

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111023\
 Data File : VY016314.D
 Acq On : 10 Nov 2023 19:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 10 22:24:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	147870	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	247585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	219252	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	101679	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	74204	54.906	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.820%	
35) Dibromofluoromethane	7.734	113	74808	53.190	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.380%	
50) Toluene-d8	10.191	98	297658	52.190	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.380%	
62) 4-Bromofluorobenzene	12.495	95	97710	52.748	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.500%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	68578	47.364	ug/l	96
3) Chloromethane	2.119	50	84893	50.063	ug/l	97
4) Vinyl Chloride	2.253	62	89179	48.908	ug/l	99
5) Bromomethane	2.655	94	60492	50.481	ug/l	97
6) Chloroethane	2.802	64	59912	51.493	ug/l	96
7) Trichlorofluoromethane	3.131	101	136085	51.298	ug/l	99
8) Diethyl Ether	3.539	74	43990	55.483	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.911	101	79028	49.460	ug/l	95
10) Methyl Iodide	4.106	142	90092	52.207	ug/l	98
11) Tert butyl alcohol	4.972	59	26851	253.716	ug/l #	81
12) 1,1-Dichloroethene	3.881	96	76800	51.396	ug/l	88
13) Acrolein	3.741	56	26714	209.274	ug/l	98
14) Allyl chloride	4.497	41	111984	52.811	ug/l #	92
15) Acrylonitrile	5.173	53	88767	282.116	ug/l	97
16) Acetone	3.960	43	59744	267.250	ug/l	92
17) Carbon Disulfide	4.210	76	230021	51.019	ug/l	99
18) Methyl Acetate	4.490	43	73201	61.623	ug/l	92
19) Methyl tert-butyl Ether	5.234	73	198808	54.970	ug/l	98
20) Methylene Chloride	4.734	84	92722	59.365	ug/l	88
21) trans-1,2-Dichloroethene	5.234	96	90282	52.475	ug/l	96
22) Diisopropyl ether	6.130	45	250134	54.735	ug/l	90
23) Vinyl Acetate	6.076	43	587673	265.396	ug/l #	94
24) 1,1-Dichloroethane	6.033	63	152826	54.208	ug/l	97
25) 2-Butanone	6.996	43	106648	272.367	ug/l	91
26) 2,2-Dichloropropane	6.996	77	129681	50.540	ug/l	96
27) cis-1,2-Dichloroethene	7.002	96	101399	54.688	ug/l	90
28) Bromochloromethane	7.350	49	58179	55.759	ug/l	88
29) Tetrahydrofuran	7.362	42	72665	280.767	ug/l	90
30) Chloroform	7.520	83	160346	54.641	ug/l	97
31) Cyclohexane	7.801	56	126890	47.688	ug/l	91
32) 1,1,1-Trichloroethane	7.716	97	143660	53.406	ug/l	98
36) 1,1-Dichloropropene	7.935	75	122215	50.044	ug/l	100
37) Ethyl Acetate	7.088	43	50374	51.051	ug/l #	94
38) Carbon Tetrachloride	7.917	117	128250	50.600	ug/l	99
39) Methylcyclohexane	9.197	83	142069	46.686	ug/l	93
40) Benzene	8.173	78	356230	51.918	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	29176	58.641	ug/l	94
42) 1,2-Dichloroethane	8.252	62	96371	54.208	ug/l	94
43) Isopropyl Acetate	8.283	43	99412	52.120	ug/l #	90
44) Trichloroethene	8.953	130	101511	51.478	ug/l	97
45) 1,2-Dichloropropane	9.227	63	87876	53.329	ug/l	100
46) Dibromomethane	9.319	93	47816	53.548	ug/l	97
47) Bromodichloromethane	9.508	83	123386	53.747	ug/l	97
48) Methyl methacrylate	9.307	41	56721	53.808	ug/l	85
49) 1,4-Dioxane	9.307	88	10487	1106.226	ug/l #	50
51) 4-Methyl-2-Pentanone	10.081	43	255676	265.083	ug/l	89
52) Toluene	10.258	92	227348	52.418	ug/l	94
53) t-1,3-Dichloropropene	10.477	75	120754	54.260	ug/l	98
54) cis-1,3-Dichloropropene	9.941	75	142223	53.506	ug/l #	88
55) 1,1,2-Trichloroethane	10.660	97	66727	54.216	ug/l	94
56) Ethyl methacrylate	10.520	69	63655	54.790	ug/l #	83
57) 1,3-Dichloropropane	10.800	76	113516	54.109	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.794	63	215209	273.184	ug/l	93
59) 2-Hexanone	10.843	43	174996	243.922	ug/l	87
60) Dibromochloromethane	10.995	129	85606	55.615	ug/l	99
61) 1,2-Dibromoethane	11.105	107	64335	54.868	ug/l	100
64) Tetrachloroethene	10.733	164	102515	52.073	ug/l	97
65) Chlorobenzene	11.532	112	240740	51.392	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.605	131	91073	52.712	ug/l	97
67) Ethyl Benzene	11.605	91	430109	51.090	ug/l	99
68) m/p-Xylenes	11.715	106	325925	102.072	ug/l	95
69) o-Xylene	12.044	106	154531	52.124	ug/l	97
70) Styrene	12.056	104	227272	53.538	ug/l	98
71) Bromoform	12.221	173	48280	53.853	ug/l #	100
73) Isopropylbenzene	12.343	105	407999	49.552	ug/l	100
74) N-amyl acetate	12.154	43	82530	49.901	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.593	83	67894	51.387	ug/l	100
76) 1,2,3-Trichloropropane	12.641	75	90876	93.168	ug/l #	100
77) Bromobenzene	12.623	156	95400	51.265	ug/l	95
78) n-propylbenzene	12.684	91	475850	48.903	ug/l	100
79) 2-Chlorotoluene	12.770	91	269364	50.231	ug/l	99
80) 1,3,5-Trimethylbenzene	12.824	105	330577	49.797	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.392	75	23389	52.048	ug/l	91
82) 4-Chlorotoluene	12.867	91	280049	50.540	ug/l	99
83) tert-Butylbenzene	13.087	119	284734	48.696	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	329419	50.396	ug/l	98
85) sec-Butylbenzene	13.263	105	402642	48.200	ug/l	100
86) p-Isopropyltoluene	13.379	119	350259	48.694	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	179895	50.247	ug/l	99
88) 1,4-Dichlorobenzene	13.458	146	176132	50.339	ug/l	100
89) n-Butylbenzene	13.708	91	315899	47.555	ug/l	97
90) Hexachloroethane	13.970	117	67933	48.959	ug/l	92
91) 1,2-Dichlorobenzene	13.751	146	156317	50.953	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	10110	48.095	ug/l	84
93) 1,2,4-Trichlorobenzene	15.019	180	87489	48.857	ug/l	98
94) Hexachlorobutadiene	15.123	225	46723	45.542	ug/l	98
95) Naphthalene	15.245	128	165969	51.821	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	72973	49.268	ug/l	98

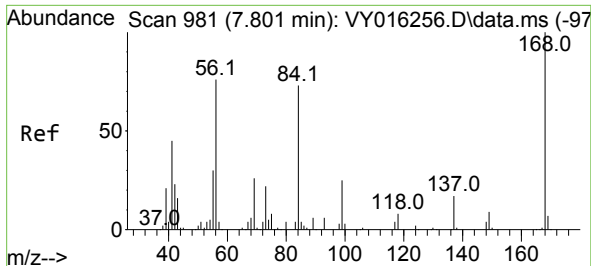
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111023\
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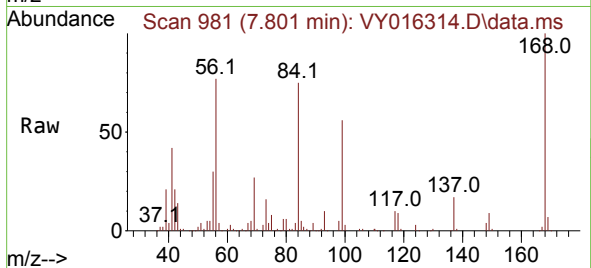
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

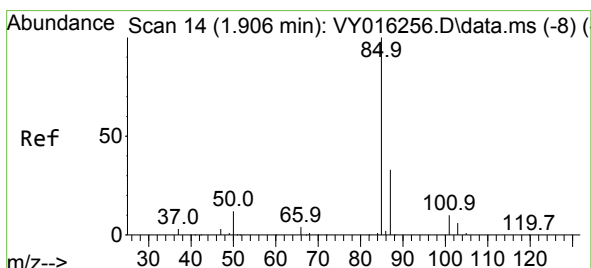
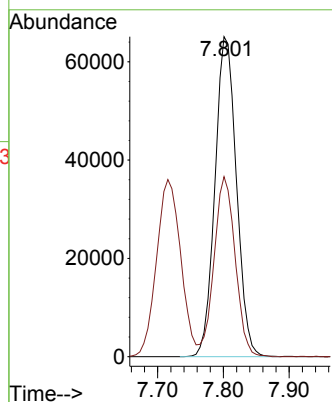
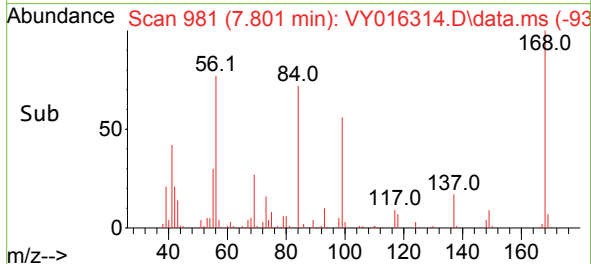


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016314.D
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VSTDCCC050EC

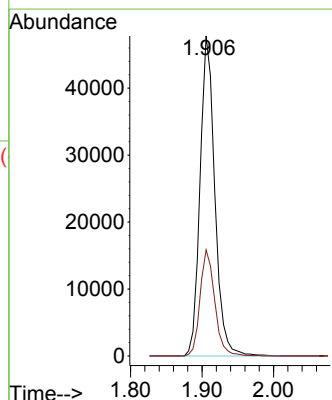
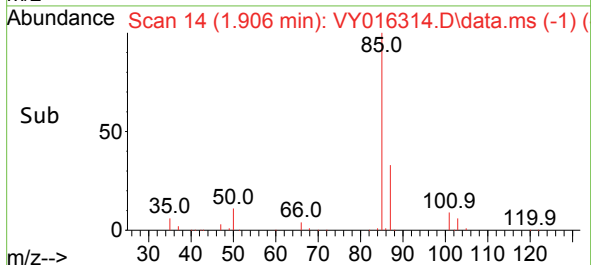
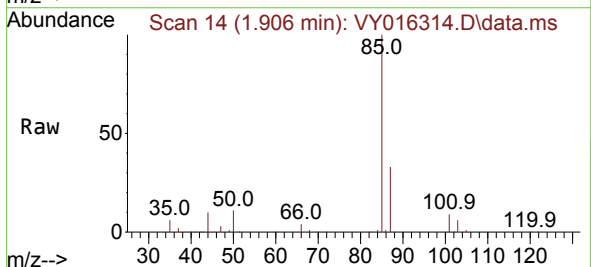


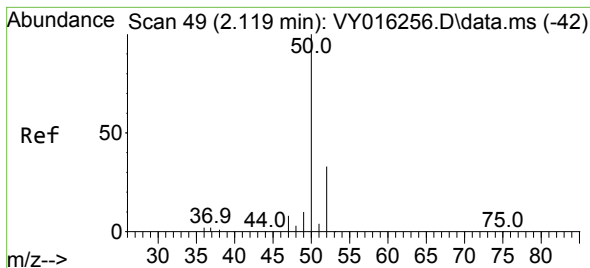
Tgt Ion:168 Resp: 147870
Ion Ratio Lower Upper
168 100
99 56.3 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 47.364 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016314.D
Acq: 10 Nov 2023 19:09

Tgt Ion: 85 Resp: 68578
Ion Ratio Lower Upper
85 100
87 33.2 15.6 46.8





#3

Chloromethane

Concen: 50.063 ug/l

RT: 2.119 min Scan# 49

Delta R.T. -0.000 min

Lab File: VY016314.D

Acq: 10 Nov 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

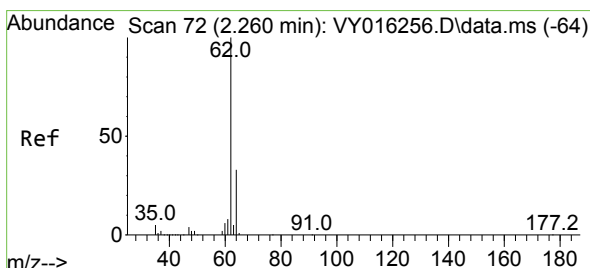
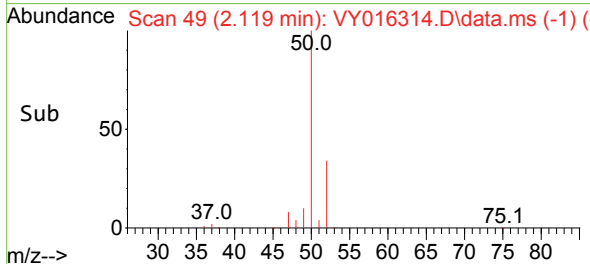
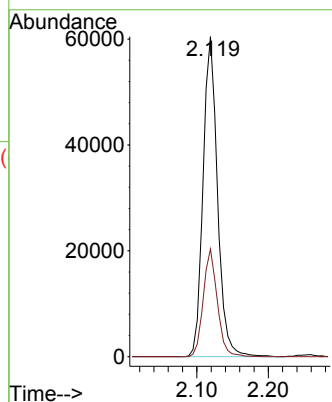
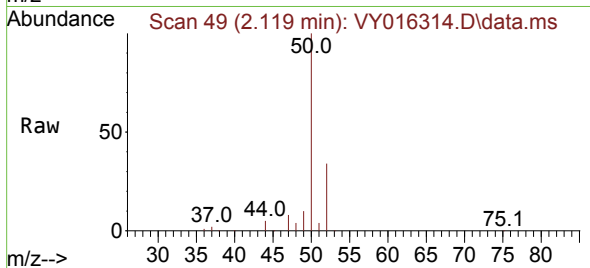
VSTDCCC050EC

