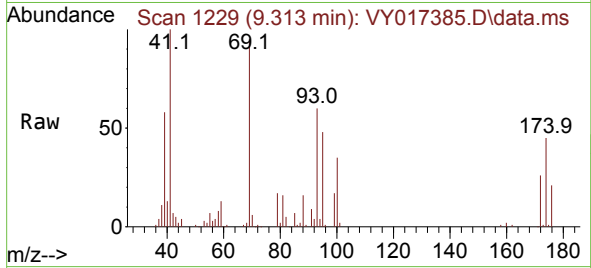




#49
1,4-Dioxane
Concen: 1048.778 ug/l
RT: 9.313 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017385.D
Acq: 15 Feb 2024 12:02

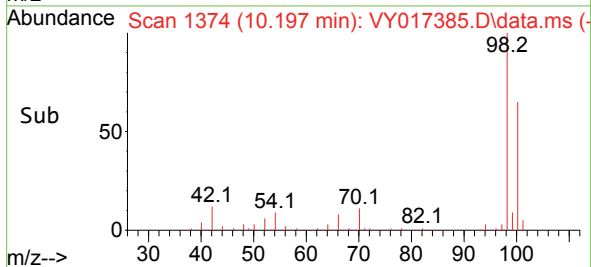
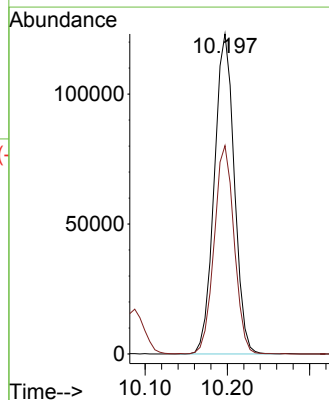
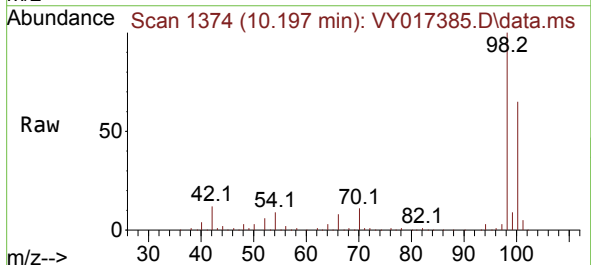
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY021524

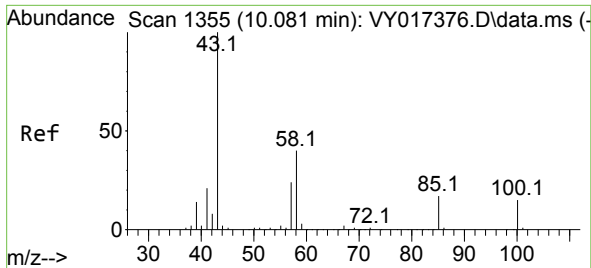
Tgt Ion: 88 Resp: 7000
Ion Ratio Lower Upper
88 100
43 37.0 28.2 42.4
58 61.2 52.2 78.2



#50
Toluene-d8
Concen: 47.501 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.000 min
Lab File: VY017385.D
Acq: 15 Feb 2024 12:02

Tgt Ion: 98 Resp: 208108
Ion Ratio Lower Upper
98 100
100 65.0 52.3 78.5

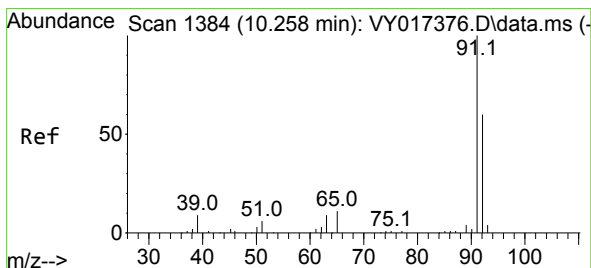
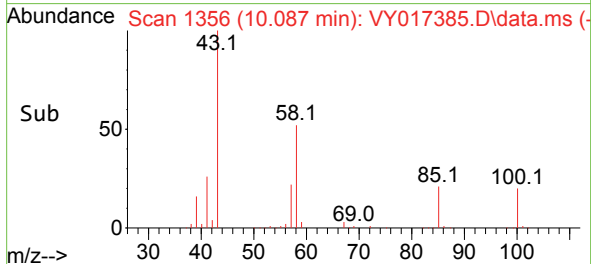
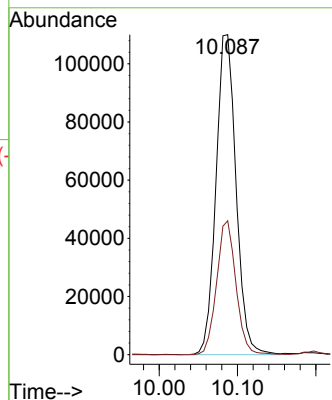
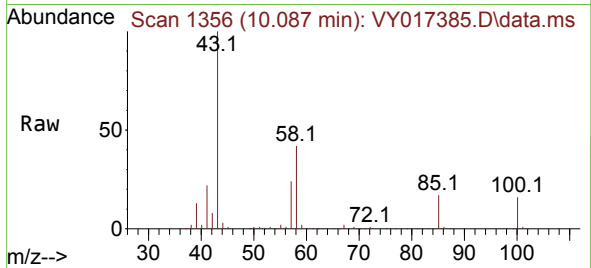




#51
4-Methyl-2-Pentanone
Concen: 267.693 ug/l
RT: 10.087 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY017385.D
Acq: 15 Feb 2024 12:02

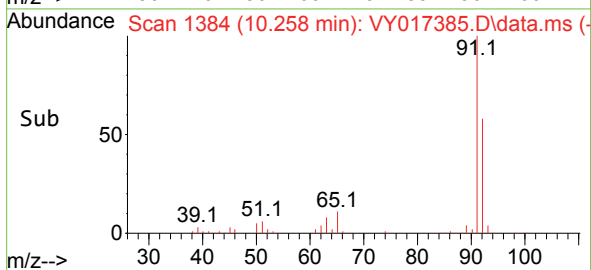
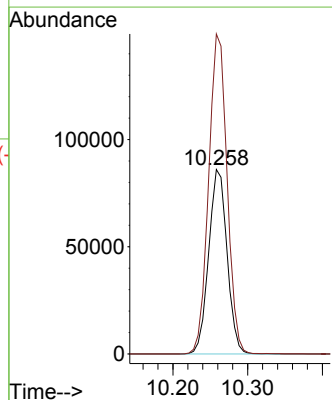
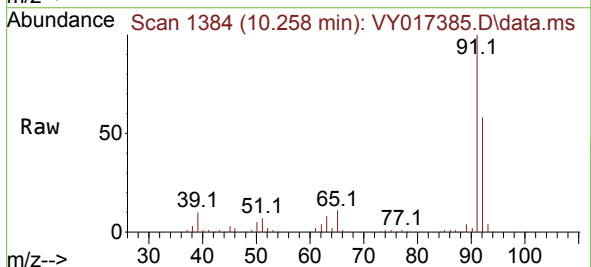
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY021524

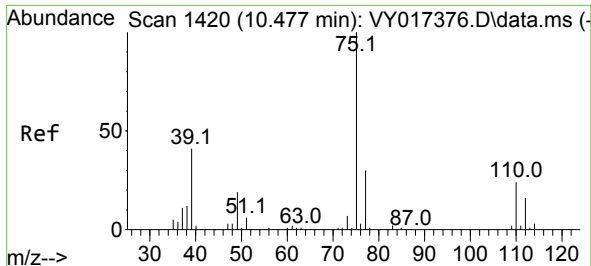
Tgt Ion: 43 Resp: 196093
Ion Ratio Lower Upper
43 100
58 40.3 32.2 48.2



#52
Toluene
Concen: 46.673 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VY017385.D
Acq: 15 Feb 2024 12:02

Tgt Ion: 92 Resp: 147113
Ion Ratio Lower Upper
92 100
91 174.1 137.6 206.4

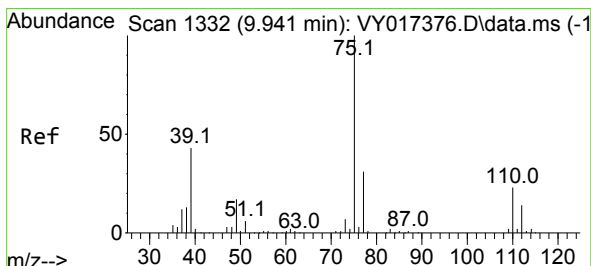
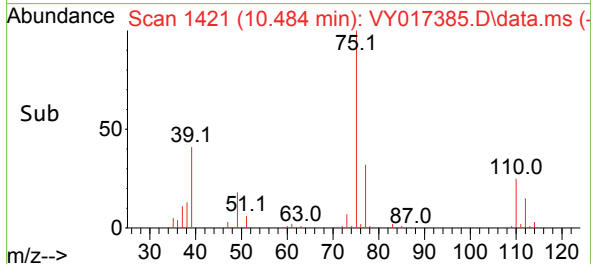
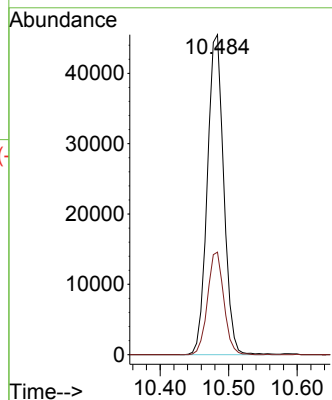
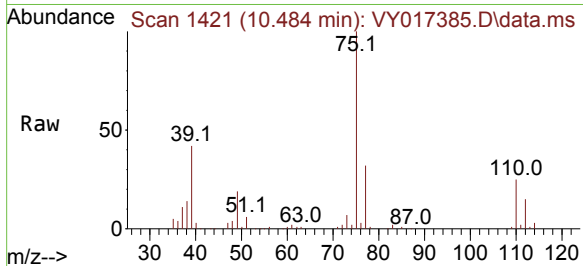




#53
 t-1,3-Dichloropropene
 Concen: 49.183 ug/l
 RT: 10.484 min Scan# 1420
 Delta R.T. 0.006 min
 Lab File: VY017385.D
 Acq: 15 Feb 2024 12:02

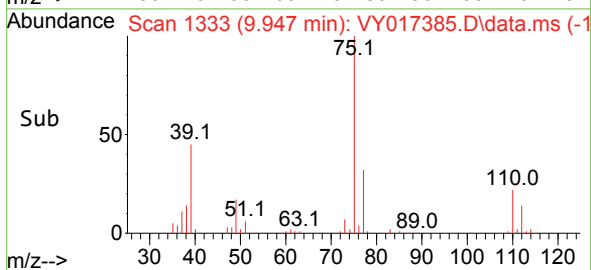
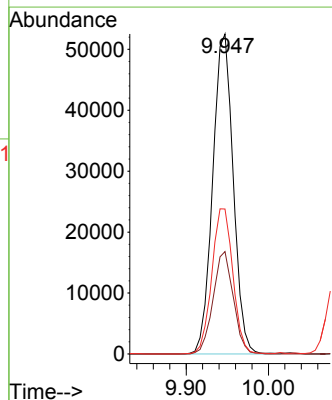
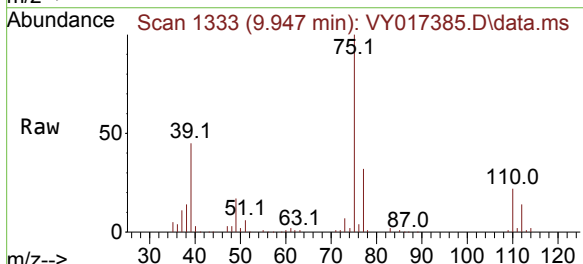
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY021524

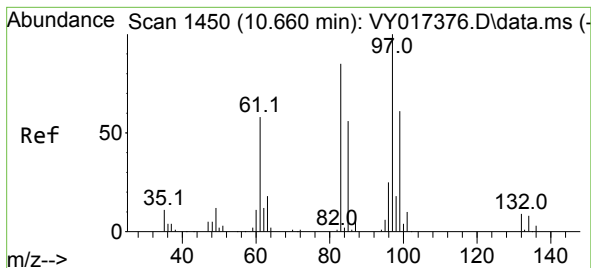
Tgt Ion: 75 Resp: 75912
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 48.214 ug/l
 RT: 9.947 min Scan# 1333
 Delta R.T. 0.006 min
 Lab File: VY017385.D
 Acq: 15 Feb 2024 12:02

Tgt Ion: 75 Resp: 91097
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.6 36.8
 39 45.3 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 48.387 ug/l

RT: 10.660 min Scan# 1450

Delta R.T. 0.000 min

Lab File: VY017385.D

Acq: 15 Feb 2024 12:02

Instrument :

MSVOA_Y

ClientSampleId :

ICVY021524

Tgt Ion: 97 Resp: 42984

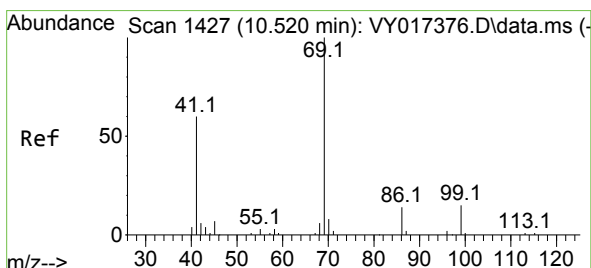
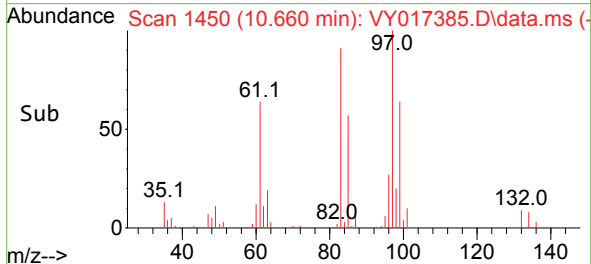
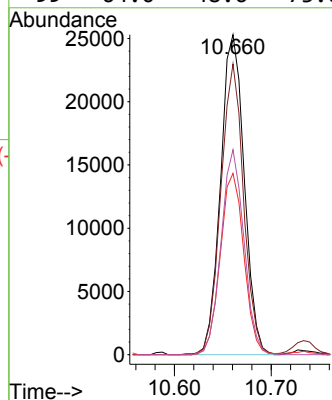
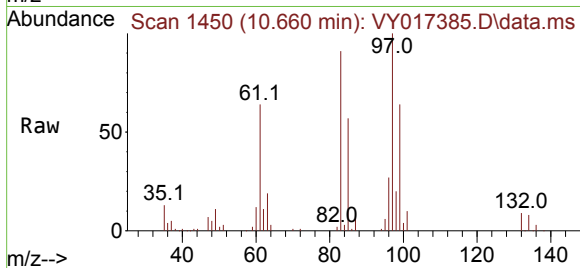
Ion Ratio Lower Upper

97 100

83 90.8 69.4 104.2

85 56.7 43.9 65.9

99 64.0 48.6 73.0



#56

Ethyl methacrylate

Concen: 45.385 ug/l

RT: 10.526 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VY017385.D

Acq: 15 Feb 2024 12:02

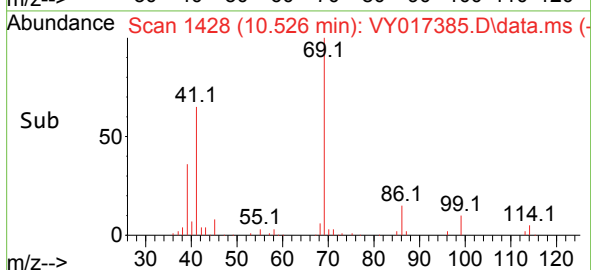
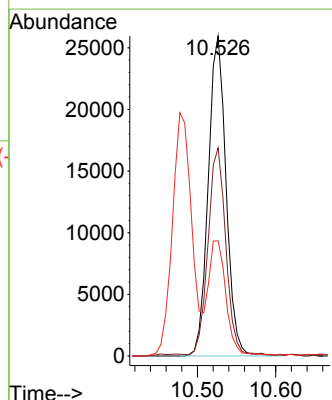
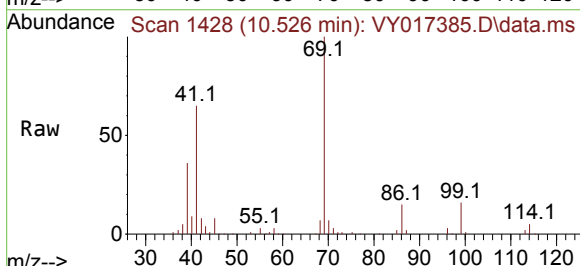
Tgt Ion: 69 Resp: 41094

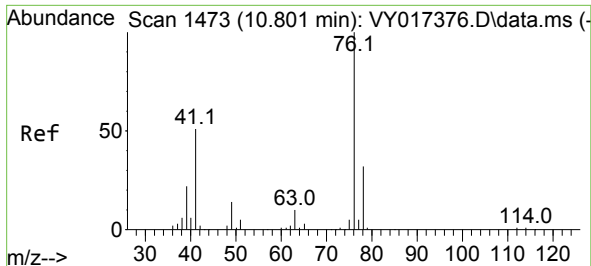
Ion Ratio Lower Upper

69 100

41 64.4 49.2 73.8

39 33.8 26.8 40.2





#57

1,3-Dichloropropane

Concen: 49.361 ug/l

RT: 10.807 min Scan# 1473

Delta R.T. 0.006 min

Lab File: VY017385.D

Acq: 15 Feb 2024 12:02

Instrument :

MSVOA_Y

ClientSampleId :

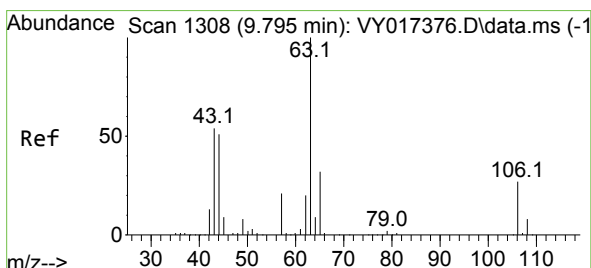
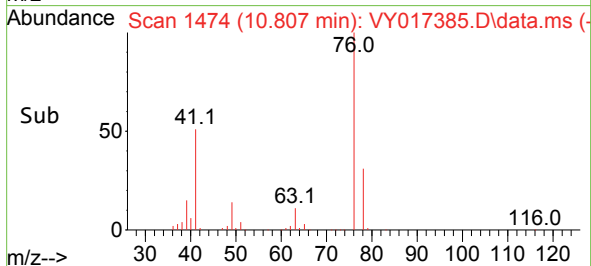
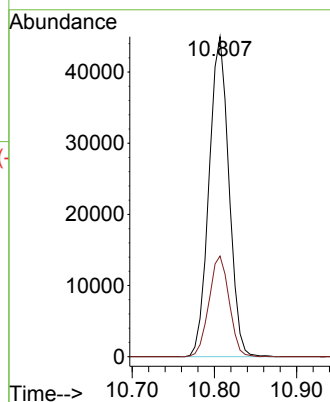
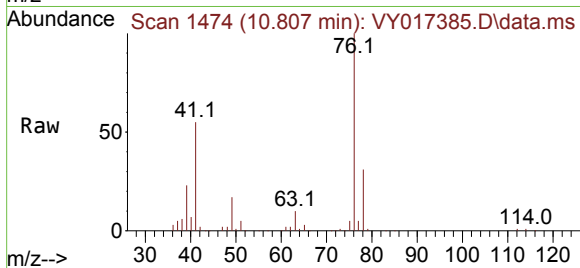
ICVVY021524

Tgt Ion: 76 Resp: 75523

Ion Ratio Lower Upper

76 100

78 31.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 269.138 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. 0.000 min

Lab File: VY017385.D

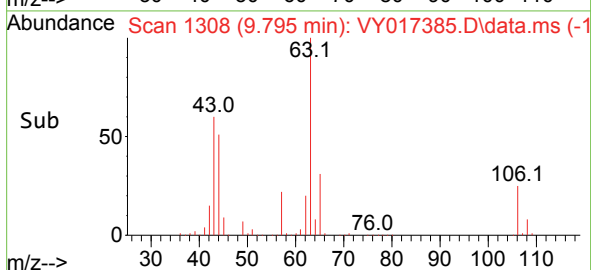
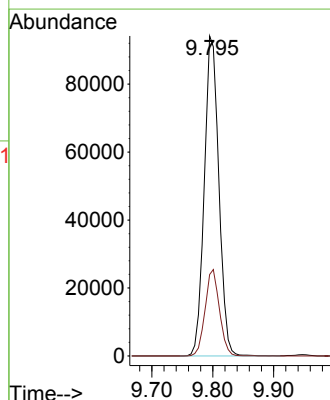
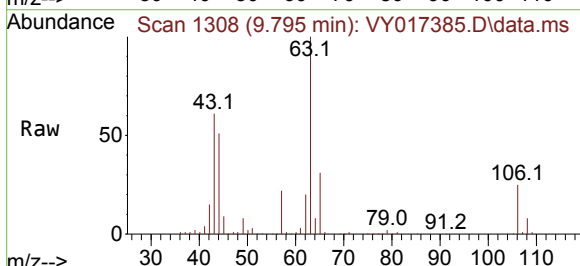
Acq: 15 Feb 2024 12:02

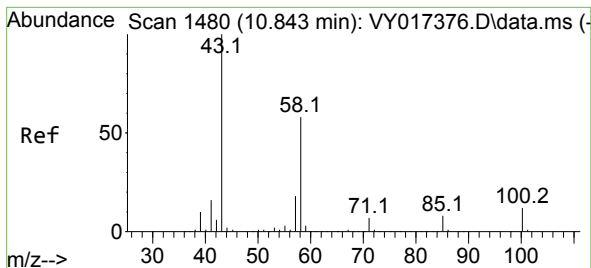
Tgt Ion: 63 Resp: 156295

Ion Ratio Lower Upper

63 100

106 26.6 22.4 33.6

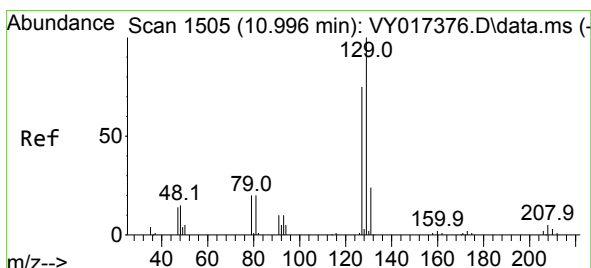
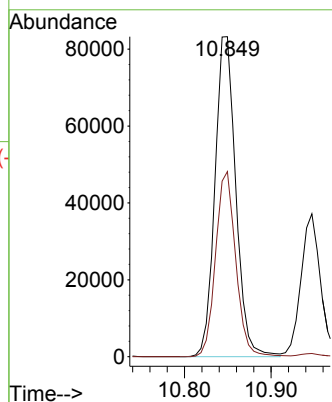
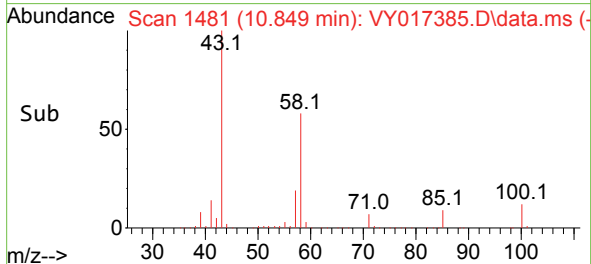
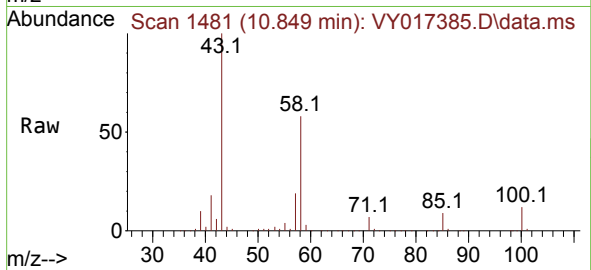




#59
2-Hexanone
Concen: 264.966 ug/l
RT: 10.849 min Scan# 1481
Delta R.T. 0.006 min
Lab File: VY017385.D
Acq: 15 Feb 2024 12:02

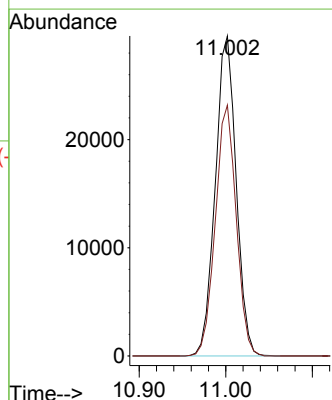
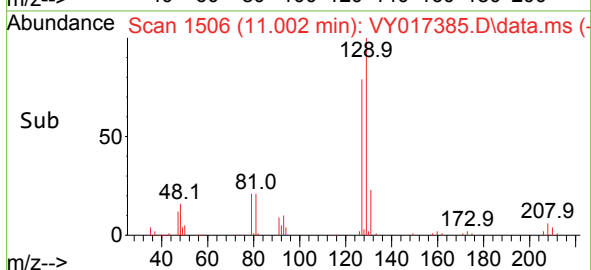
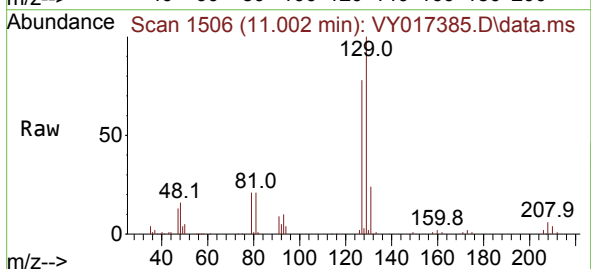
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY021524

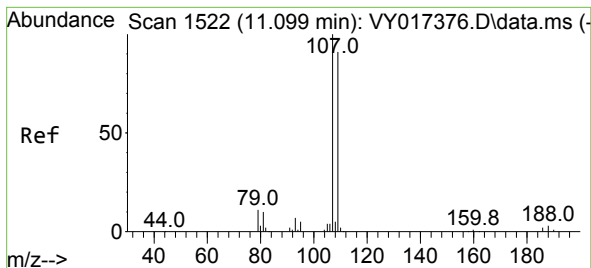
Tgt Ion: 43 Resp: 139480
Ion Ratio Lower Upper
43 100
58 55.9 28.1 84.3



#60
Dibromochloromethane
Concen: 47.990 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.006 min
Lab File: VY017385.D
Acq: 15 Feb 2024 12:02

Tgt Ion:129 Resp: 49511
Ion Ratio Lower Upper
129 100
127 78.5 39.2 117.6





#61

1,2-Dibromoethane

Concen: 48.498 ug/l

RT: 11.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017385.D

Acq: 15 Feb 2024 12:02

Instrument :

MSVOA_Y

ClientSampleId :