Tgt Ion: 50 Resp: 84893

Ion Ratio Lower Upper

50 100

52 33.7 25.4 38.2



#4

Vinyl Chloride

Concen: 48.908 ug/l

RT: 2.253 min Scan# 71

Delta R.T. -0.006 min

Lab File: VY016314.D

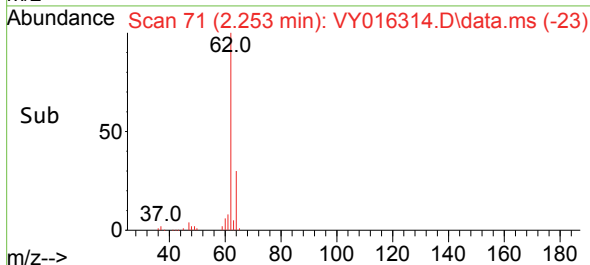
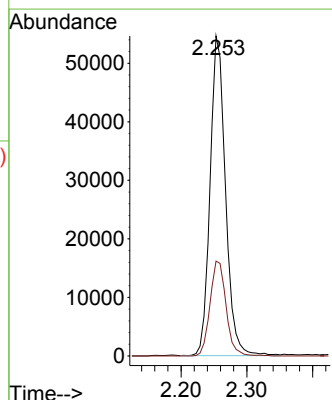
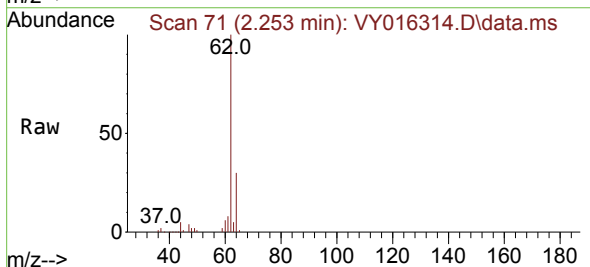
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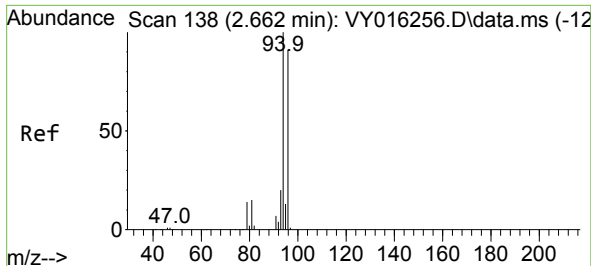
Tgt Ion: 62 Resp: 89179

Ion Ratio Lower Upper

62 100

64 29.7 24.3 36.5

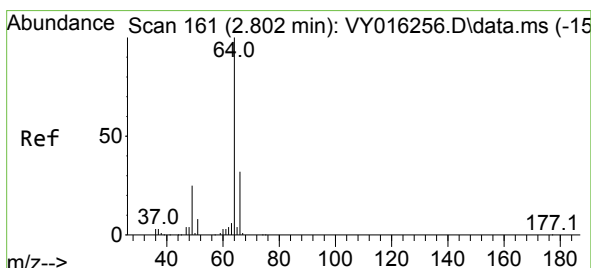
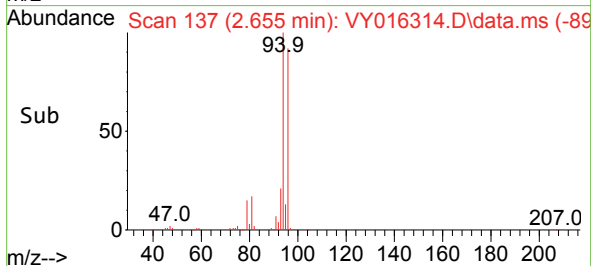
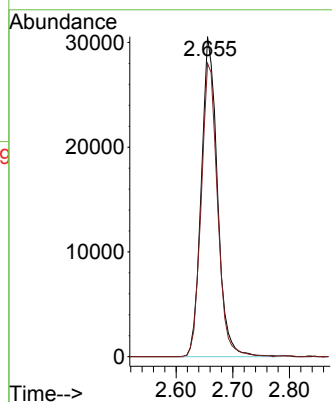
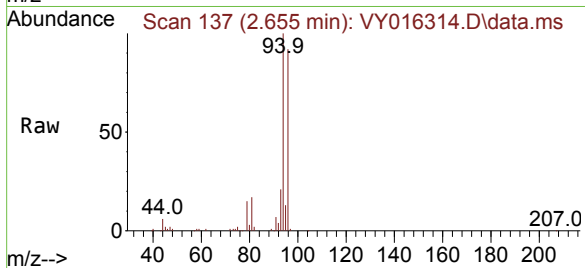




#5
Bromomethane
Concen: 50.481 ug/l
RT: 2.655 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016314.D
Acq: 10 Nov 2023 19:09

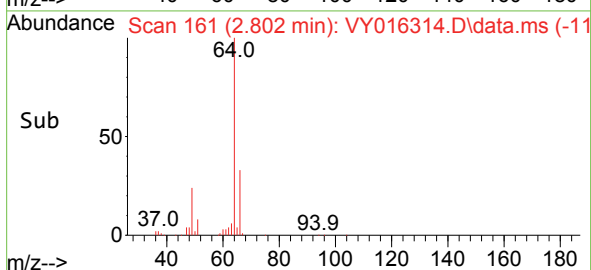
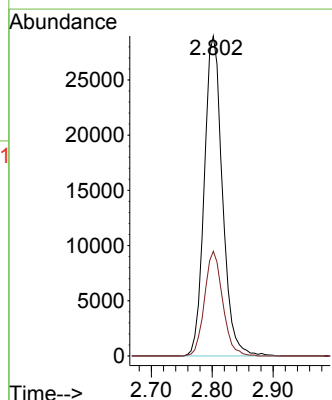
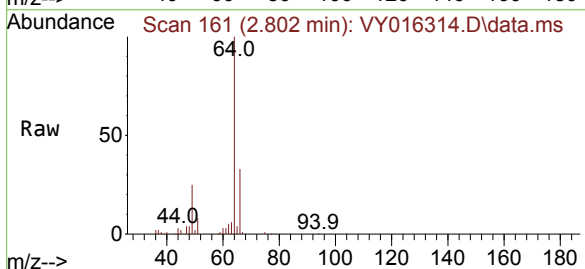
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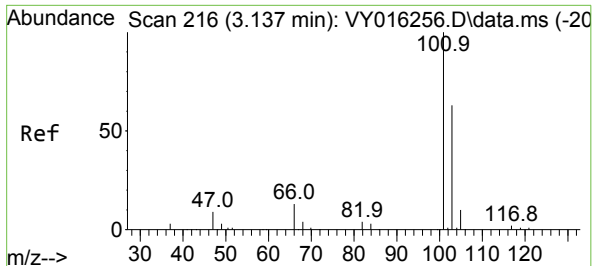
Tgt Ion: 94 Resp: 60492
Ion Ratio Lower Upper
94 100
96 91.6 75.8 113.6



#6
Chloroethane
Concen: 51.493 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.000 min
Lab File: VY016314.D
Acq: 10 Nov 2023 19:09

Tgt Ion: 64 Resp: 59912
Ion Ratio Lower Upper
64 100
66 32.7 24.4 36.6

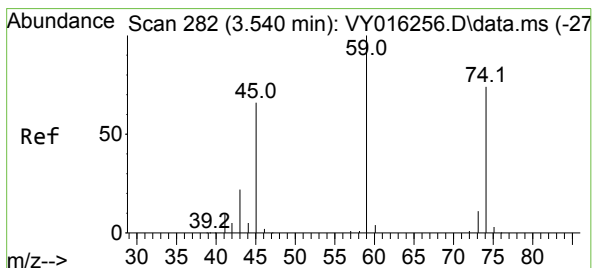
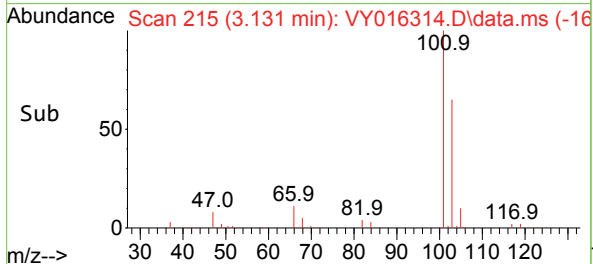
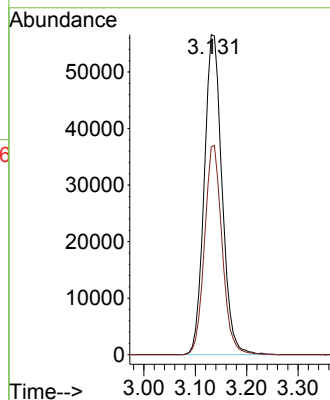
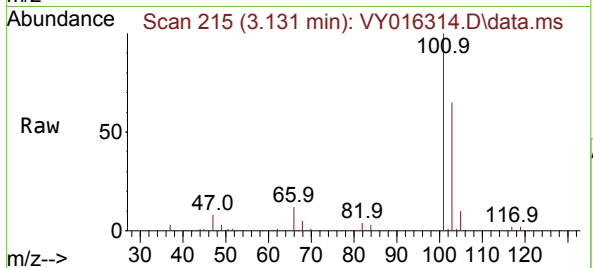




#7
Trichlorofluoromethane
Concen: 51.298 ug/l
RT: 3.131 min Scan# 216
Delta R.T. -0.006 min
Lab File: VY016314.D
Acq: 10 Nov 2023 19:09

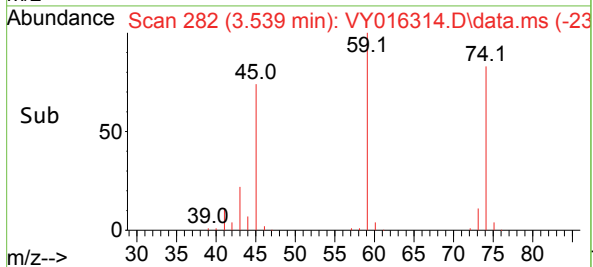
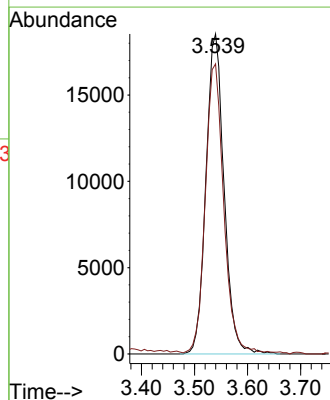
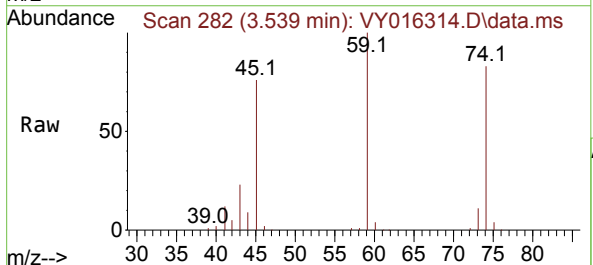
Instrument :
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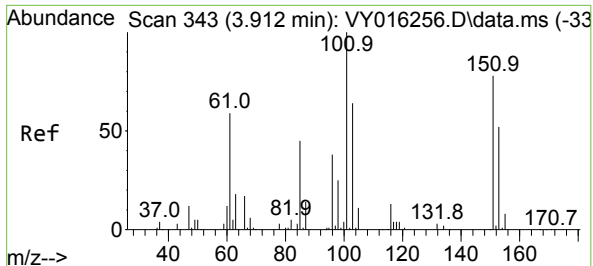
Tgt Ion:101 Resp: 136085
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.0



#8
Diethyl Ether
Concen: 55.483 ug/l
RT: 3.539 min Scan# 282
Delta R.T. -0.000 min
Lab File: VY016314.D
Acq: 10 Nov 2023 19:09

Tgt Ion: 74 Resp: 43990
Ion Ratio Lower Upper
74 100
45 93.1 51.5 154.5

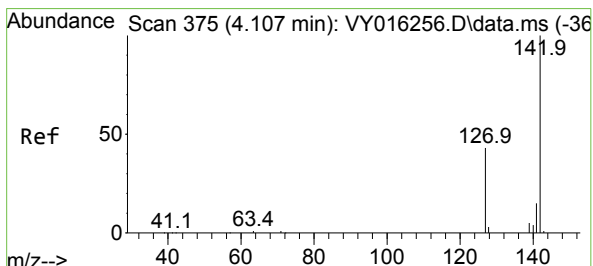
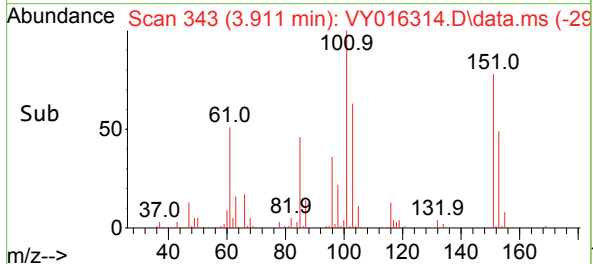
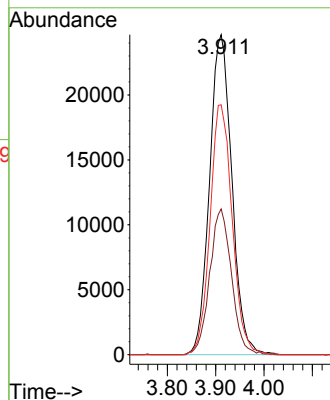
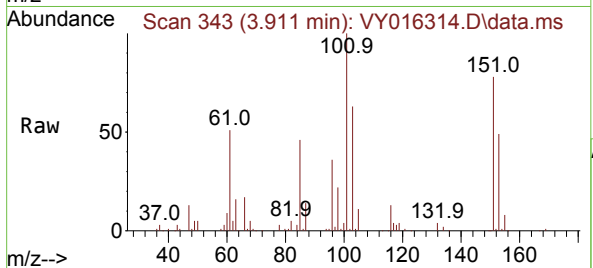




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.460 ug/l
RT: 3.911 min Scan# 343
Delta R.T. -0.000 min
Lab File: VY016314.D
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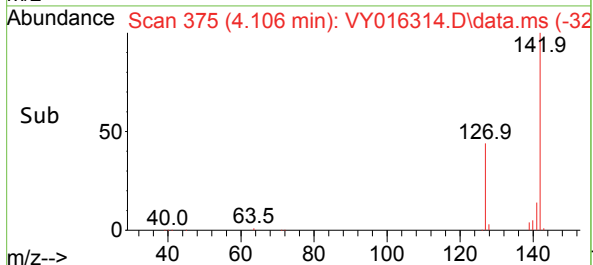
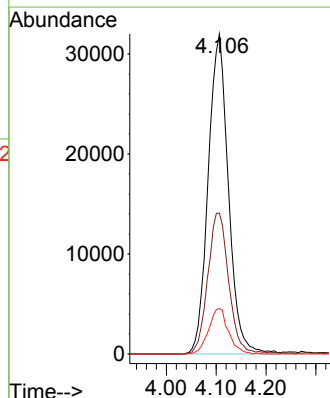
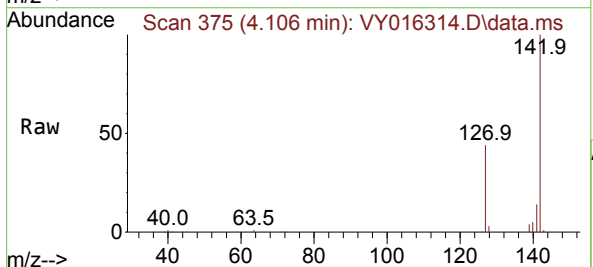
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 79028
Ion Ratio Lower Upper
101 100
85 44.5 36.6 55.0
151 77.4 67.0 100.6