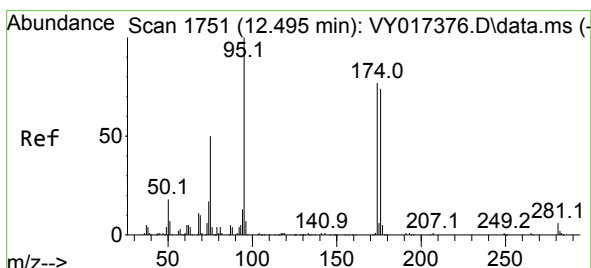
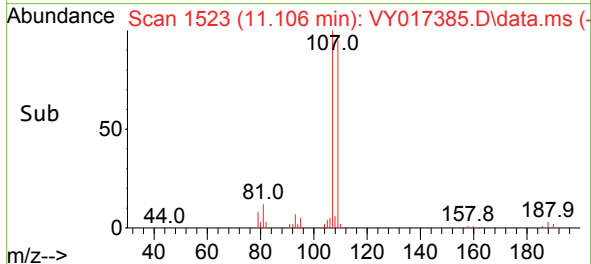
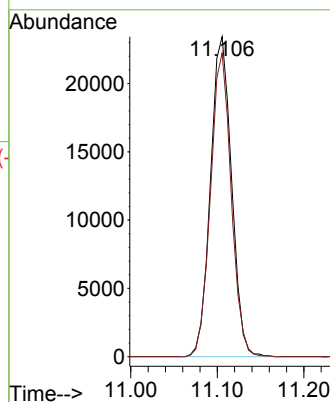
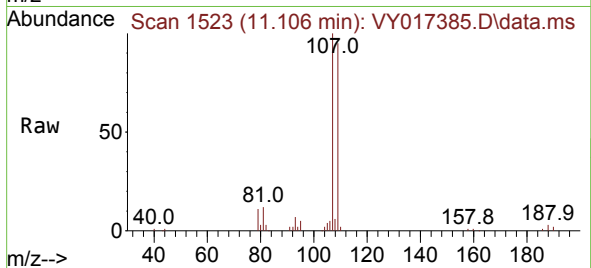
ICVVY021524

Tgt Ion:107 Resp: 39510

Ion Ratio Lower Upper

107 100

109 93.0 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 47.758 ug/l

RT: 12.496 min Scan# 1751

Delta R.T. 0.000 min

Lab File: VY017385.D

Acq: 15 Feb 2024 12:02

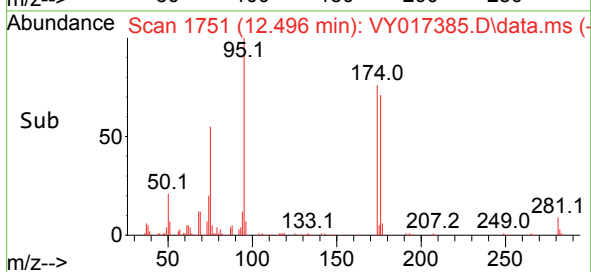
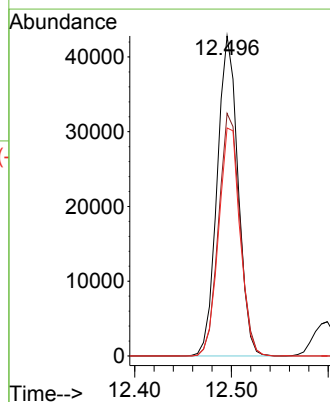
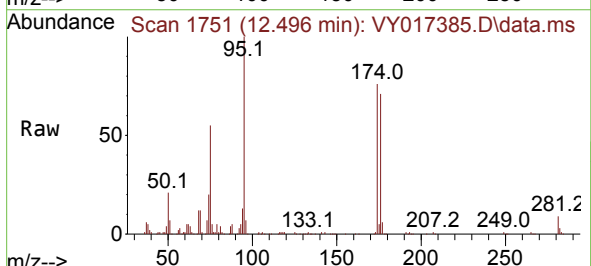
Tgt Ion: 95 Resp: 64144

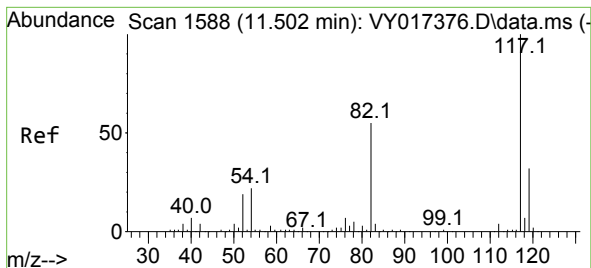
Ion Ratio Lower Upper

95 100

174 77.5 0.0 160.0

176 73.3 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017385.D

Acq: 15 Feb 2024 12:02

Instrument :

MSVOA_Y

ClientSampleId :

ICVY021524

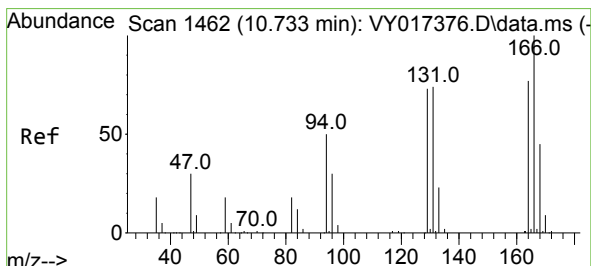
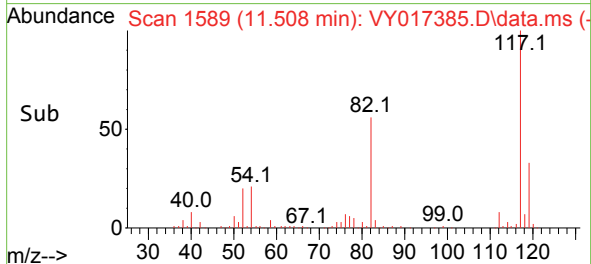
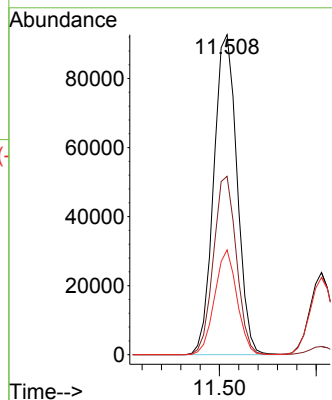
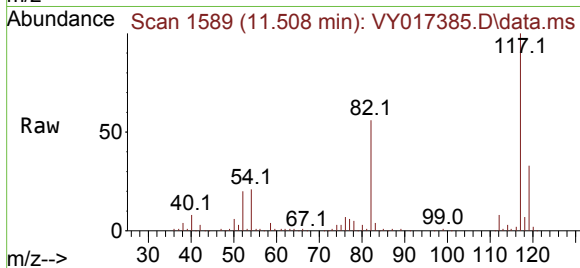
Tgt Ion:117 Resp: 155015

Ion Ratio Lower Upper

117 100

82 55.8 43.8 65.8

119 32.8 26.5 39.7



#64

Tetrachloroethene

Concen: 42.534 ug/l

RT: 10.734 min Scan# 1462

Delta R.T. 0.000 min

Lab File: VY017385.D

Acq: 15 Feb 2024 12:02

Tgt Ion:164 Resp: 48748

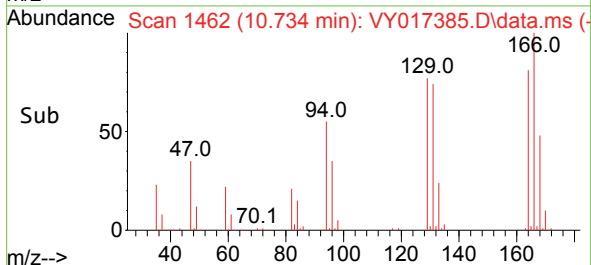
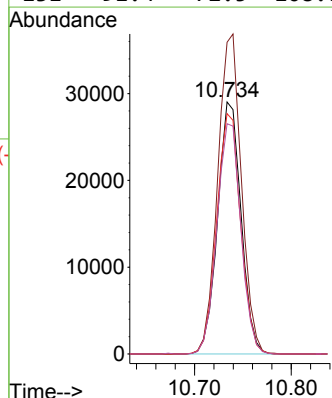
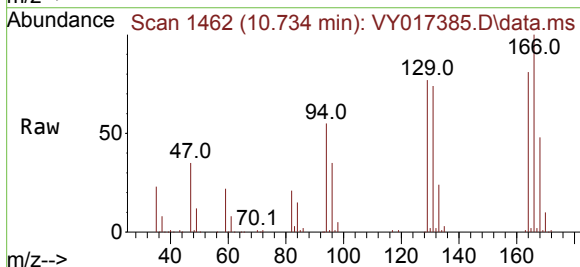
Ion Ratio Lower Upper

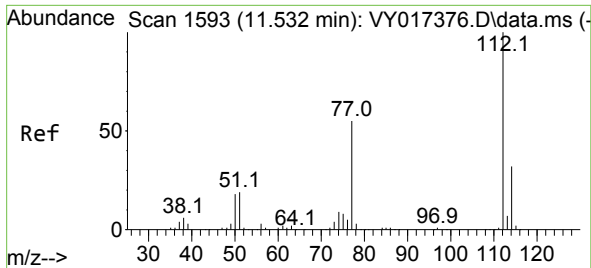
164 100

166 123.7 98.8 148.2

129 95.4 78.9 118.3

131 91.4 72.5 108.7

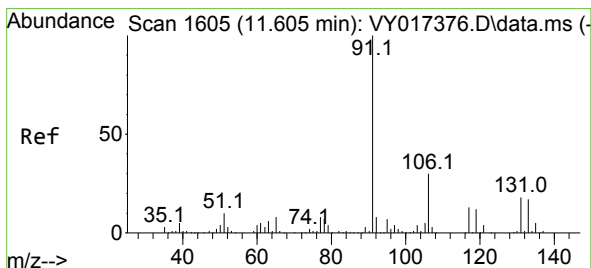
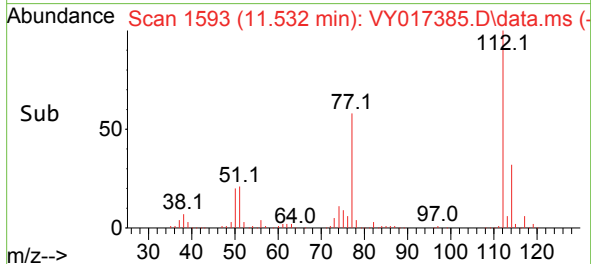
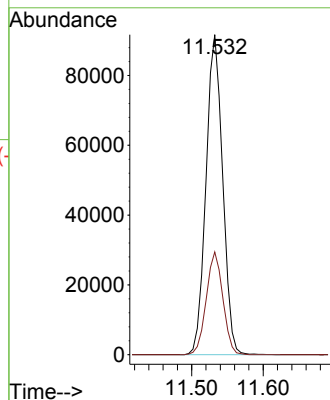
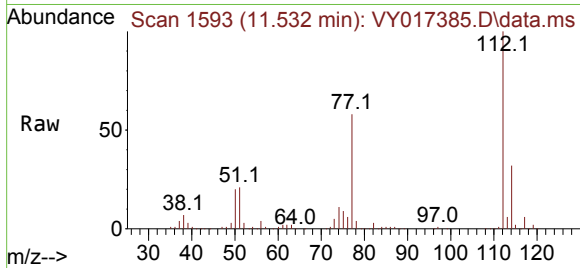




#65
Chlorobenzene
Concen: 45.124 ug/l
RT: 11.532 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017385.D
Acq: 15 Feb 2024 12:02

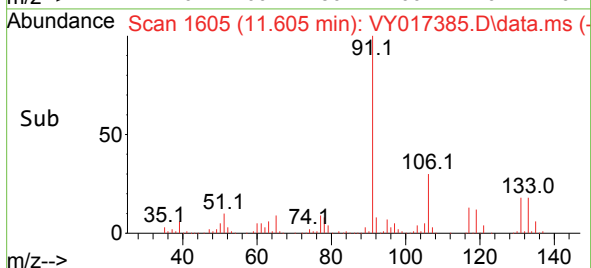
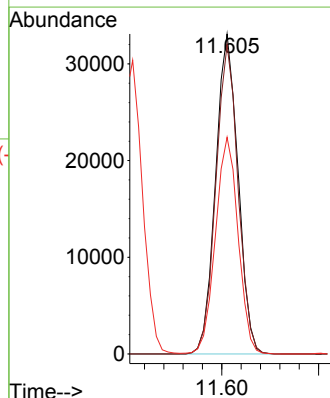
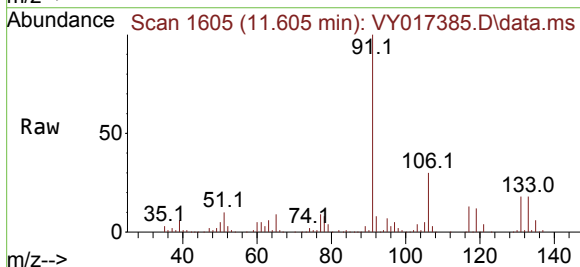
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY021524

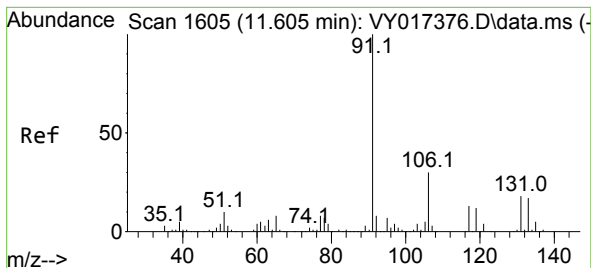
Tgt Ion:112 Resp: 148297
Ion Ratio Lower Upper
112 100
114 32.1 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 45.058 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.000 min
Lab File: VY017385.D
Acq: 15 Feb 2024 12:02

Tgt Ion:131 Resp: 53265
Ion Ratio Lower Upper
131 100
133 95.7 47.0 141.0
119 68.4 33.3 99.9





#67

Ethyl Benzene

Concen: 46.657 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.000 min

Lab File: VY017385.D

Acq: 15 Feb 2024 12:02

Instrument :

MSVOA_Y

ClientSampleId :

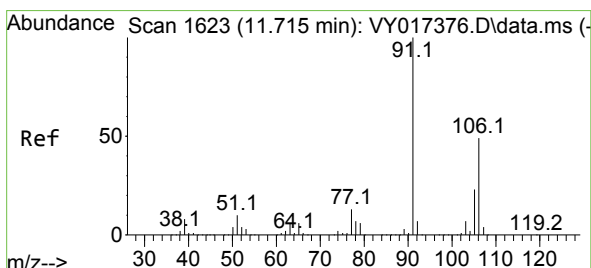
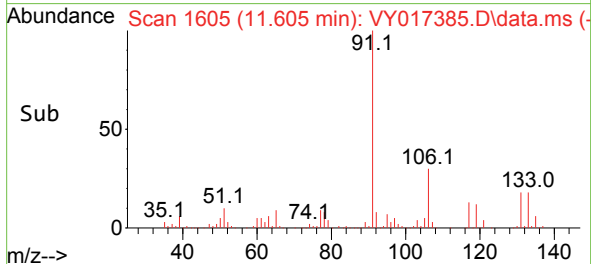
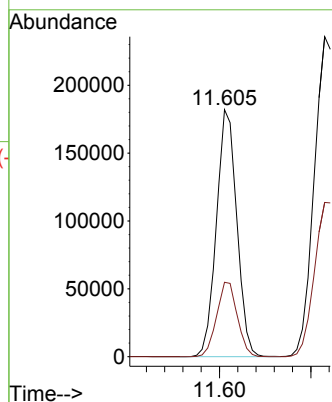
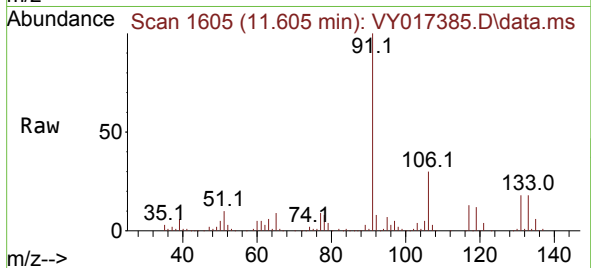
ICVVY021524

Tgt Ion: 91 Resp: 282436

Ion Ratio Lower Upper

91 100

106 30.1 25.0 37.4



#68

m/p-Xylenes

Concen: 92.994 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.000 min

Lab File: VY017385.D

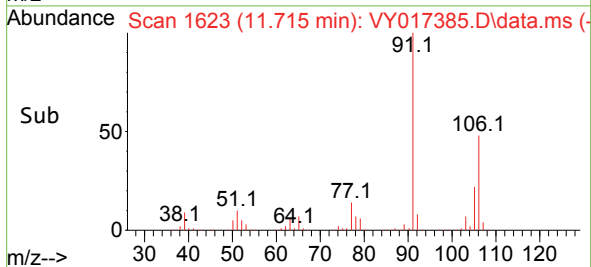
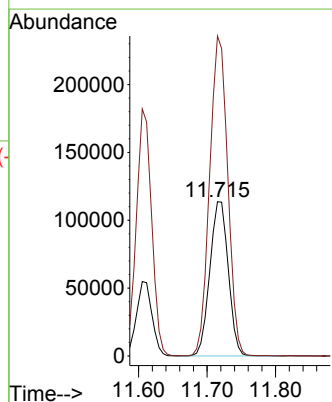
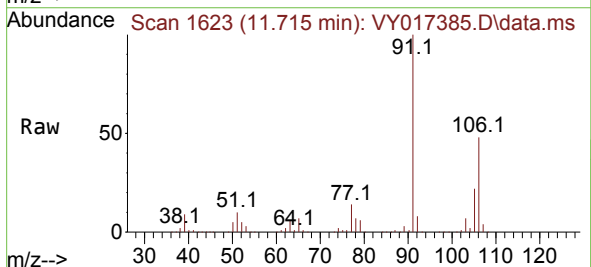
Acq: 15 Feb 2024 12:02

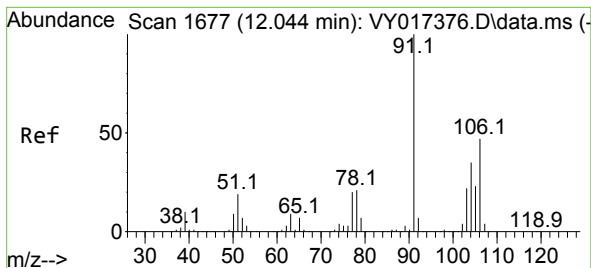
Tgt Ion:106 Resp: 212252

Ion Ratio Lower Upper

106 100

91 203.7 160.7 241.1





#69

o-Xylene

Concen: 47.027 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017385.D

Acq: 15 Feb 2024 12:02

Instrument :

MSVOA_Y

ClientSampleId :

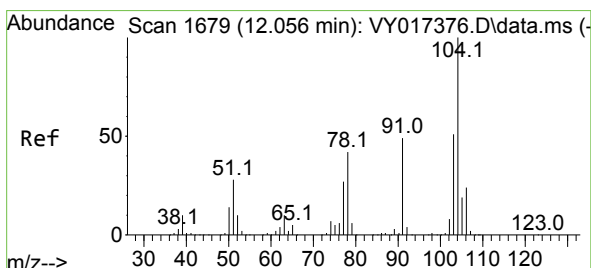
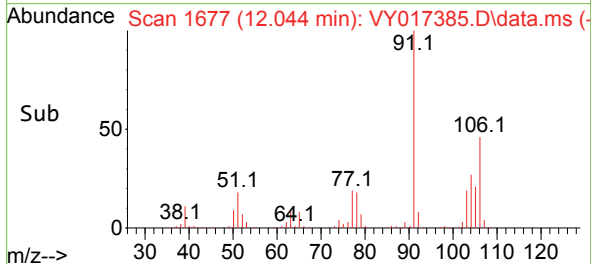
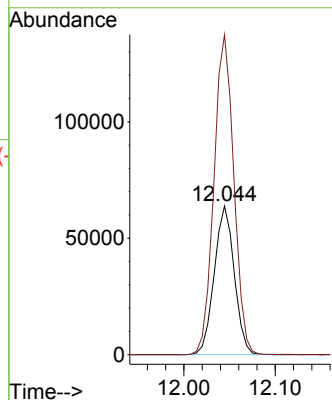
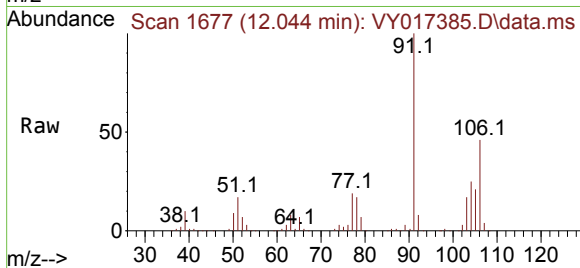
ICVVY021524

Tgt Ion:106 Resp: 97099

Ion Ratio Lower Upper

106 100

91 214.2 106.5 319.5



#70

Styrene

Concen: 45.179 ug/l

RT: 12.057 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VY017385.D

Acq: 15 Feb 2024 12:02

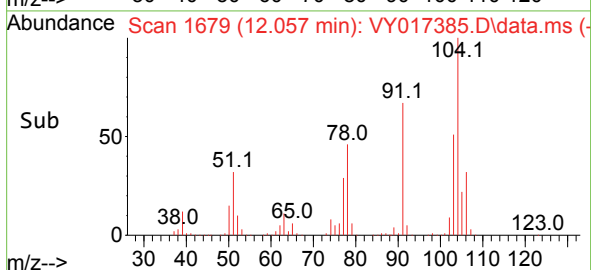
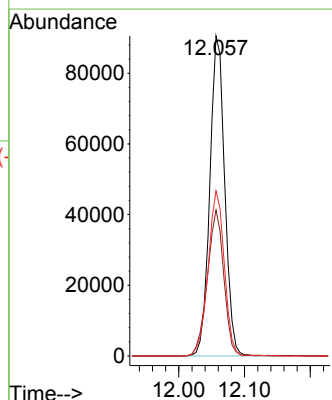
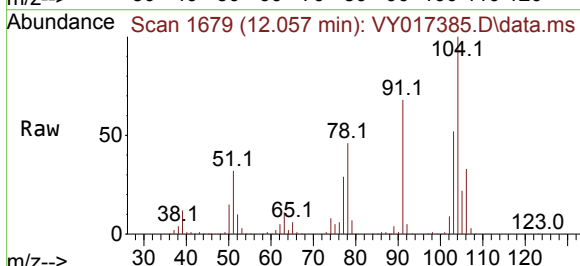
Tgt Ion:104 Resp: 143113

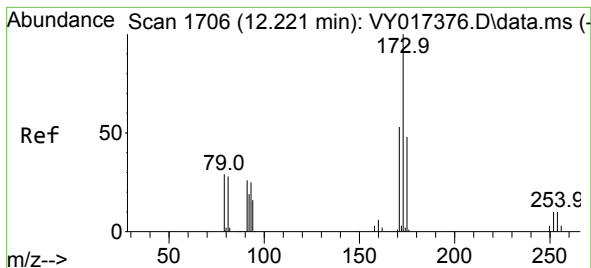
Ion Ratio Lower Upper

104 100

78 50.1 39.2 58.8

103 56.2 43.8 65.6





#71

Bromoform

Concen: 46.225 ug/l

RT: 12.221 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017385.D

Acq: 15 Feb 2024 12:02

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY021524

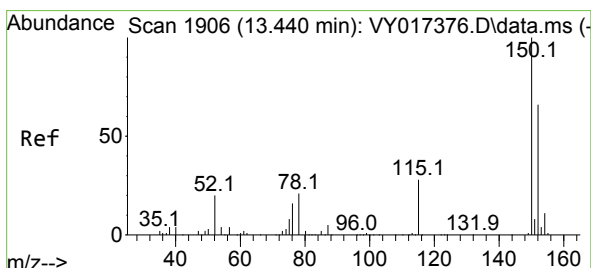
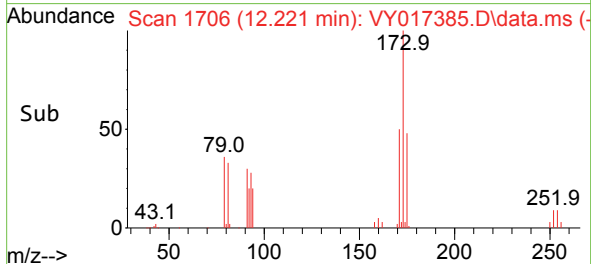
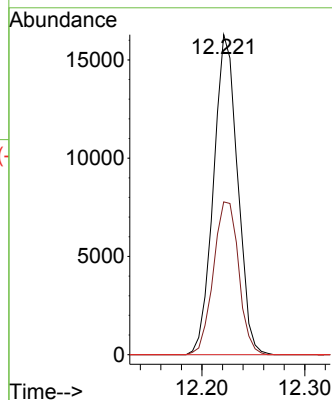
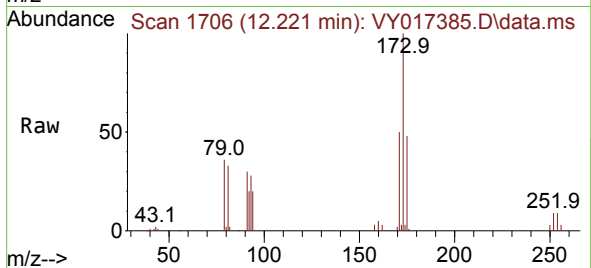
Tgt Ion:173 Resp: 26493

Ion Ratio Lower Upper

173 100

175 50.1 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY017385.D

Acq: 15 Feb 2024 12:02

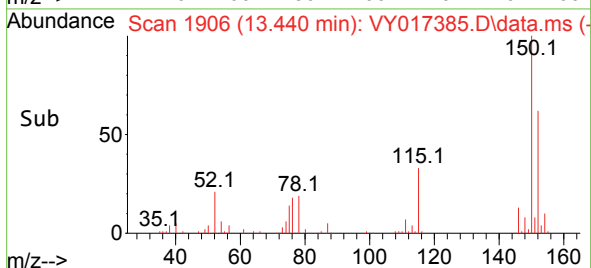
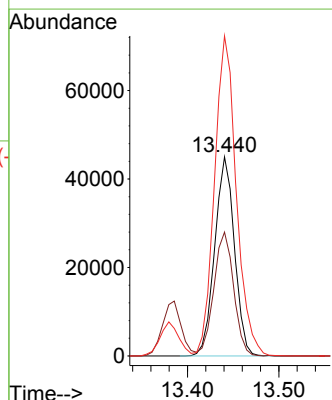
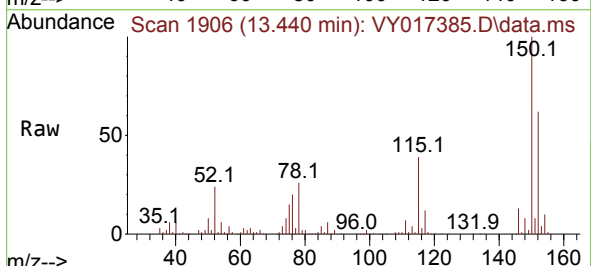
Tgt Ion:152 Resp: 67467