#10
Methyl Iodide
Concen: 52.207 ug/l
RT: 4.106 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY016314.D
Acq: 10 Nov 2023 19:09

Tgt Ion:142 Resp: 90092
Ion Ratio Lower Upper
142 100
127 45.5 37.6 56.4
141 13.9 11.8 17.8

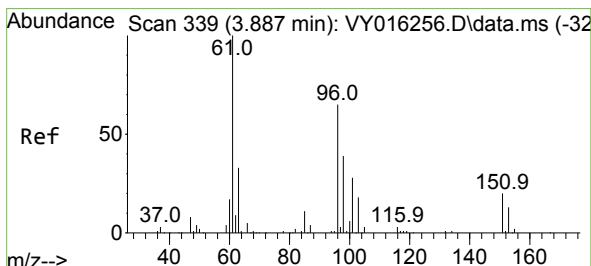
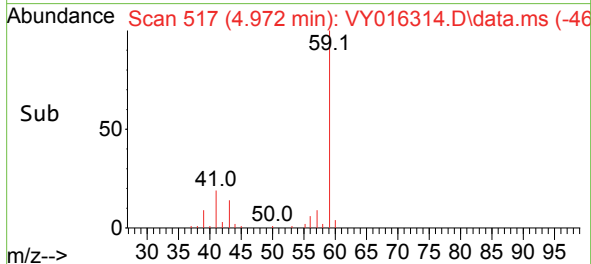
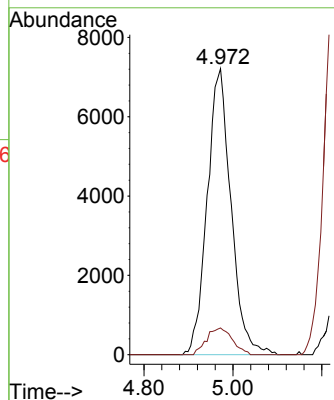
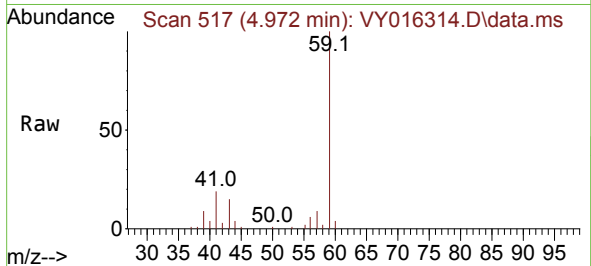




#11
Tert butyl alcohol
Concen: 253.716 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.000 min
Lab File: VY016314.D
Acq: 10 Nov 2023 19:09

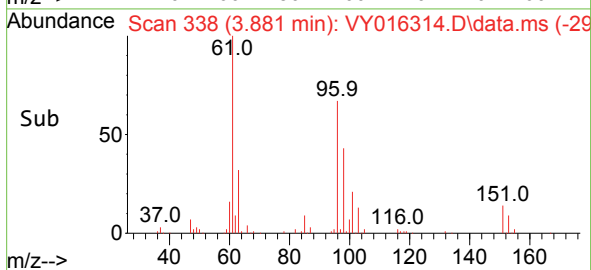
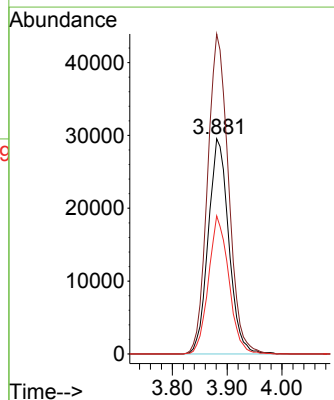
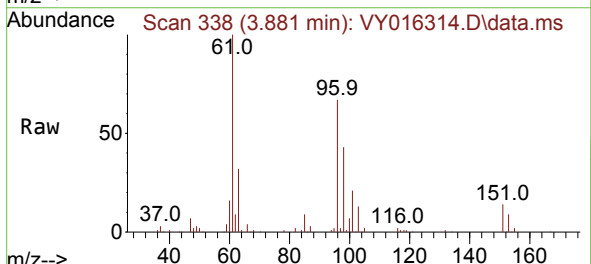
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

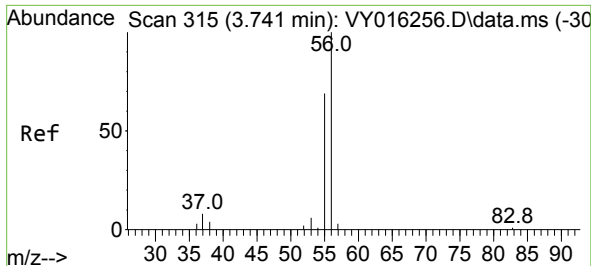
Tgt Ion: 59 Resp: 26851
Ion Ratio Lower Upper
59 100
57 10.1 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 51.396 ug/l
RT: 3.881 min Scan# 338
Delta R.T. -0.006 min
Lab File: VY016314.D
Acq: 10 Nov 2023 19:09

Tgt Ion: 96 Resp: 76800
Ion Ratio Lower Upper
96 100
61 148.6 136.4 204.6
98 64.1 49.4 74.2





#13

Acrolein

Concen: 209.274 ug/l

RT: 3.741 min Scan# 315

Delta R.T. -0.000 min

Lab File: VY016314.D

Acq: 10 Nov 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

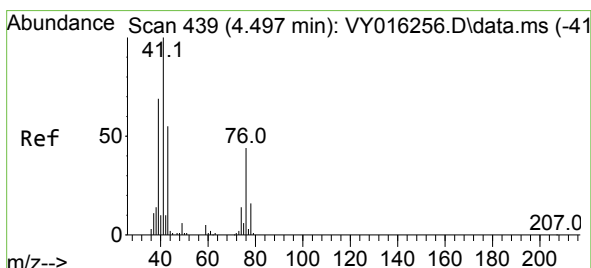
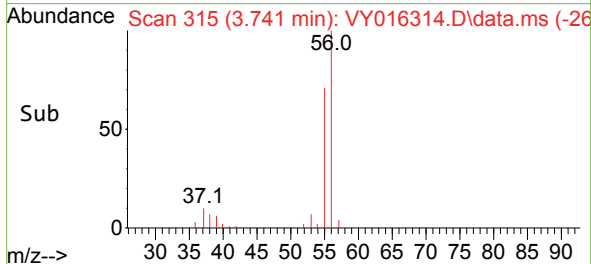
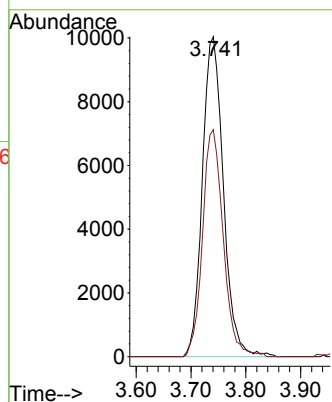
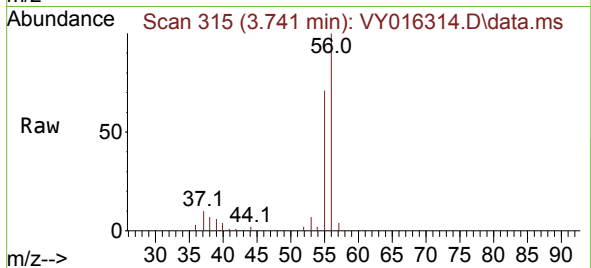
VSTDCCC050EC

Tgt Ion: 56 Resp: 26714

Ion Ratio Lower Upper

56 100

55 69.9 57.0 85.4



#14

Allyl chloride

Concen: 52.811 ug/l

RT: 4.497 min Scan# 439

Delta R.T. -0.000 min

Lab File: VY016314.D

Acq: 10 Nov 2023 19:09

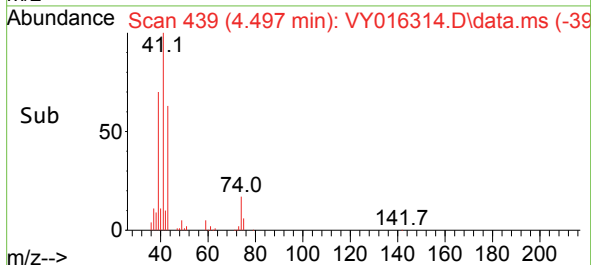
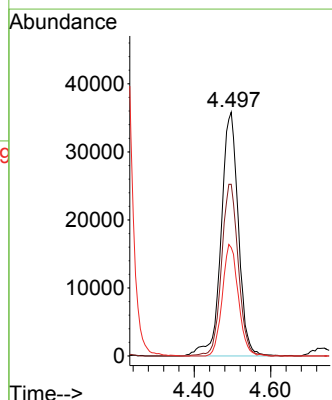
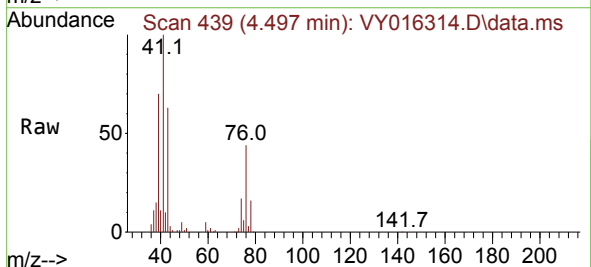
Tgt Ion: 41 Resp: 111984

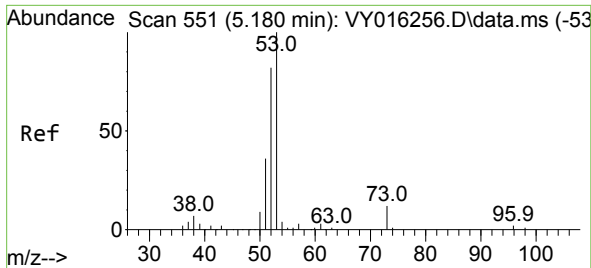
Ion Ratio Lower Upper

41 100

39 68.7 58.0 87.0

76 42.6 27.4 41.2#

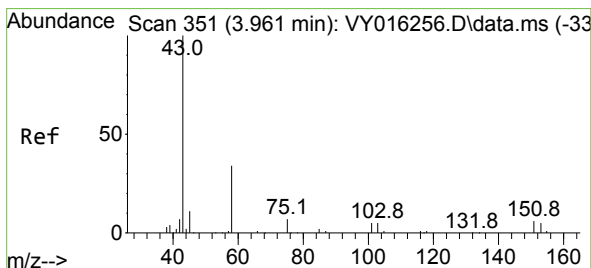
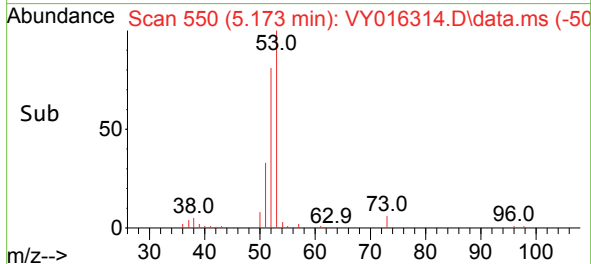
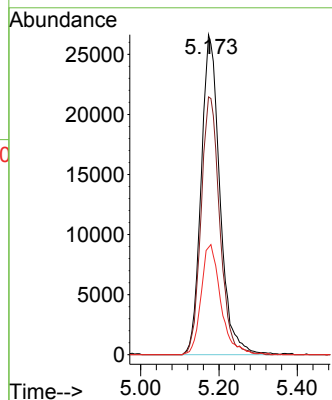
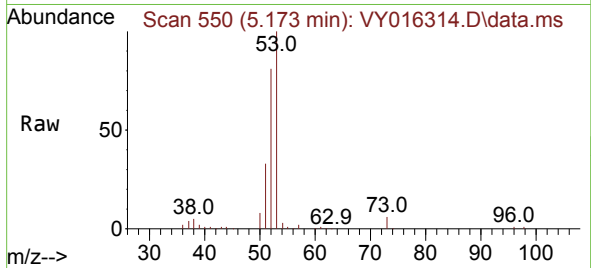




#15
Acrylonitrile
Concen: 282.116 ug/l
RT: 5.173 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY016314.D
Acq: 10 Nov 2023 19:09

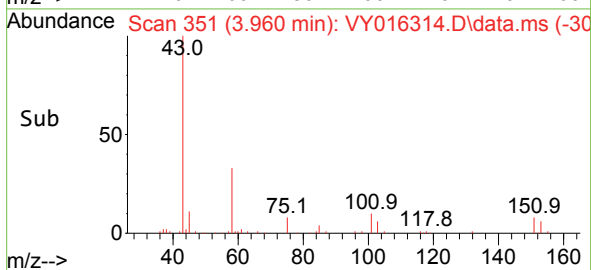
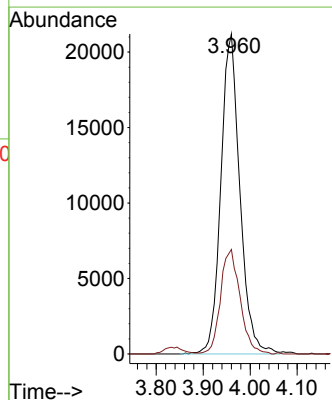
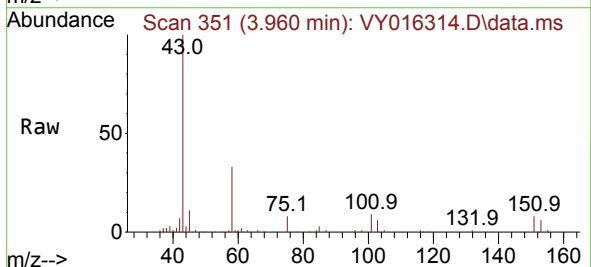
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