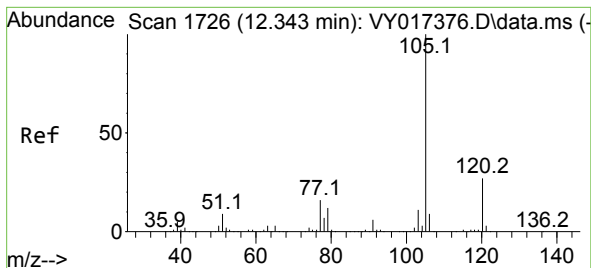
Ion Ratio Lower Upper

152 100

115 62.5 30.0 90.0

150 177.7 0.0 344.6





#73

Isopropylbenzene

Concen: 46.720 ug/l

RT: 12.343 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017385.D

Acq: 15 Feb 2024 12:02

Instrument :

MSVOA_Y

ClientSampleId :

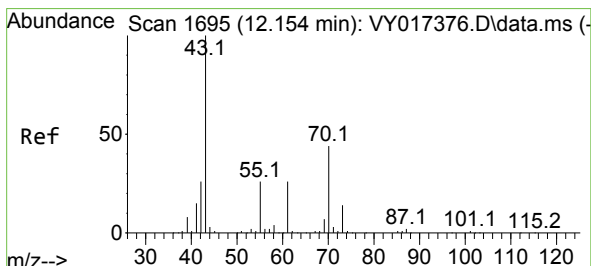
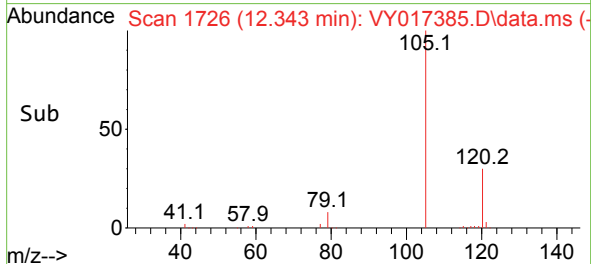
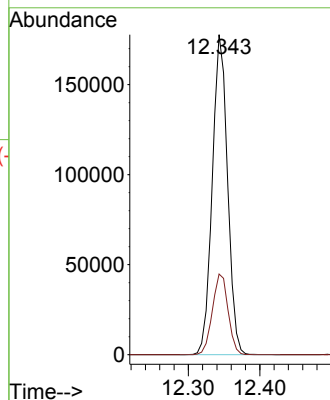
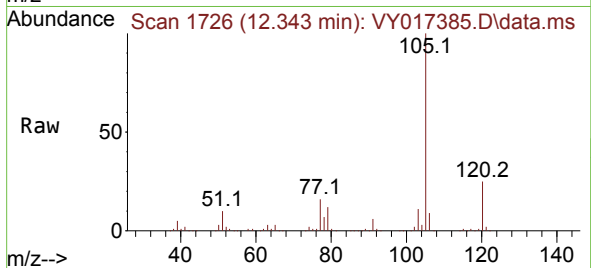
ICVY021524

Tgt Ion:105 Resp: 262682

Ion Ratio Lower Upper

105 100

120 25.9 13.0 39.0



#74

N-ethyl acetate

Concen: 53.060 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.000 min

Lab File: VY017385.D

Acq: 15 Feb 2024 12:02

Tgt Ion: 43 Resp: 58983

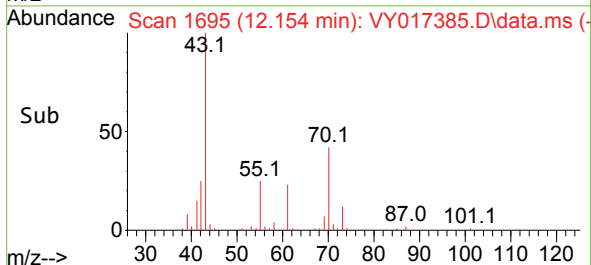
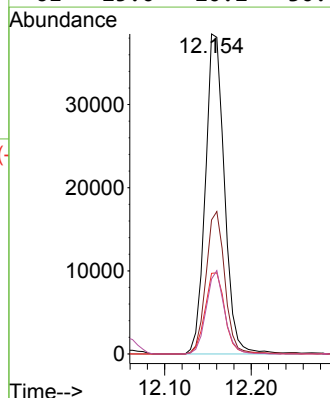
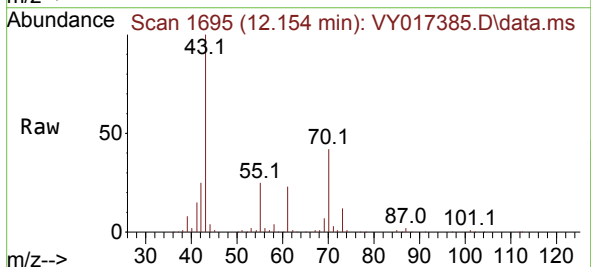
Ion Ratio Lower Upper

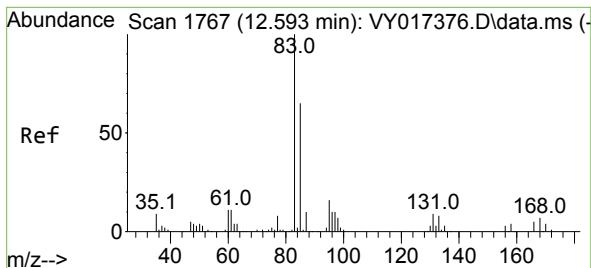
43 100

70 43.9 36.6 55.0

55 26.4 22.2 33.4

61 25.0 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 50.032 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. 0.000 min

Lab File: VY017385.D

Acq: 15 Feb 2024 12:02

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY021524

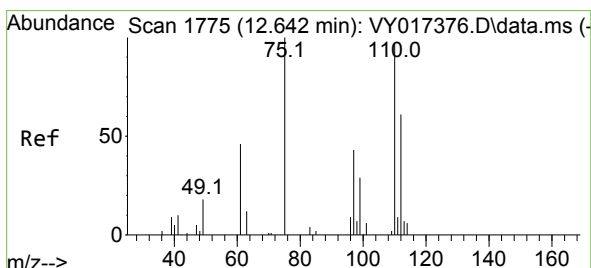
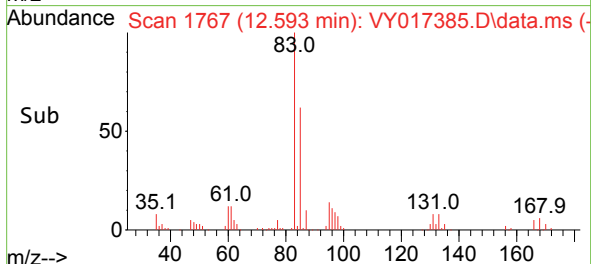
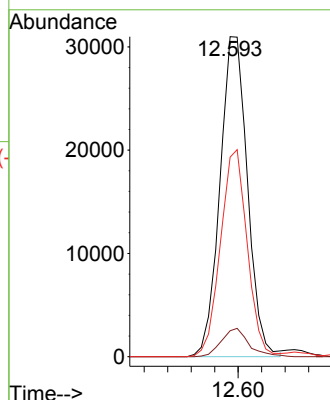
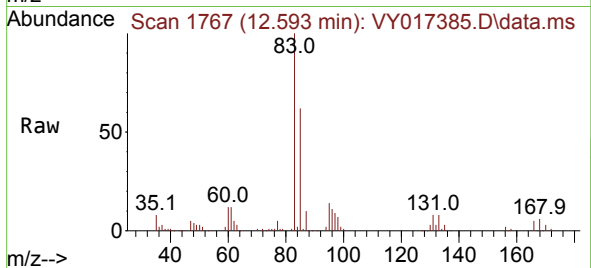
Tgt Ion: 83 Resp: 50413

Ion Ratio Lower Upper

83 100

131 8.8 4.9 14.6

85 63.0 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 91.762 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VY017385.D

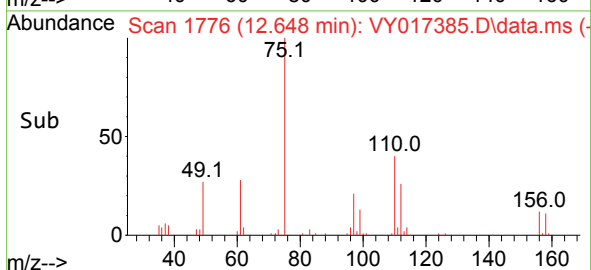
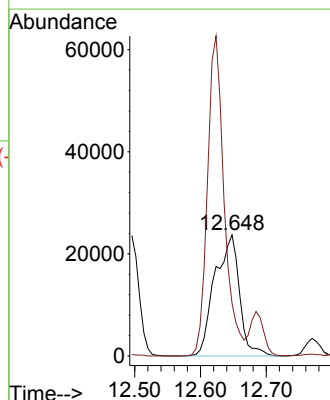
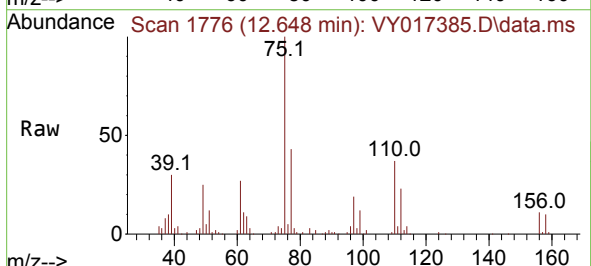
Acq: 15 Feb 2024 12:02

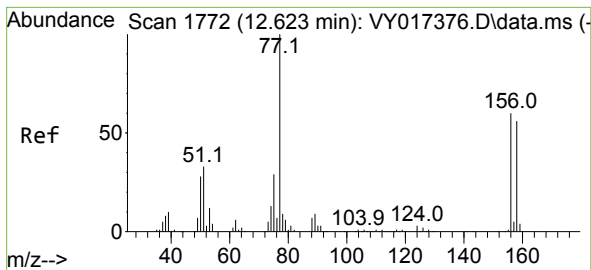
Tgt Ion: 75 Resp: 61871

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 45.565 ug/l

RT: 12.624 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VY017385.D

Acq: 15 Feb 2024 12:02

Instrument :

MSVOA_Y

ClientSampleId :

ICVY021524

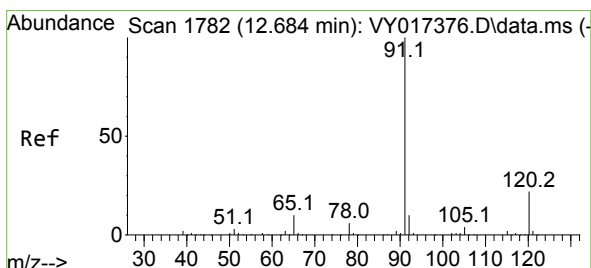
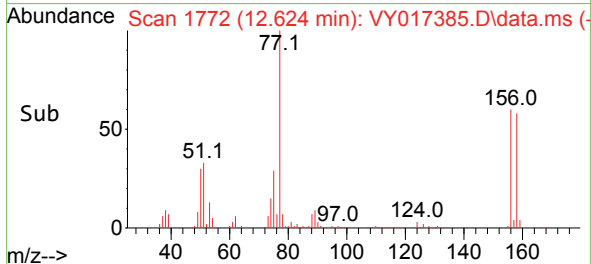
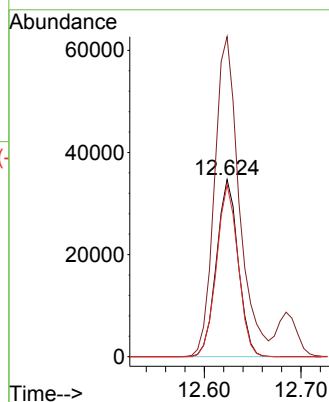
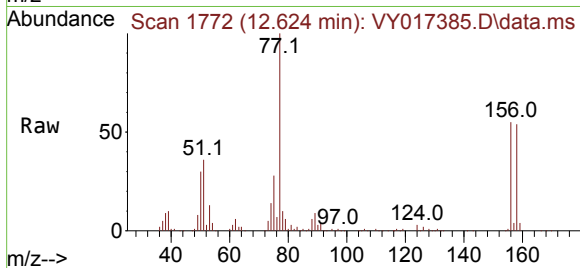
Tgt Ion:156 Resp: 53951

Ion Ratio Lower Upper

156 100

77 206.3 97.3 291.8

158 96.3 48.4 145.0



#78

n-propylbenzene

Concen: 47.527 ug/l

RT: 12.685 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VY017385.D

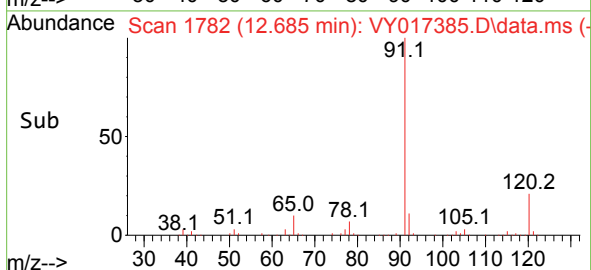
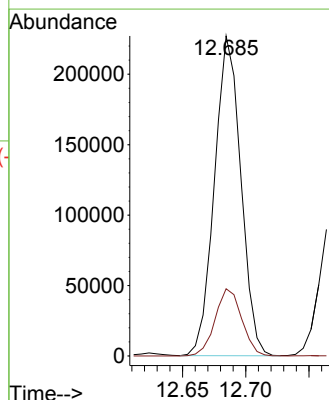
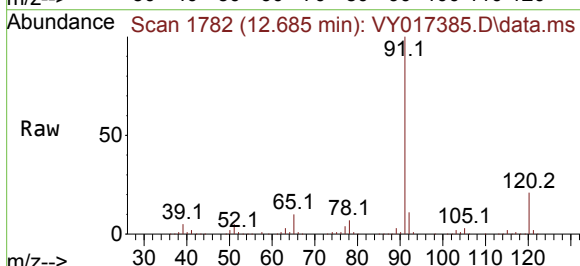
Acq: 15 Feb 2024 12:02

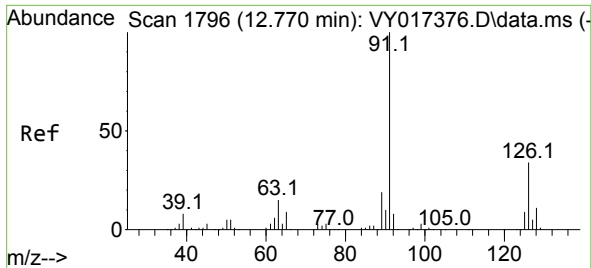
Tgt Ion: 91 Resp: 328971

Ion Ratio Lower Upper

91 100

120 21.2 11.0 33.0

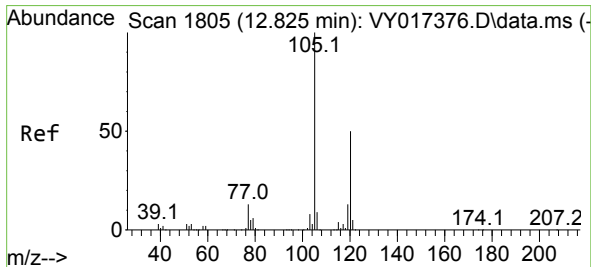
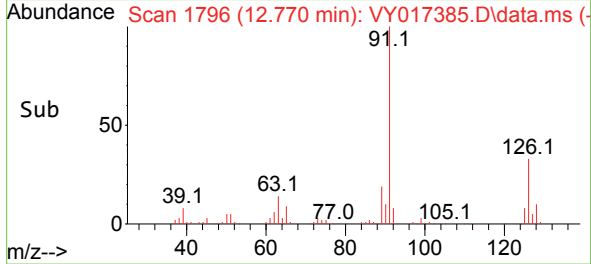
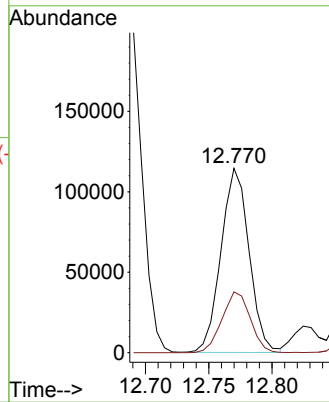
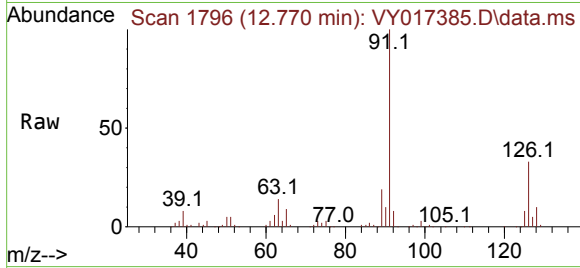




#79
2-Chlorotoluene
Concen: 46.829 ug/l
RT: 12.770 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VY017385.D
Acq: 15 Feb 2024 12:02

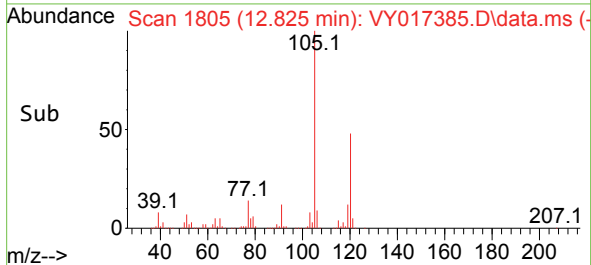
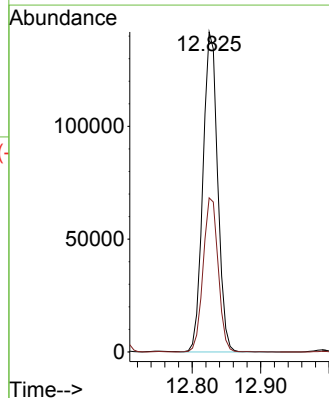
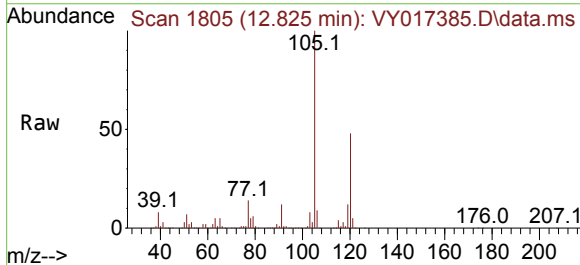
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY021524

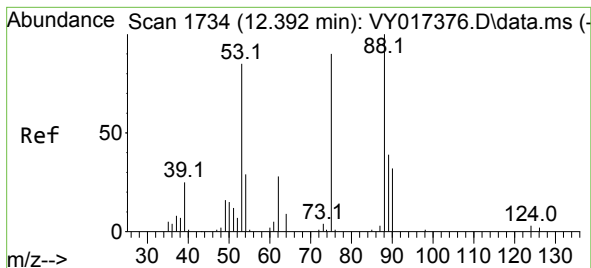
Tgt Ion: 91 Resp: 176879
Ion Ratio Lower Upper
91 100
126 33.3 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 48.159 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VY017385.D
Acq: 15 Feb 2024 12:02

Tgt Ion: 105 Resp: 212795
Ion Ratio Lower Upper
105 100
120 49.1 24.3 72.8

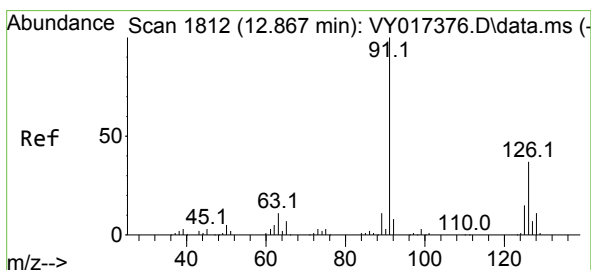
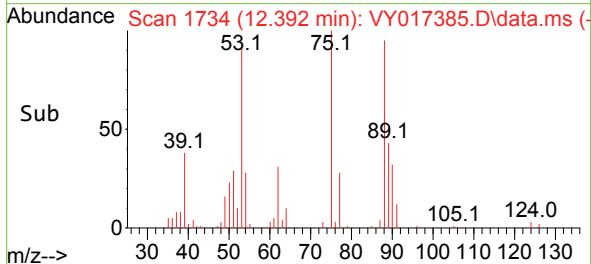
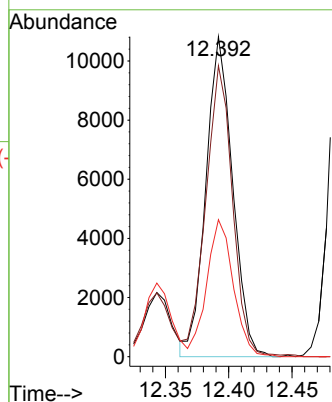
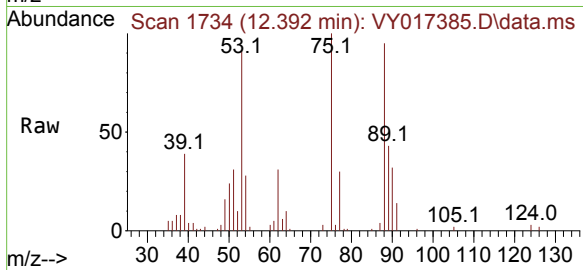




#81
trans-1,4-Dichloro-2-butene
Concen: 52.231 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VY017385.D
Acq: 15 Feb 2024 12:02

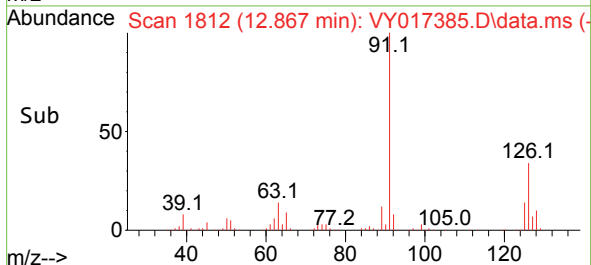
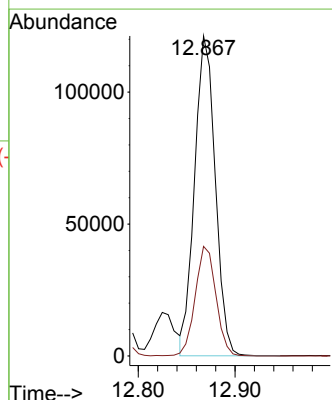
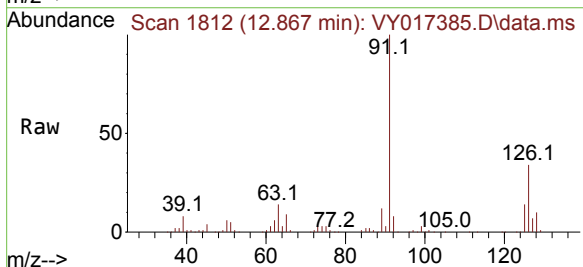
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY021524

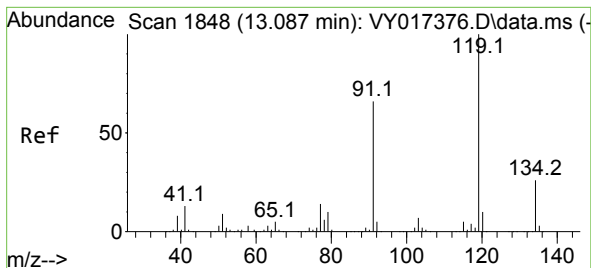
Tgt Ion: 75 Resp: 15905
Ion Ratio Lower Upper
75 100
53 91.2 74.0 111.0
89 42.6 36.5 54.7



#82
4-Chlorotoluene
Concen: 46.357 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.000 min
Lab File: VY017385.D
Acq: 15 Feb 2024 12:02

Tgt Ion: 91 Resp: 180255
Ion Ratio Lower Upper
91 100
126 34.4 17.1 51.2





#83

tert-Butylbenzene

Concen: 46.115 ug/l

RT: 13.087 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY017385.D

Acq: 15 Feb 2024 12:02

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY021524

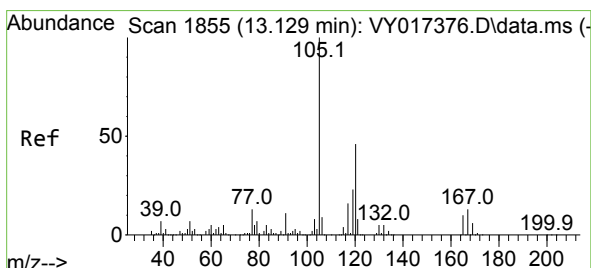
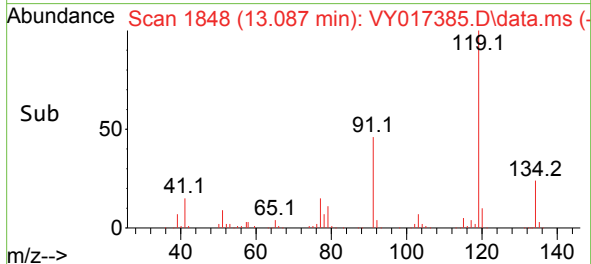
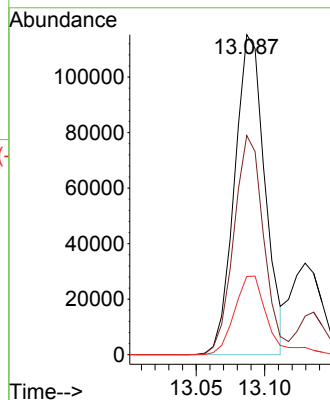
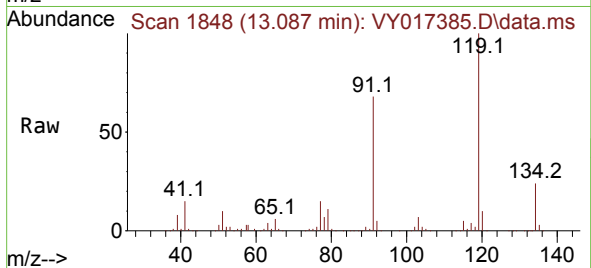
Tgt Ion:119 Resp: 177953

Ion Ratio Lower Upper

119 100

91 67.8 31.5 94.5

134 27.0 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 48.144 ug/l

RT: 13.136 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VY017385.D

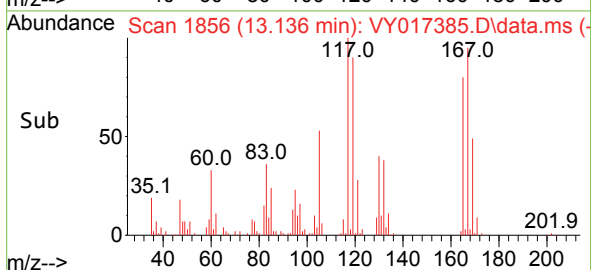
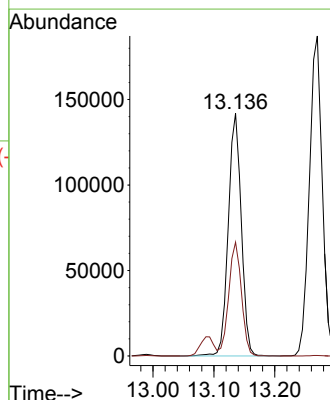
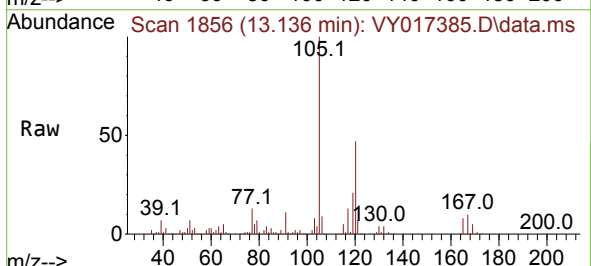
Acq: 15 Feb 2024 12:02