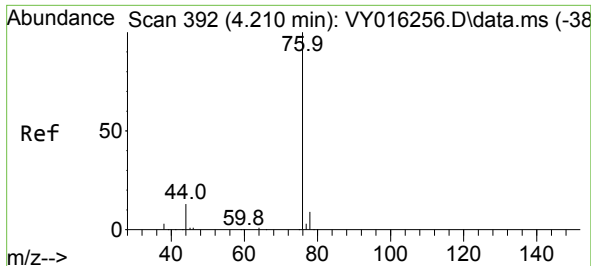
Tgt Ion: 53 Resp: 88767
Ion Ratio Lower Upper
53 100
52 80.2 66.9 100.3
51 35.9 29.8 44.6



#16
Acetone
Concen: 267.250 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY016314.D
Acq: 10 Nov 2023 19:09

Tgt Ion: 43 Resp: 59744
Ion Ratio Lower Upper
43 100
58 32.4 22.7 34.1





#17

Carbon Disulfide

Concen: 51.019 ug/l

RT: 4.210 min Scan# 392

Delta R.T. -0.000 min

Lab File: VY016314.D

Acq: 10 Nov 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

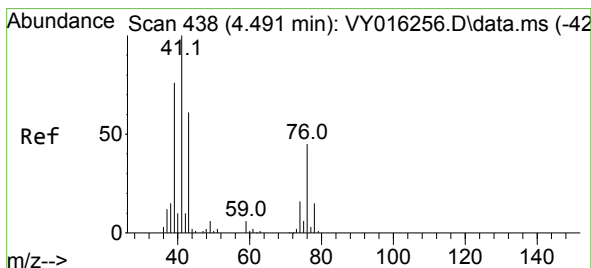
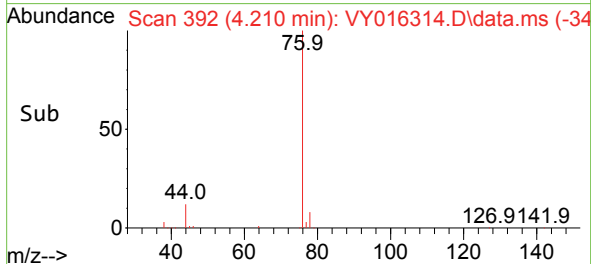
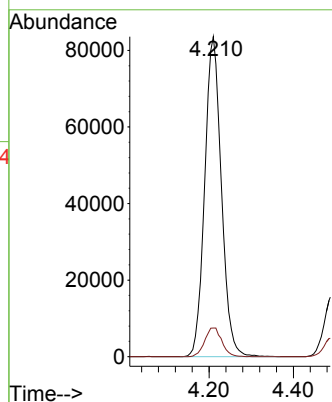
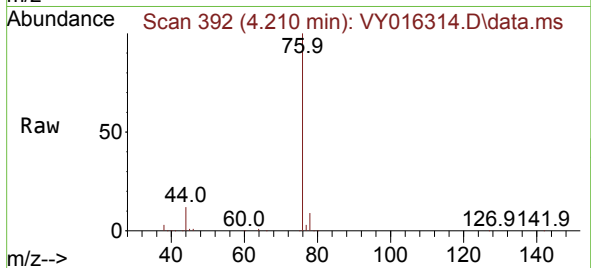
VSTDCCC050EC

Tgt Ion: 76 Resp: 230021

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.4



#18

Methyl Acetate

Concen: 61.623 ug/l

RT: 4.490 min Scan# 438

Delta R.T. -0.000 min

Lab File: VY016314.D

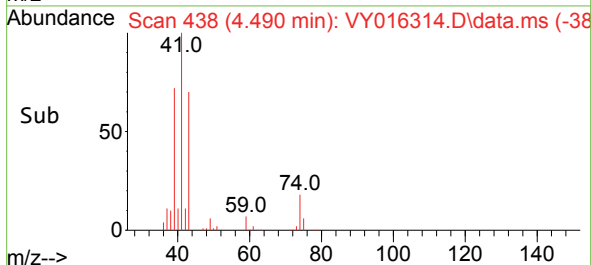
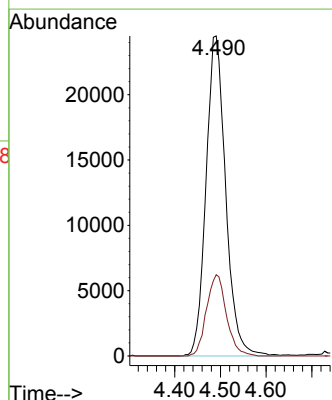
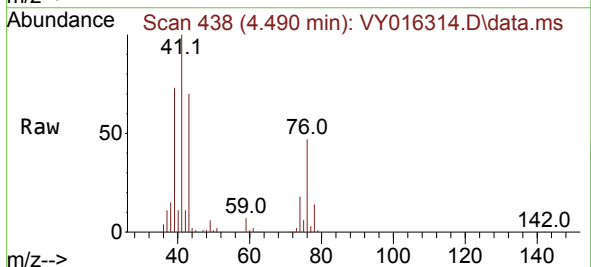
Acq: 10 Nov 2023 19:09

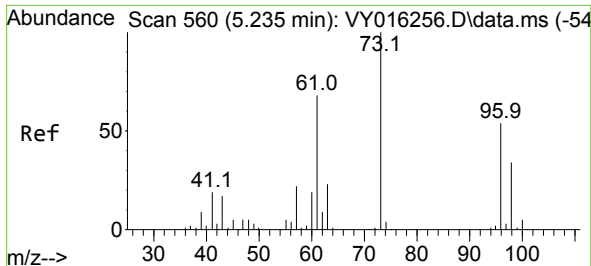
Tgt Ion: 43 Resp: 73201

Ion Ratio Lower Upper

43 100

74 25.7 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 54.970 ug/l

RT: 5.234 min Scan# 5

Delta R.T. -0.000 min

Lab File: VY016314.D

Acq: 10 Nov 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

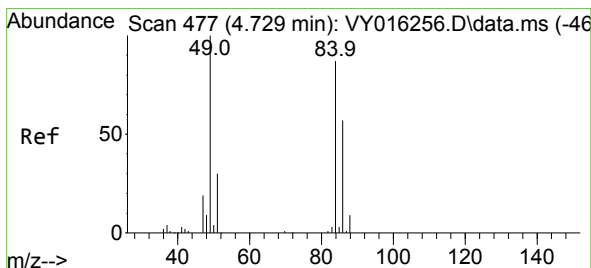
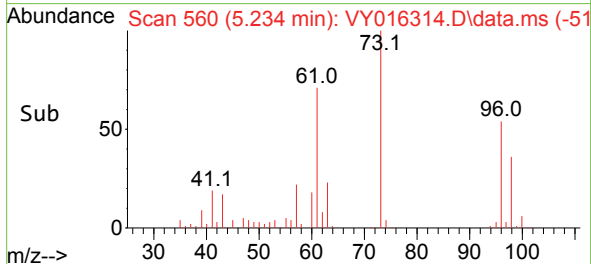
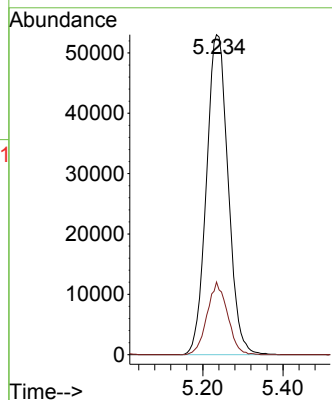
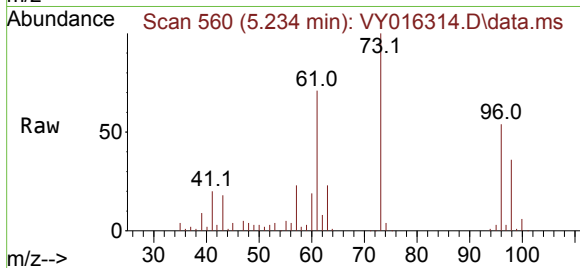
VSTDCCC050EC

Tgt Ion: 73 Resp: 198808

Ion Ratio Lower Upper

73 100

57 22.7 17.3 25.9



#20

Methylene Chloride

Concen: 59.365 ug/l

RT: 4.734 min Scan# 478

Delta R.T. 0.005 min

Lab File: VY016314.D

Acq: 10 Nov 2023 19:09

Tgt Ion: 84 Resp: 92722

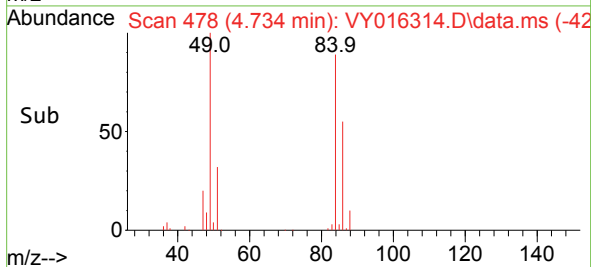
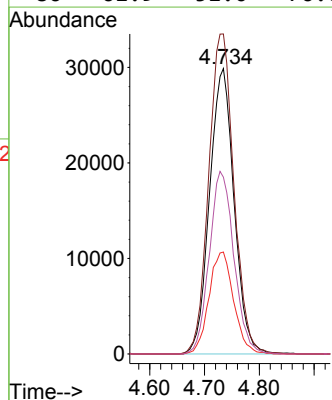
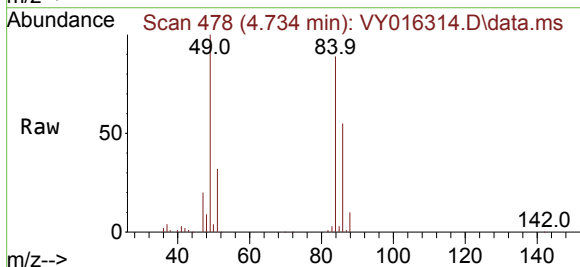
Ion Ratio Lower Upper

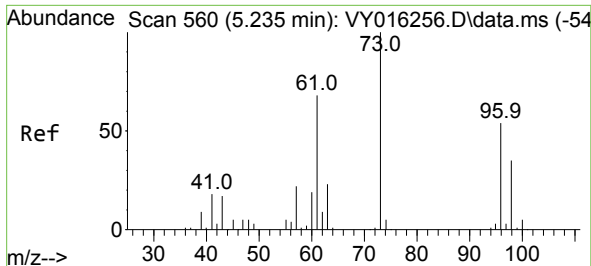
84 100

49 112.1 106.9 160.3

51 35.7 33.2 49.8

86 61.9 51.0 76.6

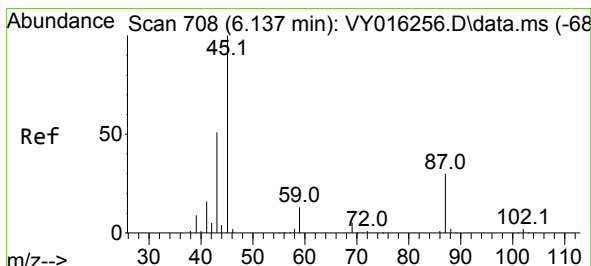
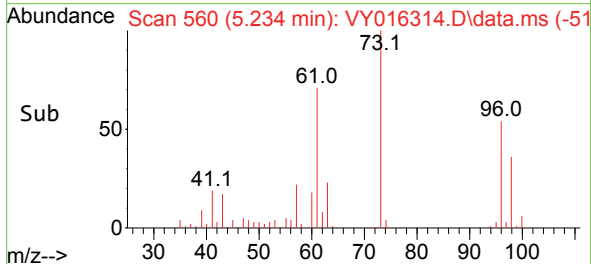
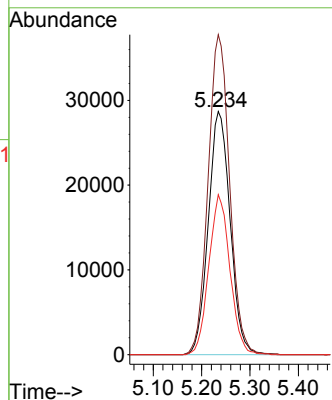
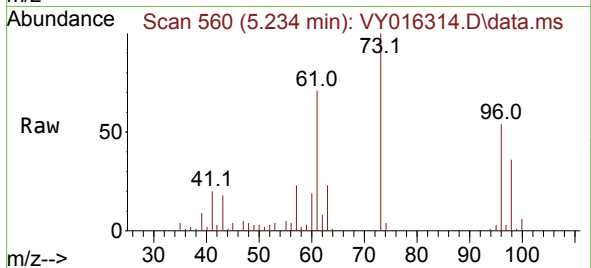




#21
trans-1,2-Dichloroethene
Concen: 52.475 ug/l
RT: 5.234 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY016314.D
Acq: 10 Nov 2023 19:09

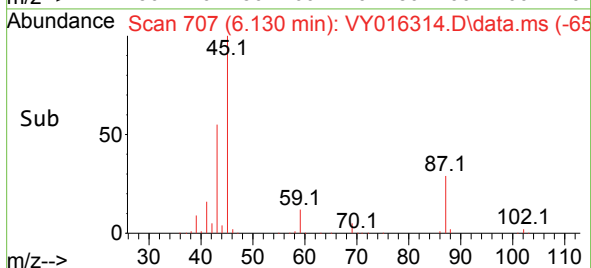
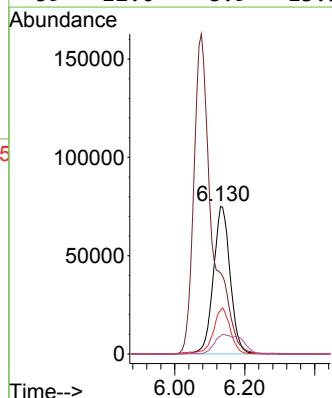
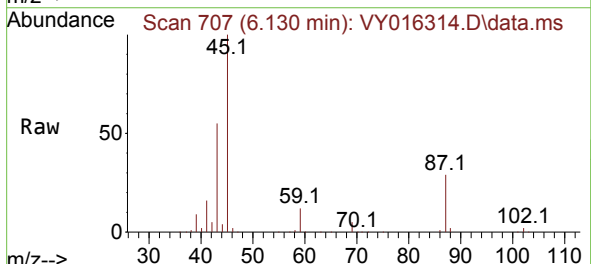
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

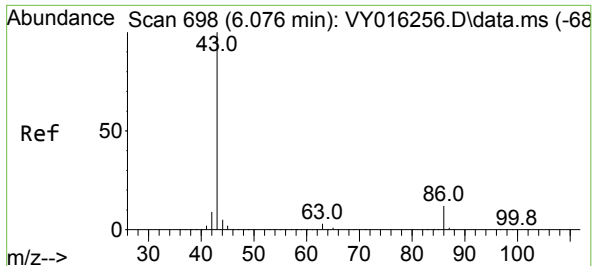
Tgt Ion: 96 Resp: 90282
Ion Ratio Lower Upper
96 100
61 131.6 110.2 165.4
98 65.8 51.8 77.6



#22
Diisopropyl ether
Concen: 54.735 ug/l
RT: 6.130 min Scan# 707
Delta R.T. -0.006 min
Lab File: VY016314.D
Acq: 10 Nov 2023 19:09

Tgt Ion: 45 Resp: 250134
Ion Ratio Lower Upper
45 100
43 54.7 52.2 78.4
87 29.3 21.0 31.6
59 12.0 8.9 13.3

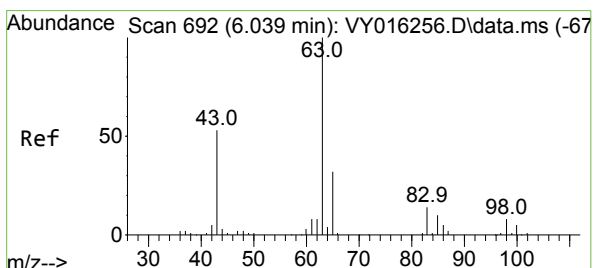
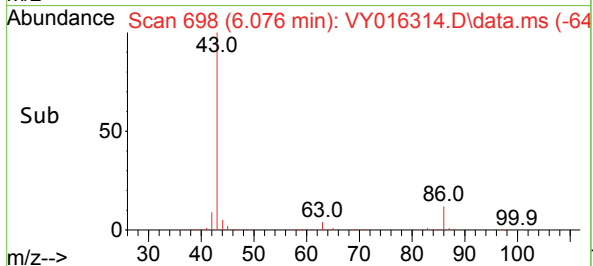
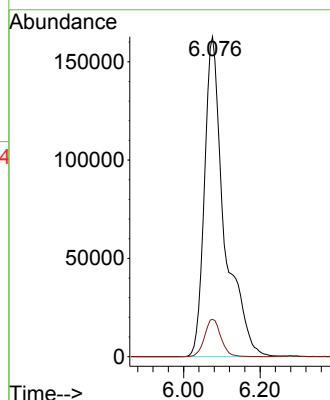
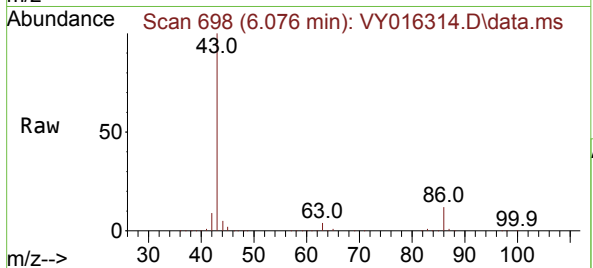




#23
 Vinyl Acetate
 Concen: 265.396 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. -0.000 min
 Lab File: VY016314.D
 Acq: 10 Nov 2023 19:09

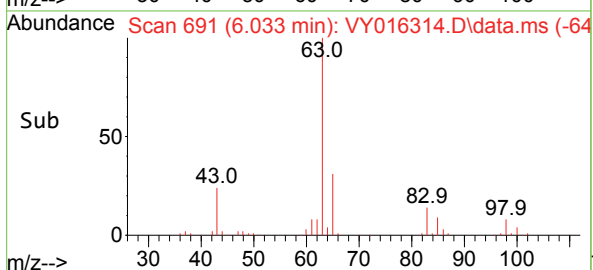
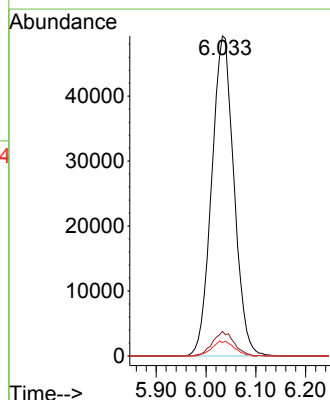
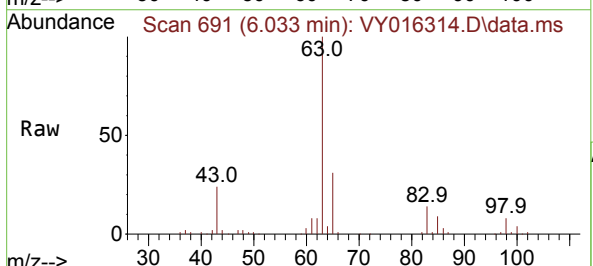
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

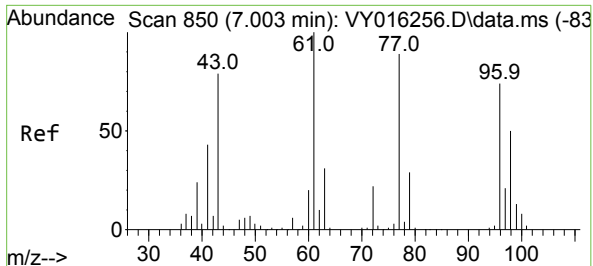
Tgt Ion: 43 Resp: 587673
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 54.208 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. -0.006 min
 Lab File: VY016314.D
 Acq: 10 Nov 2023 19:09

Tgt Ion: 63 Resp: 152826
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.1 9.4
 100 4.2 1.8 5.5





#25

2-Butanone

Concen: 272.367 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY016314.D

Acq: 10 Nov 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

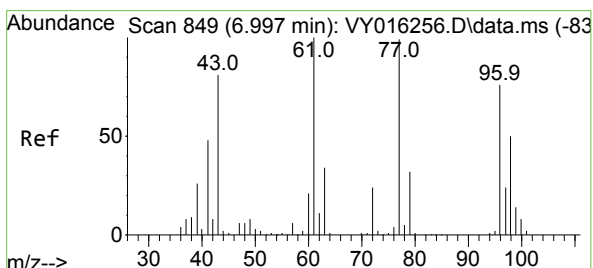
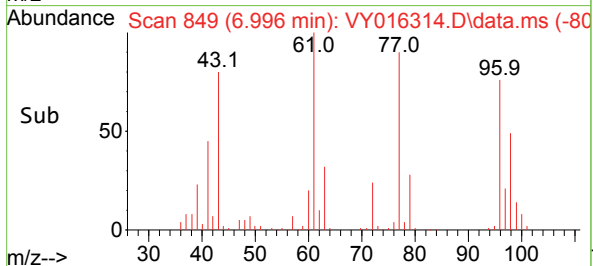
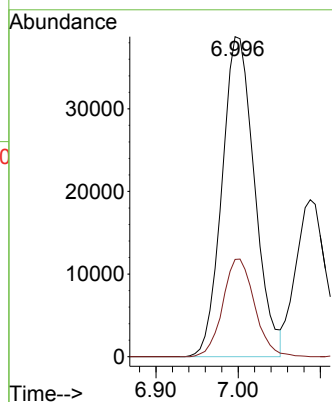
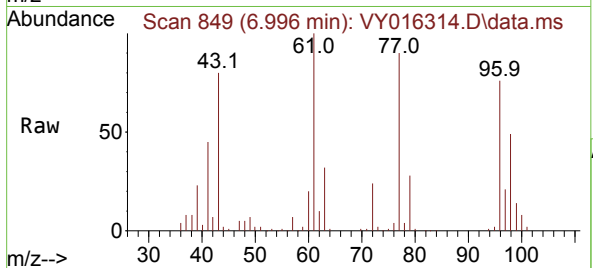
VSTDCCC050EC

Tgt Ion: 43 Resp: 106648

Ion Ratio Lower Upper

43 100

72 30.4 20.5 30.7



#26

2,2-Dichloropropane

Concen: 50.540 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY016314.D

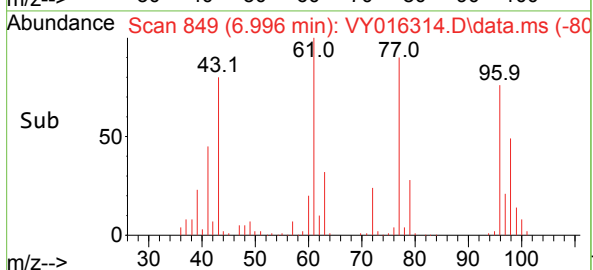
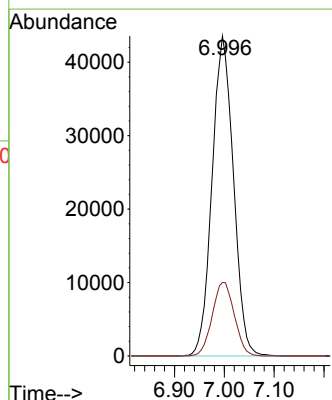
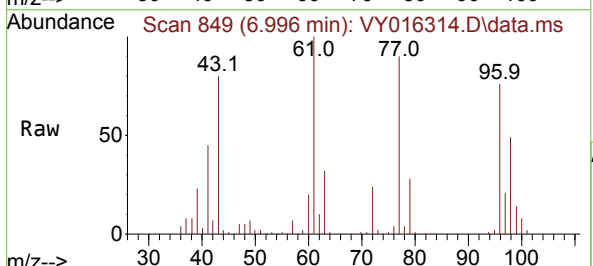
Acq: 10 Nov 2023 19:09

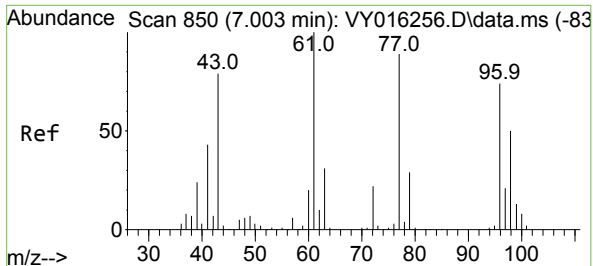
Tgt Ion: 77 Resp: 129681

Ion Ratio Lower Upper

77 100

97 23.7 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 54.688 ug/l

RT: 7.002 min Scan# 850

Delta R.T. -0.000 min

Lab File: VY016314.D

Acq: 10 Nov 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

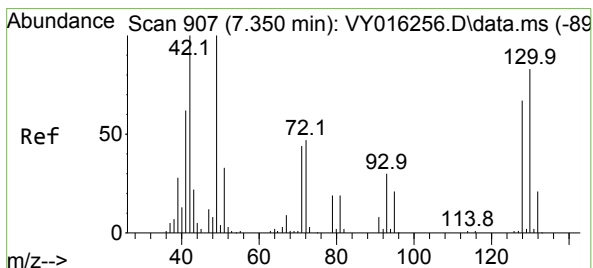
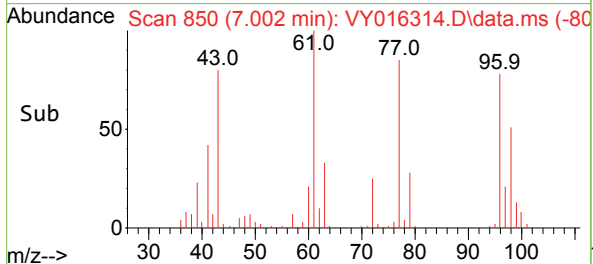
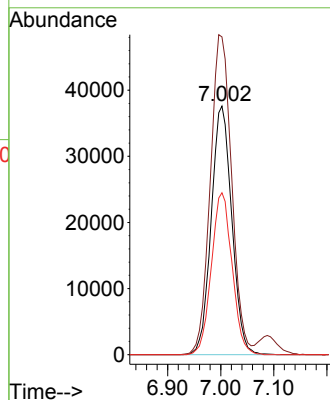
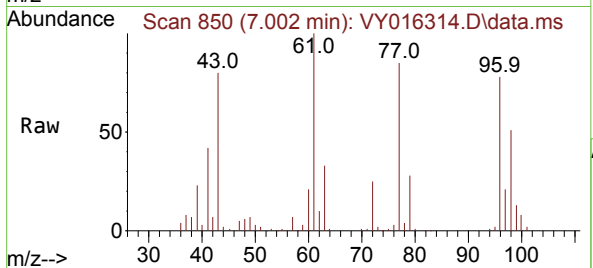
Tgt Ion: 96 Resp: 101399

Ion Ratio Lower Upper

96 100

61 133.4 0.0 301.4

98 65.5 0.0 130.4



#28

Bromochloromethane

Concen: 55.759 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY016314.D

Acq: 10 Nov 2023 19:09

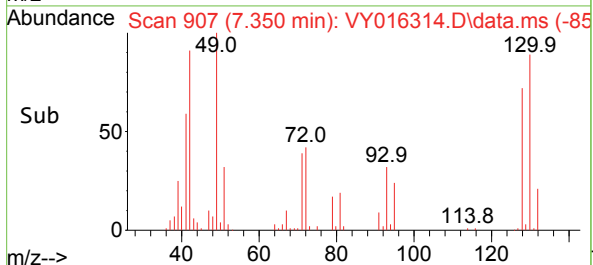
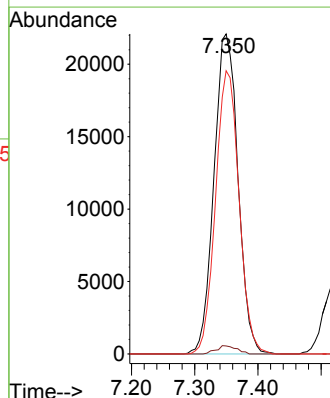
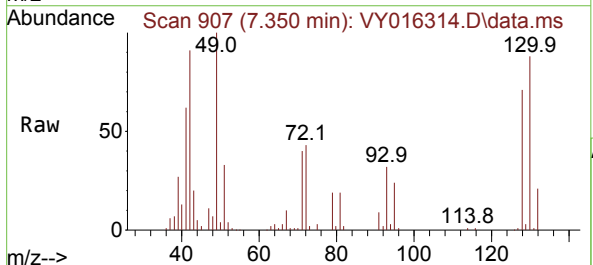
Tgt Ion: 49 Resp: 58179

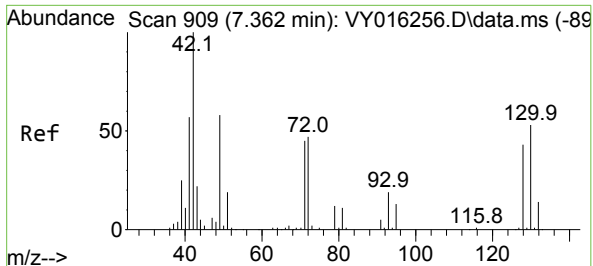
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 86.4 60.7 91.1