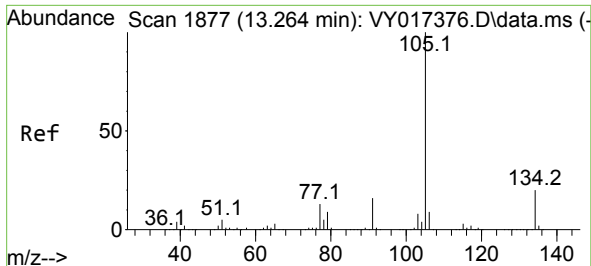
Tgt Ion:105 Resp: 210001

Ion Ratio Lower Upper

105 100

120 46.0 22.1 66.3

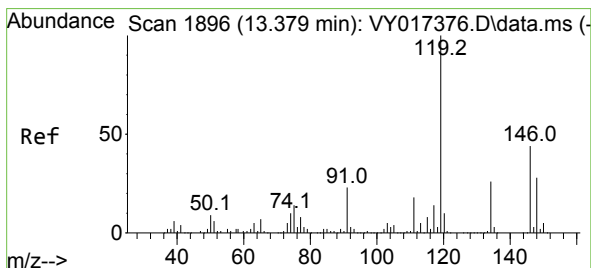
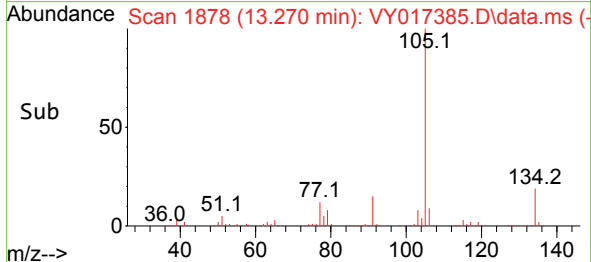
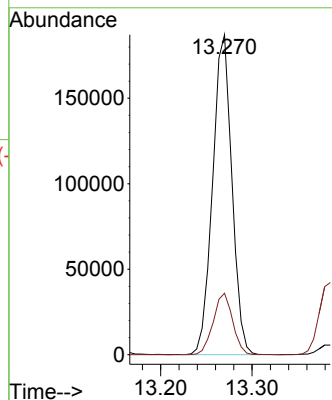
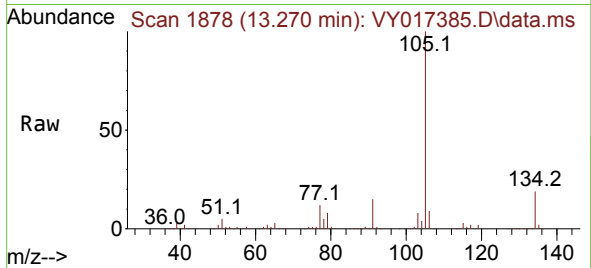




#85
 sec-Butylbenzene
 Concen: 46.498 ug/l
 RT: 13.270 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY017385.D
 Acq: 15 Feb 2024 12:02

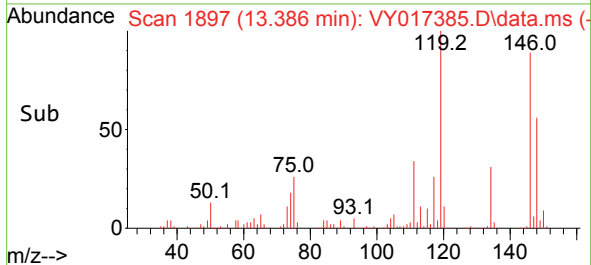
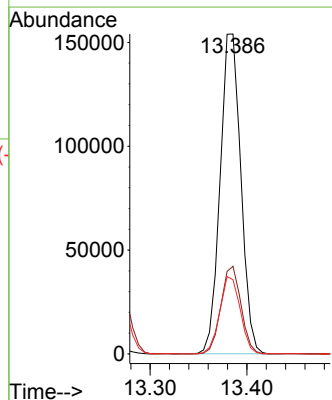
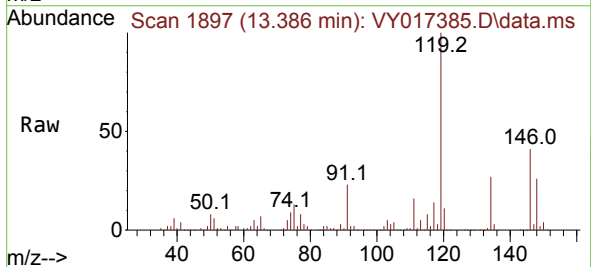
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY021524

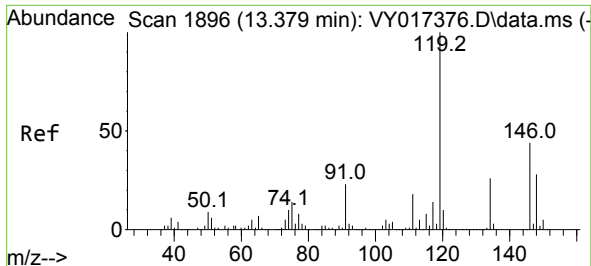
Tgt Ion:105 Resp: 273788
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 48.073 ug/l
 RT: 13.386 min Scan# 1897
 Delta R.T. 0.006 min
 Lab File: VY017385.D
 Acq: 15 Feb 2024 12:02

Tgt Ion:119 Resp: 229055
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.1 39.1
 91 23.8 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 45.546 ug/l

RT: 13.380 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY017385.D

Acq: 15 Feb 2024 12:02

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY021524

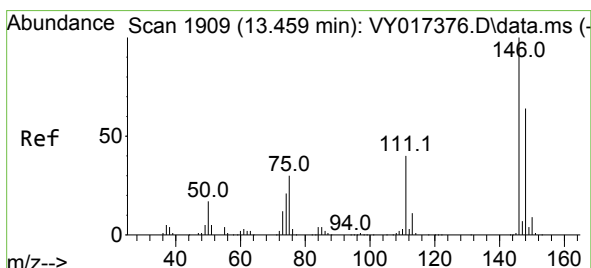
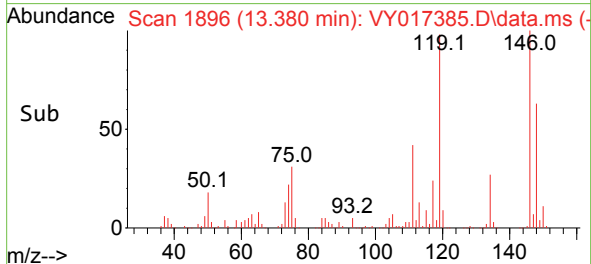
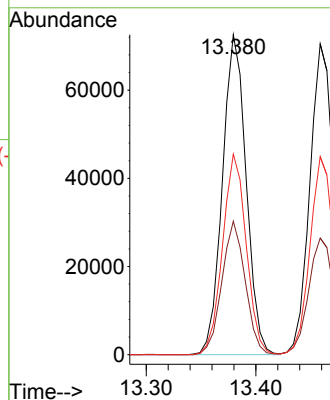
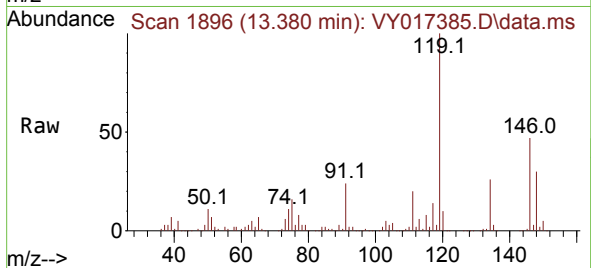
Tgt Ion:146 Resp: 109145

Ion Ratio Lower Upper

146 100

111 41.2 20.2 60.5

148 62.6 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 46.058 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.000 min

Lab File: VY017385.D

Acq: 15 Feb 2024 12:02

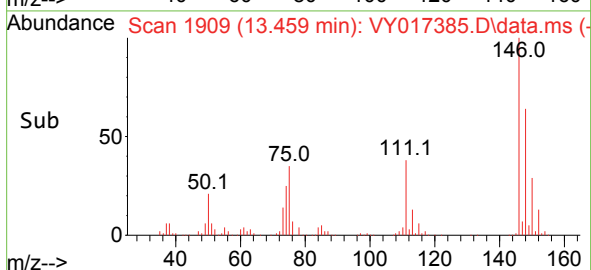
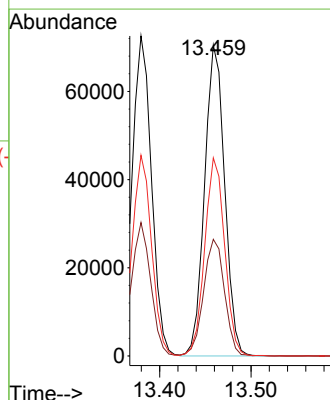
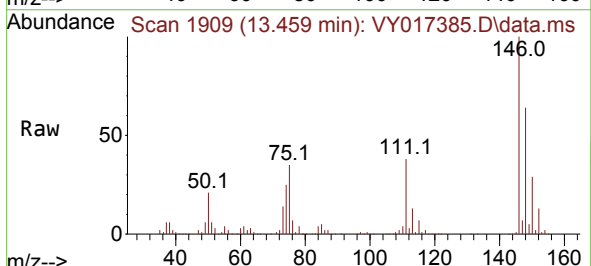
Tgt Ion:146 Resp: 107365

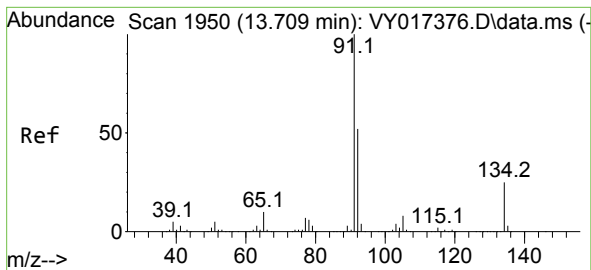
Ion Ratio Lower Upper

146 100

111 39.2 19.3 57.9

148 63.4 31.6 94.7





#89

n-Butylbenzene

Concen: 49.362 ug/l

RT: 13.709 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VY017385.D

Acq: 15 Feb 2024 12:02

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY021524

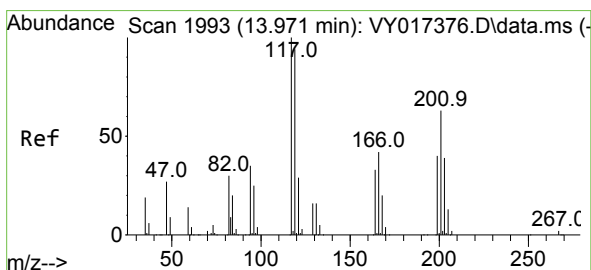
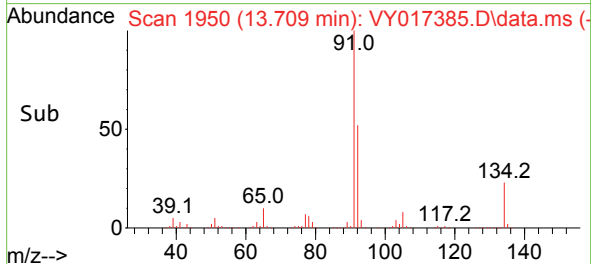
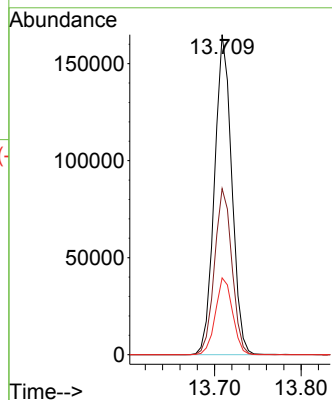
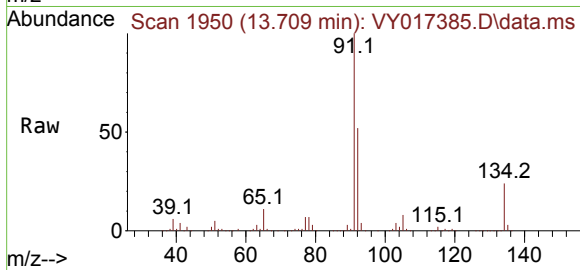
Tgt Ion: 91 Resp: 228460