#29

Tetrahydrofuran

Concen: 280.767 ug/l

RT: 7.362 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY016314.D

Acq: 10 Nov 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

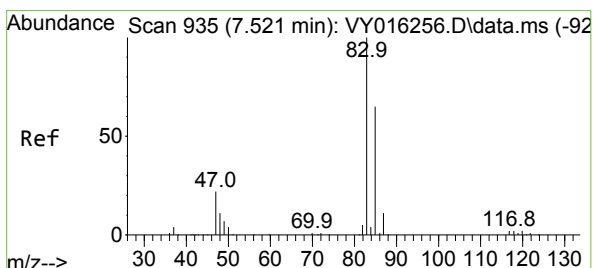
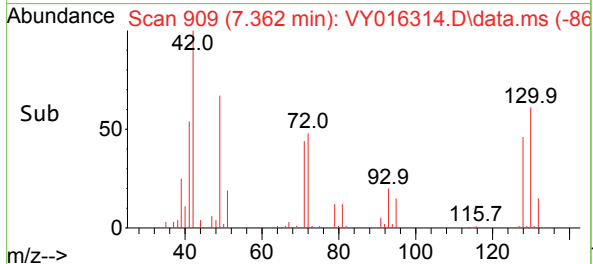
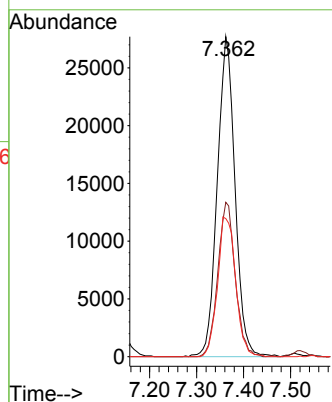
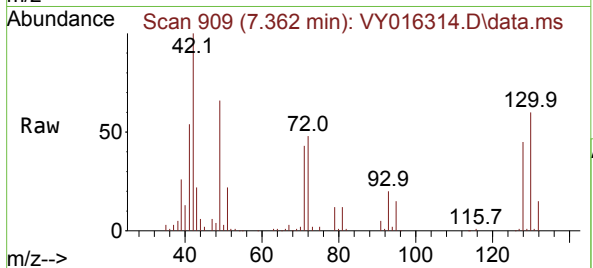
Tgt Ion: 42 Resp: 72665

Ion Ratio Lower Upper

42 100

72 47.4 32.8 49.2

71 44.6 31.0 46.4



#30

Chloroform

Concen: 54.641 ug/l

RT: 7.520 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY016314.D

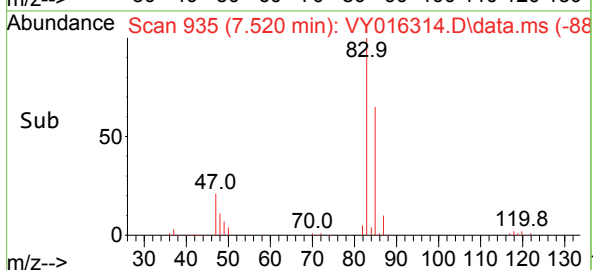
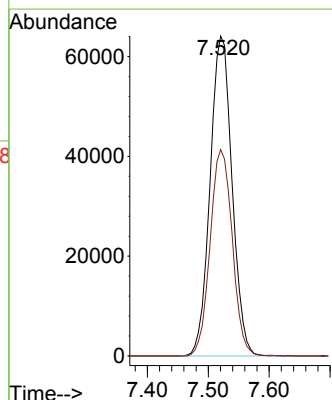
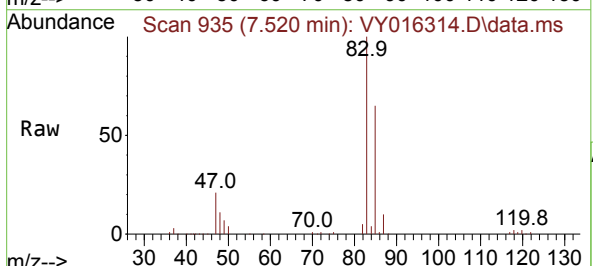
Acq: 10 Nov 2023 19:09

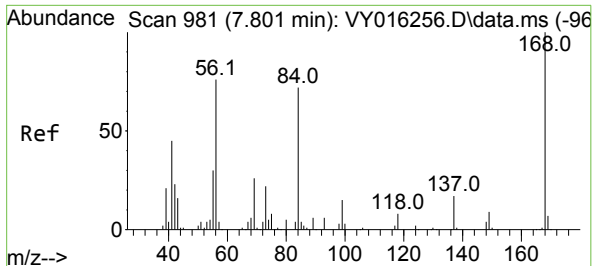
Tgt Ion: 83 Resp: 160346

Ion Ratio Lower Upper

83 100

85 64.5 49.7 74.5

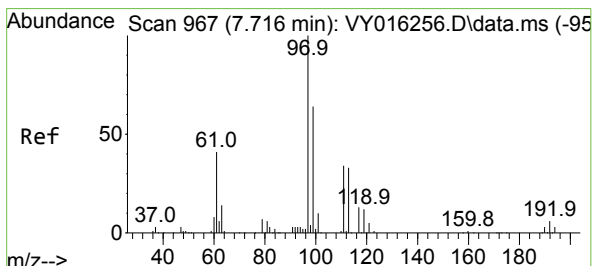
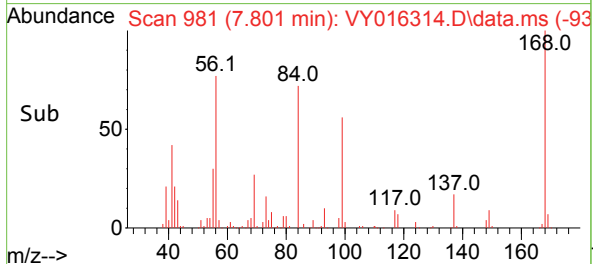
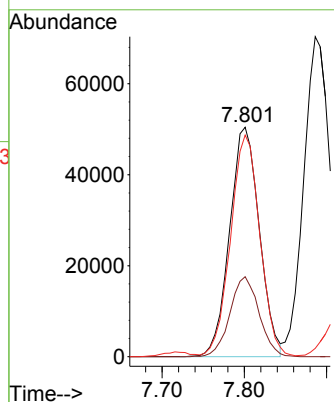
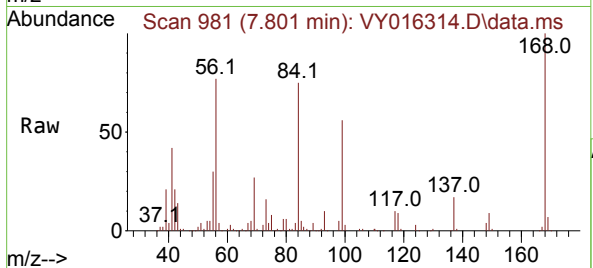




#31
Cyclohexane
Concen: 47.688 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016314.D
Acq: 10 Nov 2023 19:09

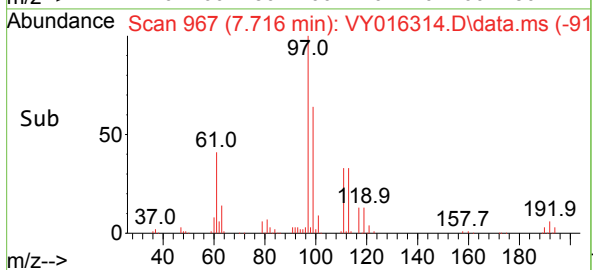
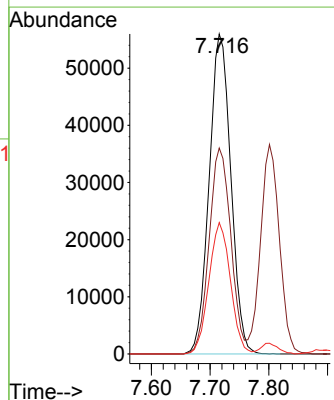
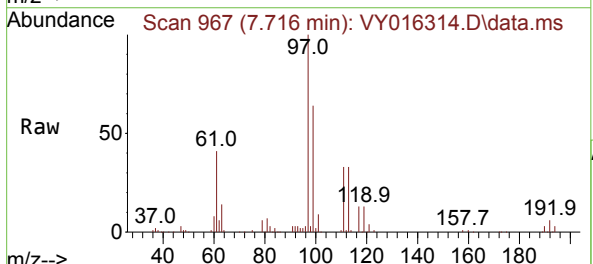
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

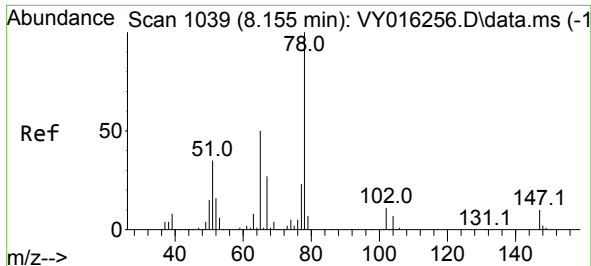
Tgt Ion: 56 Resp: 126890
Ion Ratio Lower Upper
56 100
69 34.9 27.8 41.6
84 94.7 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 53.406 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY016314.D
Acq: 10 Nov 2023 19:09

Tgt Ion: 97 Resp: 143660
Ion Ratio Lower Upper
97 100
99 64.1 50.8 76.2
61 40.8 35.1 52.7

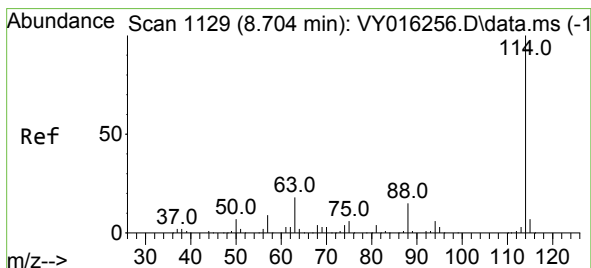
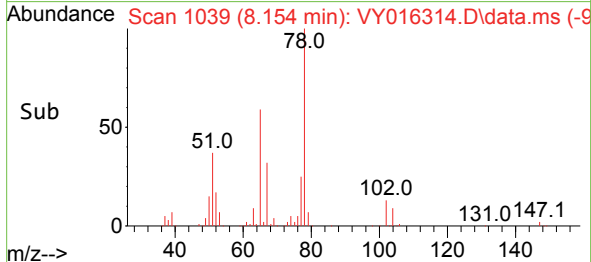
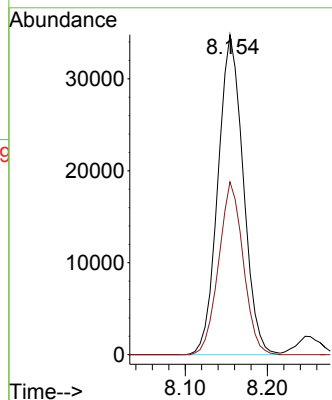
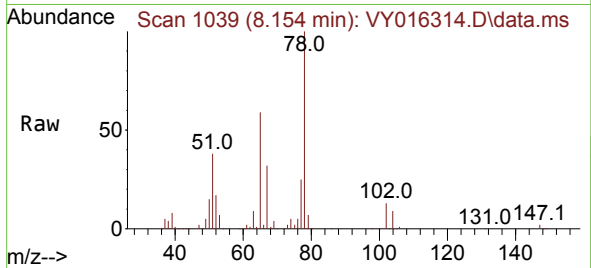




#33
 1,2-Dichloroethane-d4
 Concen: 54.906 ug/l
 RT: 8.154 min Scan# 1039
 Delta R.T. -0.000 min
 Lab File: VY016314.D
 Acq: 10 Nov 2023 19:09

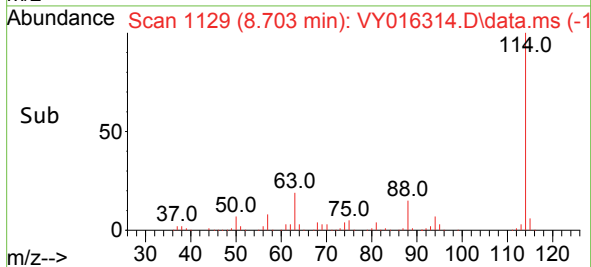
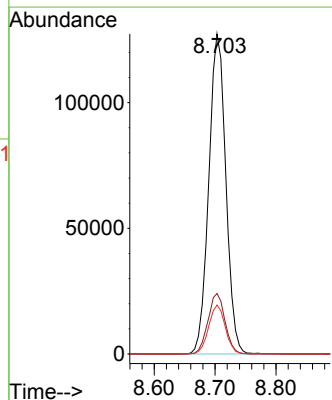
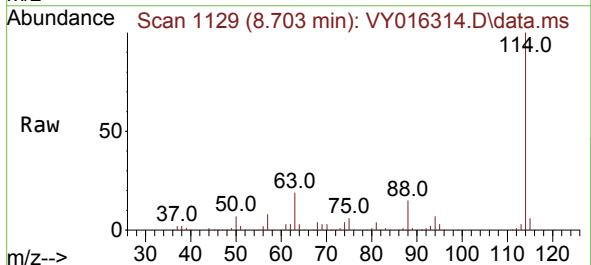
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

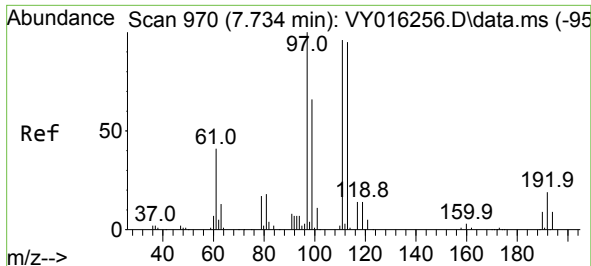
Tgt Ion: 65 Resp: 74204
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. -0.000 min
 Lab File: VY016314.D
 Acq: 10 Nov 2023 19:09

Tgt Ion: 114 Resp: 247585
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 42.4
 88 15.3 0.0 30.6

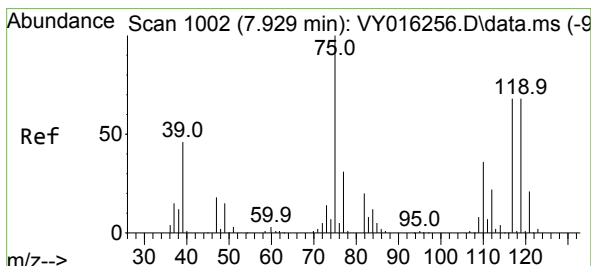
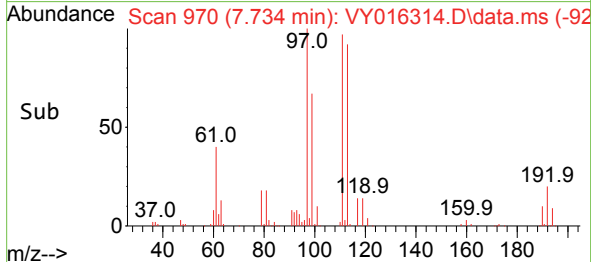
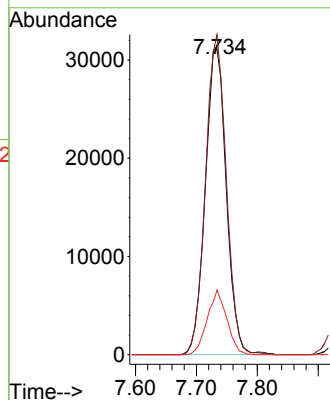
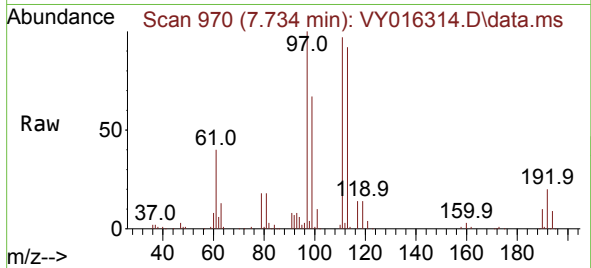




#35
Dibromofluoromethane
Concen: 53.190 ug/l
RT: 7.734 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016314.D
Acq: 10 Nov 2023 19:09

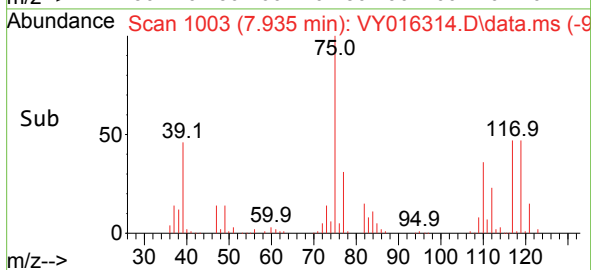
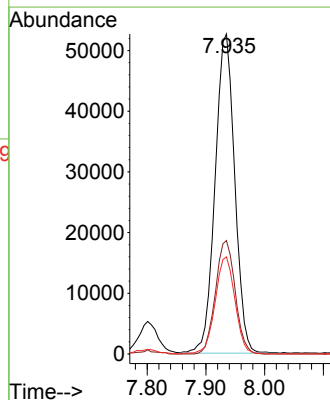
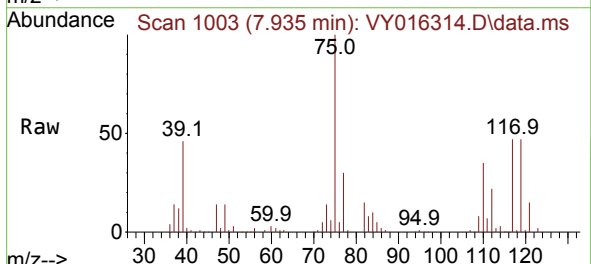
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

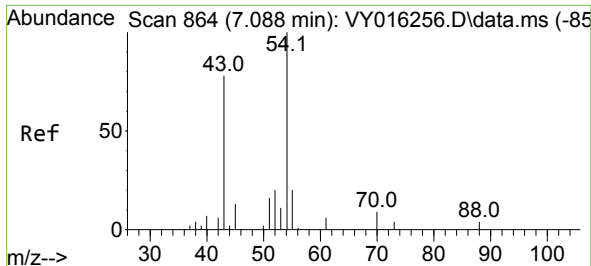
Tgt Ion:113 Resp: 74808
Ion Ratio Lower Upper
113 100
111 103.1 81.3 121.9
192 19.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 50.044 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY016314.D
Acq: 10 Nov 2023 19:09

Tgt Ion: 75 Resp: 122215
Ion Ratio Lower Upper
75 100
110 35.6 17.8 53.5
77 30.6 24.4 36.6





#37

Ethyl Acetate

Concen: 51.051 ug/l

RT: 7.088 min Scan# 864

Delta R.T. -0.000 min

Lab File: VY016314.D

Acq: 10 Nov 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

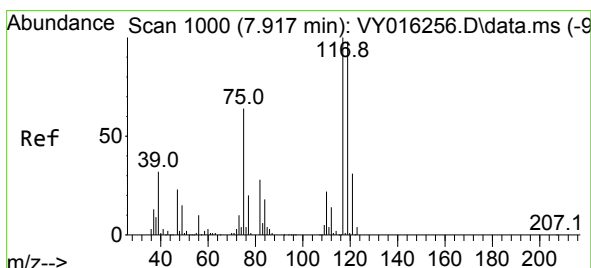
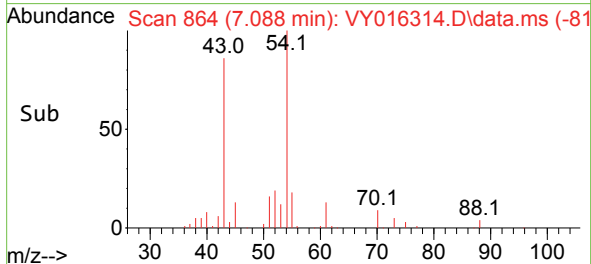
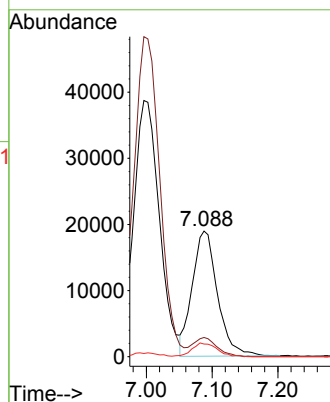
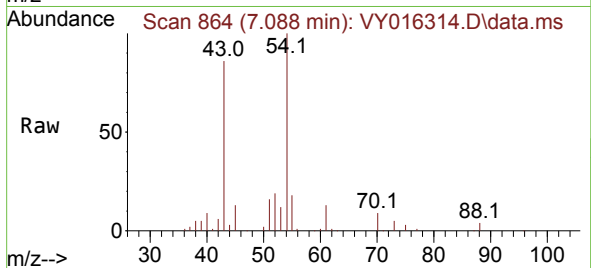
Tgt Ion: 43 Resp: 50374

Ion Ratio Lower Upper

43 100

61 15.0 10.1 15.1

70 10.9 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 50.600 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY016314.D

Acq: 10 Nov 2023 19:09

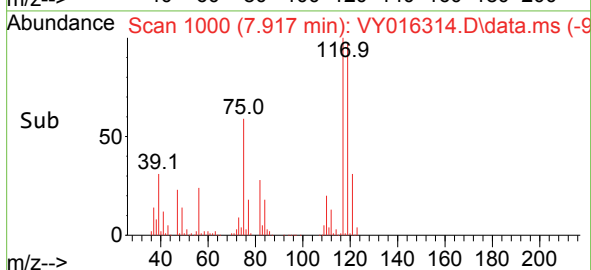
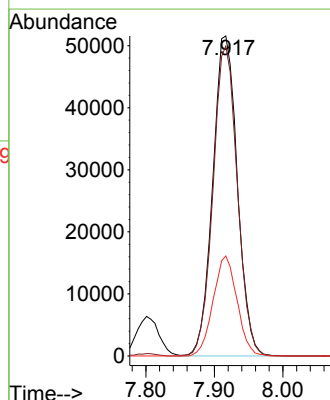
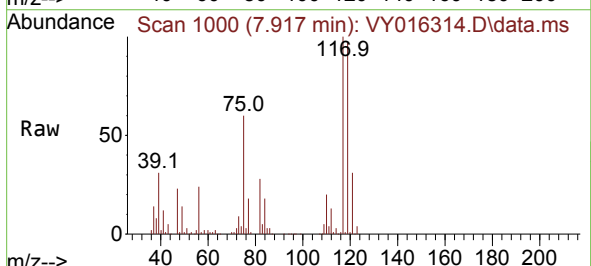
Tgt Ion: 117 Resp: 128250

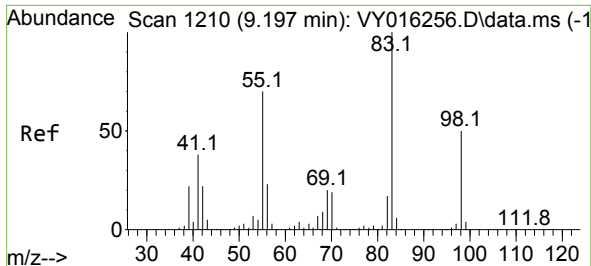
Ion Ratio Lower Upper

117 100

119 96.8 76.4 114.6

121 31.2 25.8 38.6





#39

Methylcyclohexane

Concen: 46.686 ug/l

RT: 9.197 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016314.D

Acq: 10 Nov 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

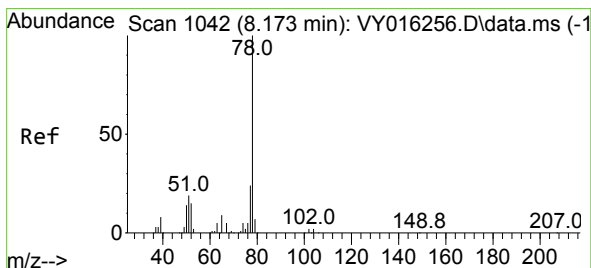
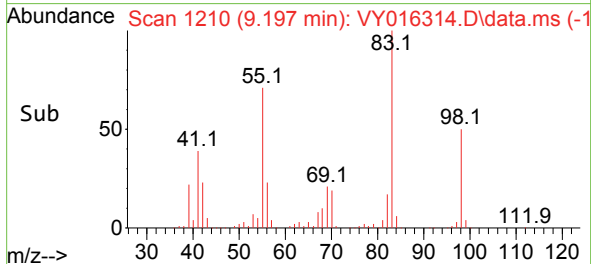
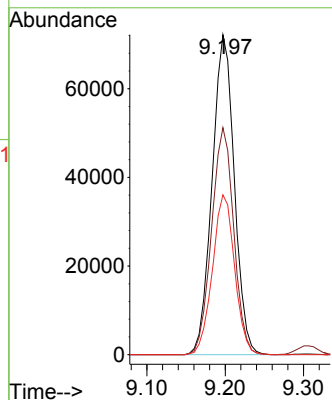
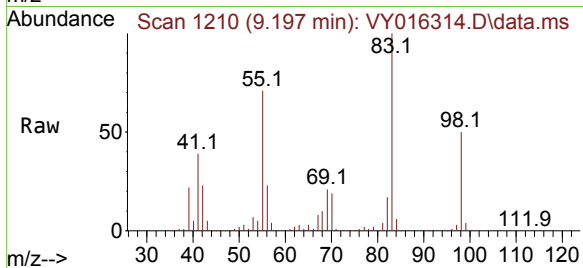
Tgt Ion: 83 Resp: 142069

Ion Ratio Lower Upper

83 100

55 71.0 63.0 94.4

98 49.9 37.4 56.2



#40

Benzene

Concen: 51.918 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. -0.000 min

Lab File: VY016314.D

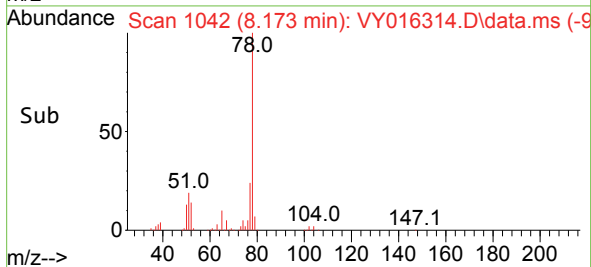
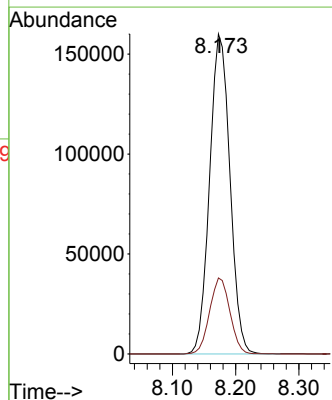
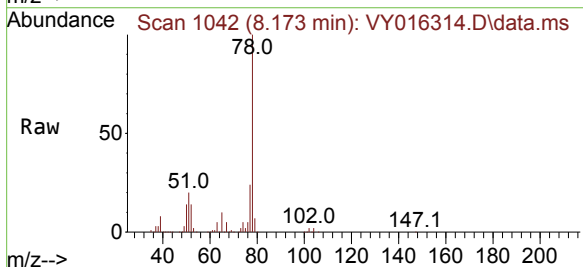
Acq: 10 Nov 2023 19:09

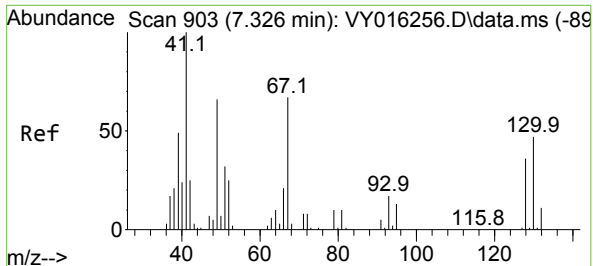
Tgt Ion: 78 Resp: 356230

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.6



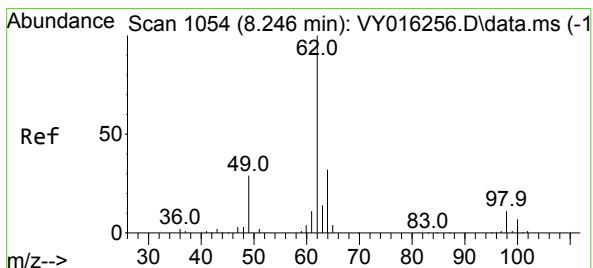
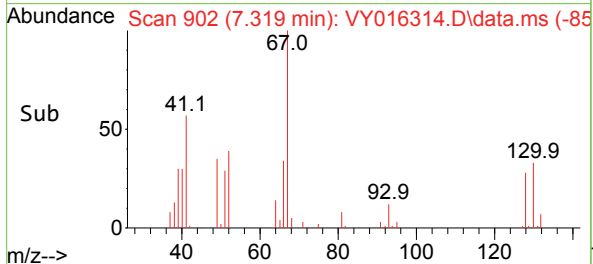
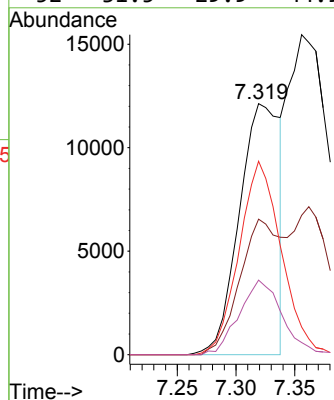
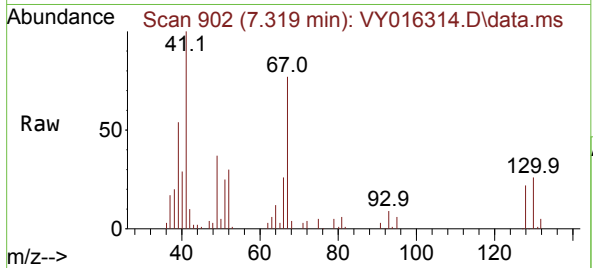