Ion Ratio Lower Upper

91 100

92 52.3 26.4 79.2

134 23.9 12.3 36.8



#90

Hexachloroethane

Concen: 45.901 ug/l

RT: 13.977 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY017385.D

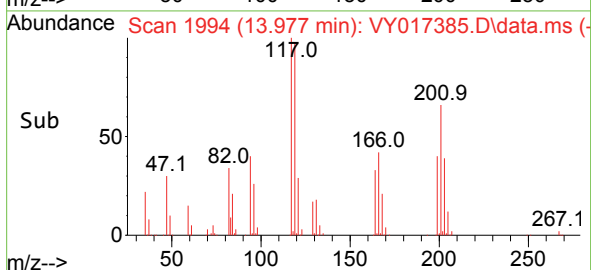
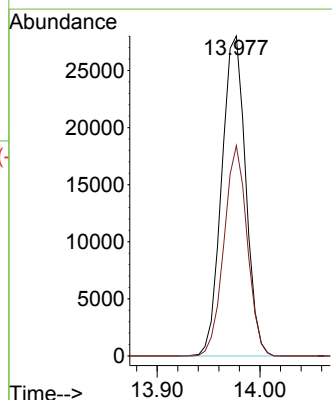
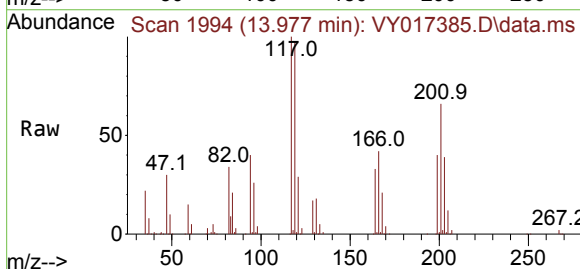
Acq: 15 Feb 2024 12:02

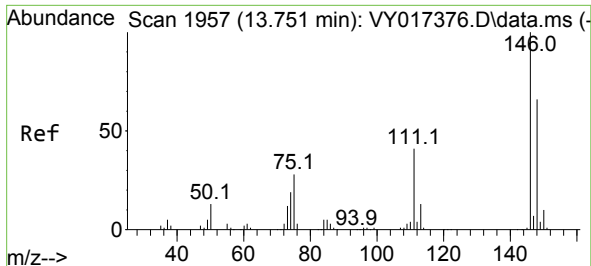
Tgt Ion: 117 Resp: 45333

Ion Ratio Lower Upper

117 100

201 63.8 33.4 100.1

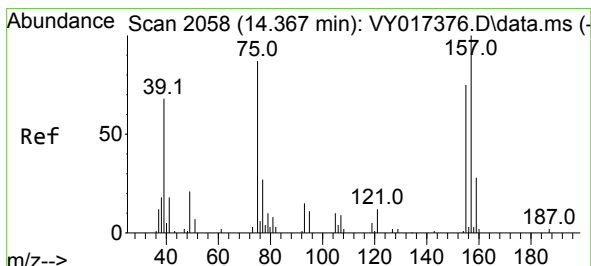
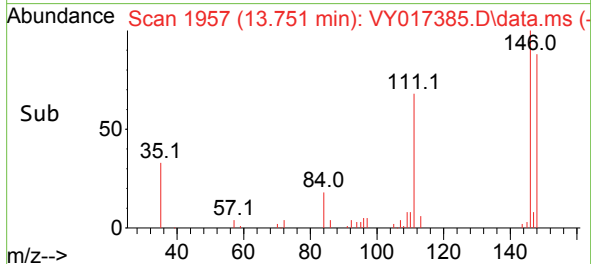
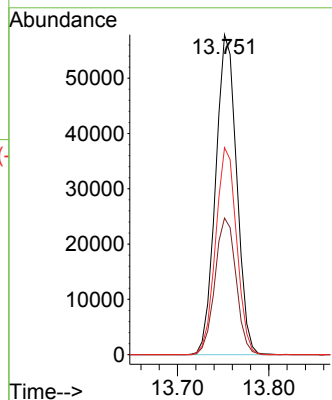
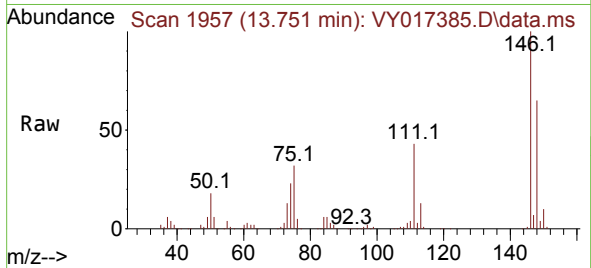




#91
1,2-Dichlorobenzene
Concen: 46.920 ug/l
RT: 13.751 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VY017385.D
Acq: 15 Feb 2024 12:02

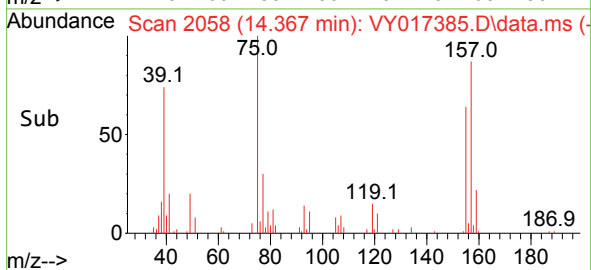
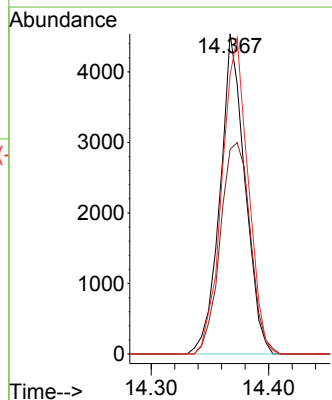
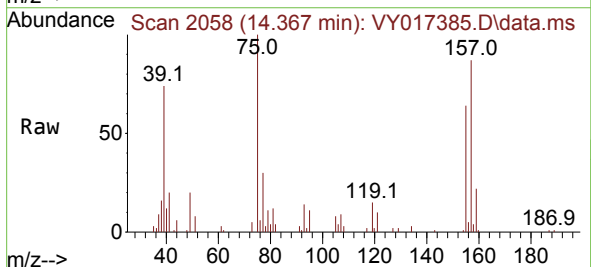
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY021524

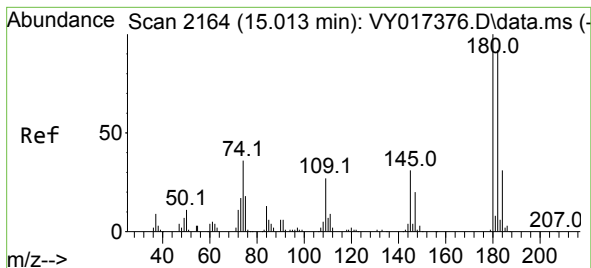
Tgt Ion:146 Resp: 92661
Ion Ratio Lower Upper
146 100
111 42.8 20.5 61.6
148 64.5 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.351 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VY017385.D
Acq: 15 Feb 2024 12:02

Tgt Ion: 75 Resp: 6676
Ion Ratio Lower Upper
75 100
155 79.7 42.1 126.3
157 104.0 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 50.318 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY017385.D

Acq: 15 Feb 2024 12:02

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY021524

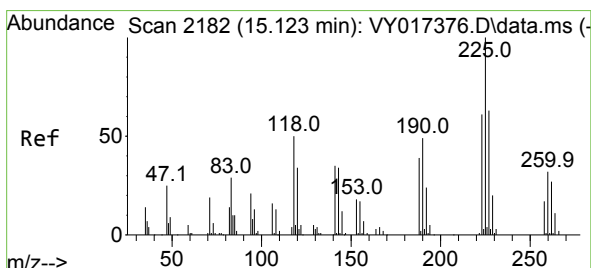
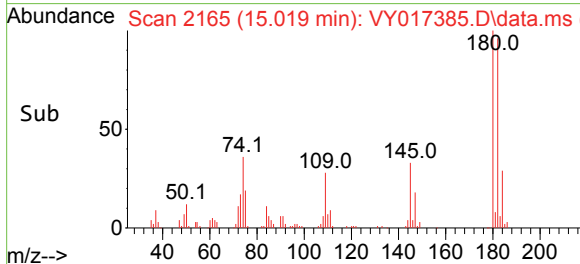
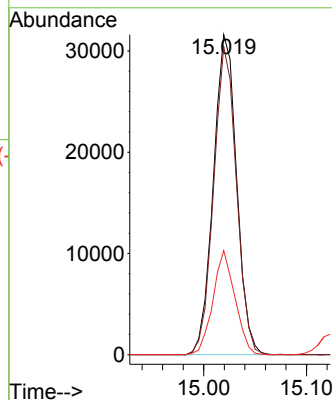
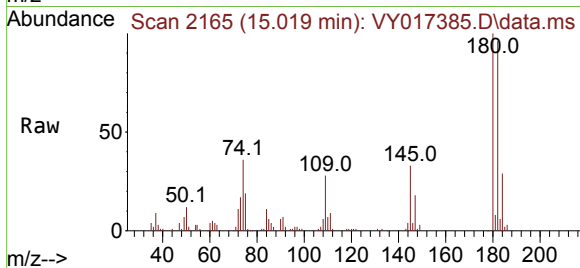
Tgt Ion:180 Resp: 49579

Ion Ratio Lower Upper

180 100

182 94.2 47.9 143.7

145 30.8 15.9 47.7



#94

Hexachlorobutadiene

Concen: 44.402 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY017385.D

Acq: 15 Feb 2024 12:02

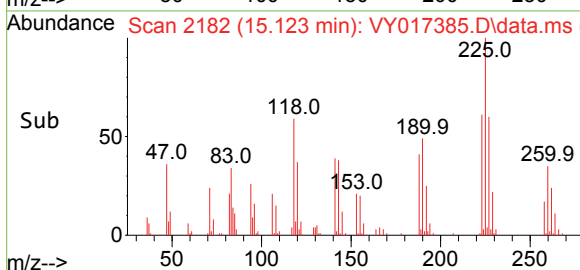
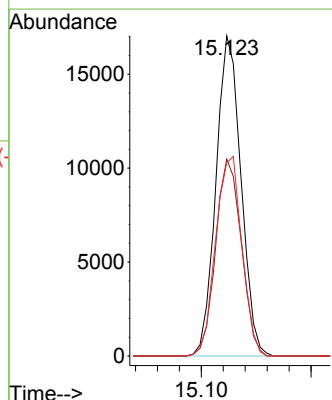
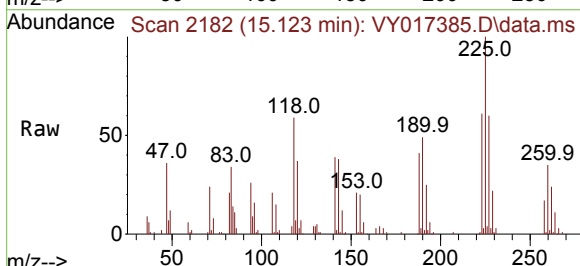
Tgt Ion:225 Resp: 27003

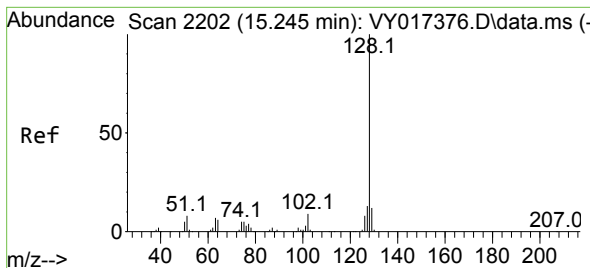
Ion Ratio Lower Upper

225 100

223 63.1 31.4 94.3

227 65.4 32.3 96.8





#95

Naphthalene

Concen: 54.669 ug/l

RT: 15.251 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY017385.D

Acq: 15 Feb 2024 12:02

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY021524

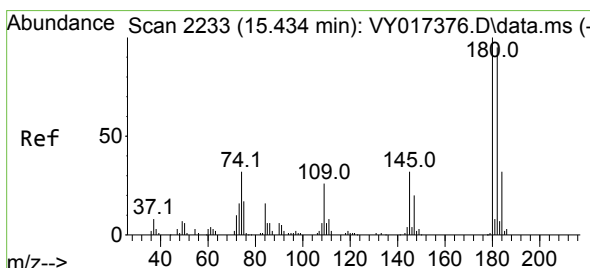
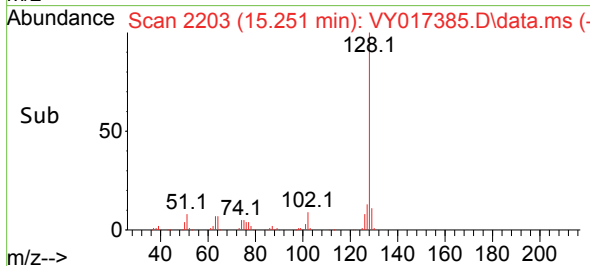
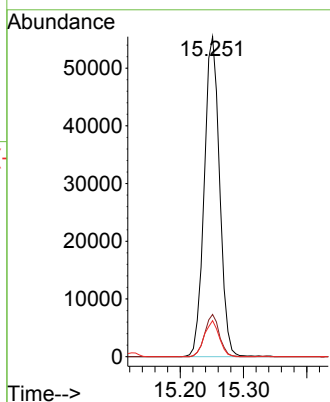
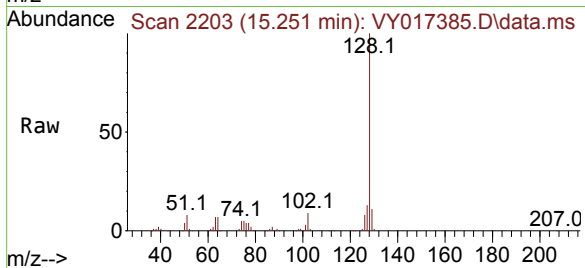
Tgt Ion:128 Resp: 93738

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 50.683 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY017385.D

Acq: 15 Feb 2024 12:02

Tgt Ion:180 Resp: 41897

Ion Ratio Lower Upper

180 100

182 92.9 46.3 138.8

145 31.9 16.1 48.2