#41
Methacrylonitrile
Concen: 58.641 ug/l
RT: 7.319 min Scan# 903
Delta R.T. -0.007 min
Lab File: VY016314.D
Acq: 10 Nov 2023 19:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 29176

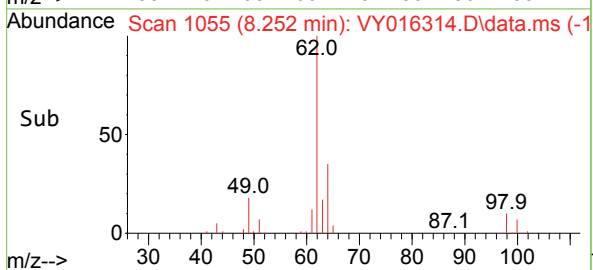
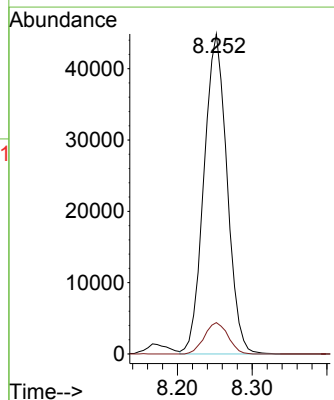
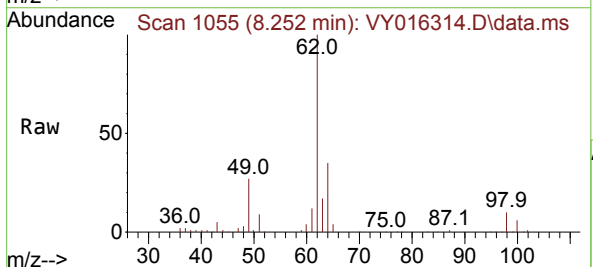
Ion	Ratio	Lower	Upper
41	100		
39	59.0	52.1	78.1
67	80.1	66.2	99.2
52	31.5	29.9	44.9

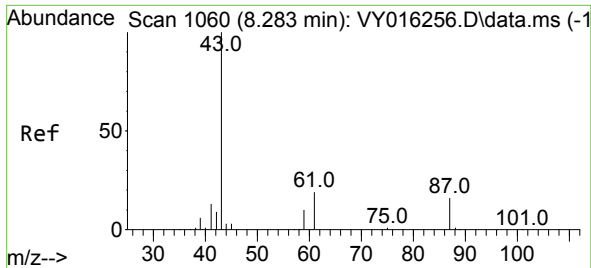


#42
1,2-Dichloroethane
Concen: 54.208 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY016314.D
Acq: 10 Nov 2023 19:09

Tgt Ion: 62 Resp: 96371

Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	15.8

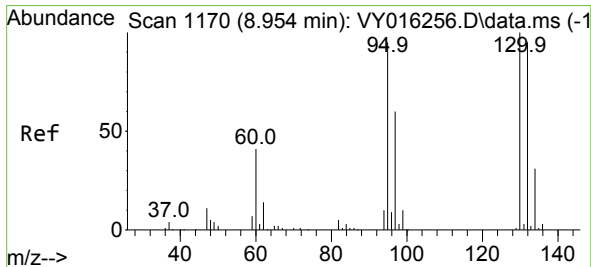
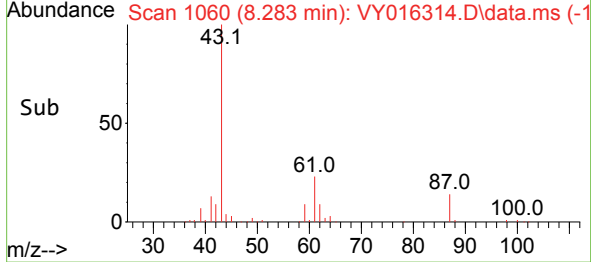
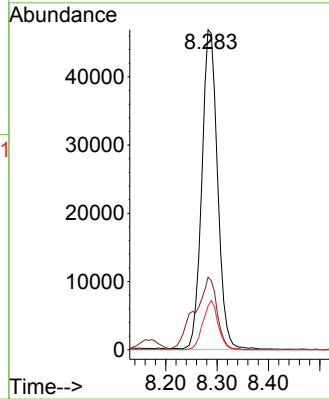
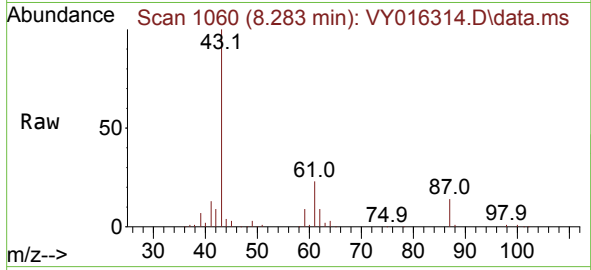




#43
Isopropyl Acetate
Concen: 52.120 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VY016314.D
Acq: 10 Nov 2023 19:09

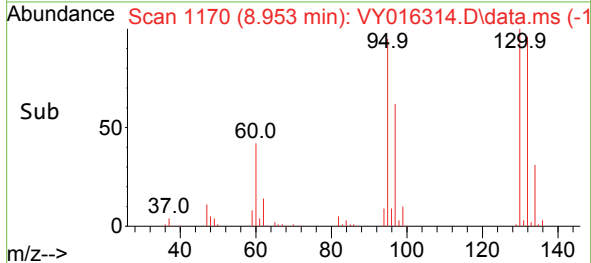
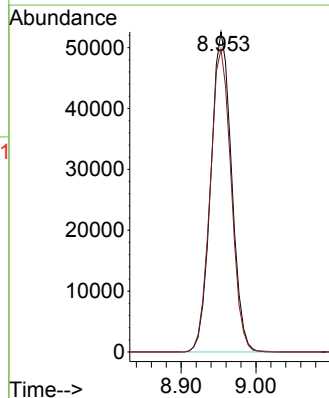
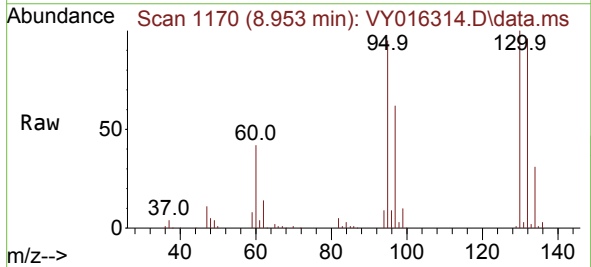
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

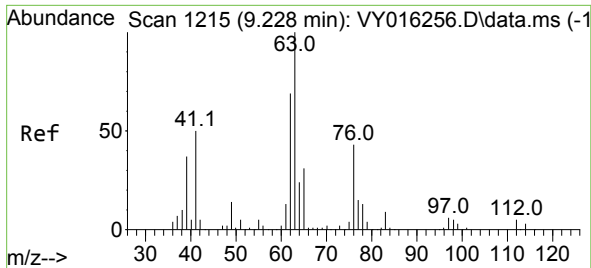
Tgt Ion: 43 Resp: 99412
Ion Ratio Lower Upper
43 100
61 32.3 21.1 31.7#
87 14.8 9.8 14.8#



#44
Trichloroethene
Concen: 51.478 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY016314.D
Acq: 10 Nov 2023 19:09

Tgt Ion:130 Resp: 101511
Ion Ratio Lower Upper
130 100
95 94.6 0.0 196.0

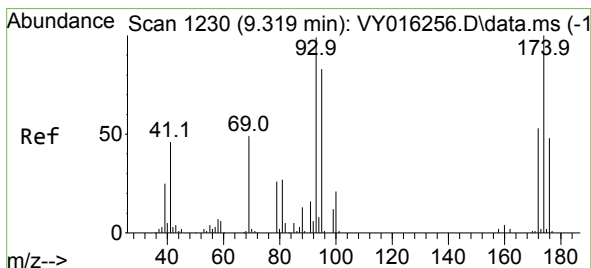
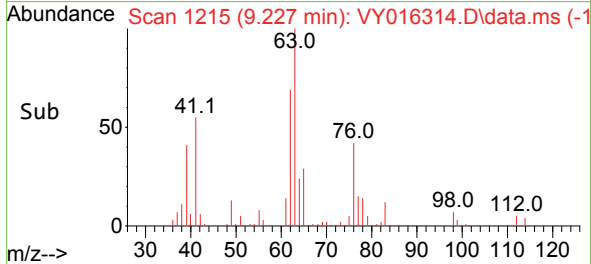
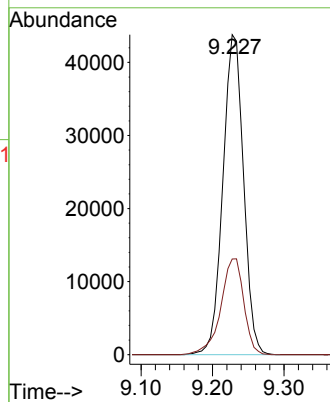
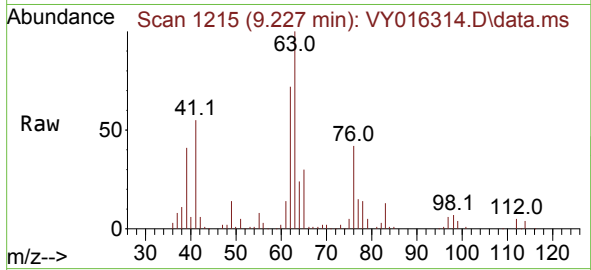




#45
1,2-Dichloropropane
Concen: 53.329 ug/l
RT: 9.227 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016314.D
Acq: 10 Nov 2023 19:09

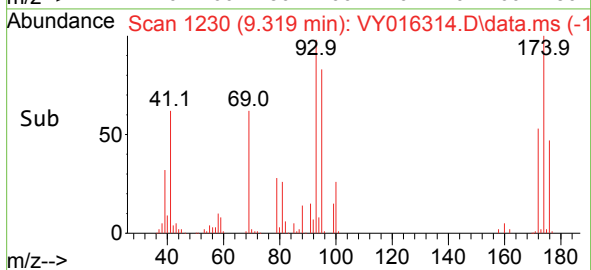
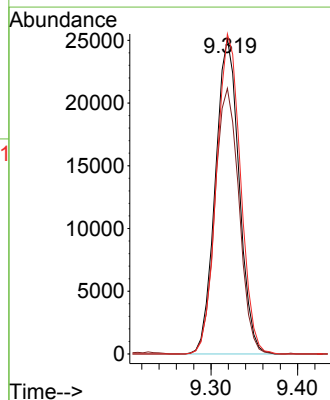
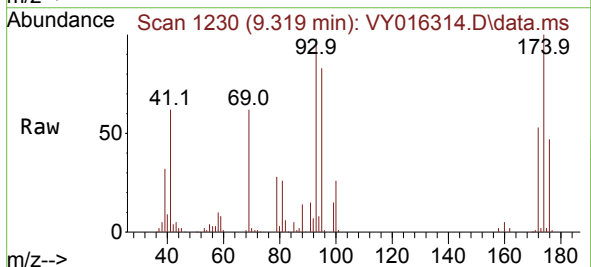
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

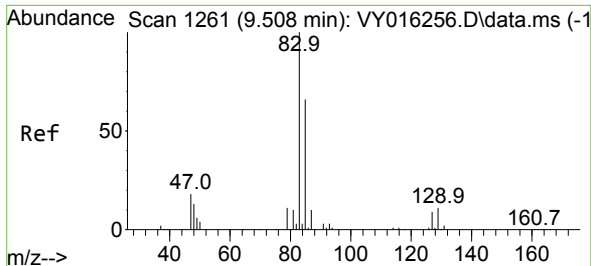
Tgt Ion: 63 Resp: 87876
Ion Ratio Lower Upper
63 100
65 29.9 23.8 35.6



#46
Dibromomethane
Concen: 53.548 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY016314.D
Acq: 10 Nov 2023 19:09

Tgt Ion: 93 Resp: 47816
Ion Ratio Lower Upper
93 100
95 85.5 66.6 100.0
174 102.5 84.8 127.2

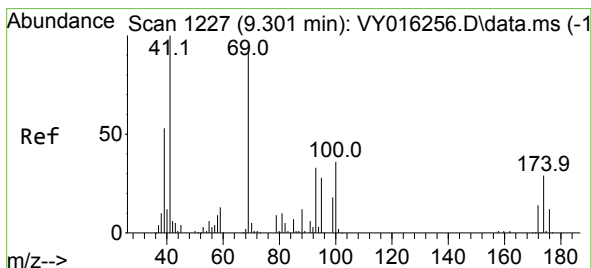
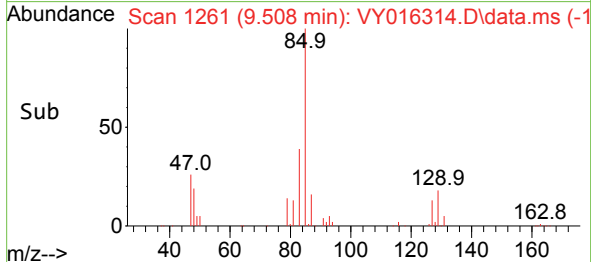
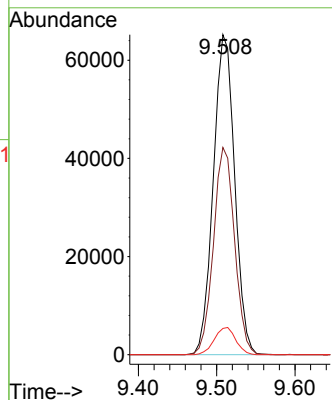
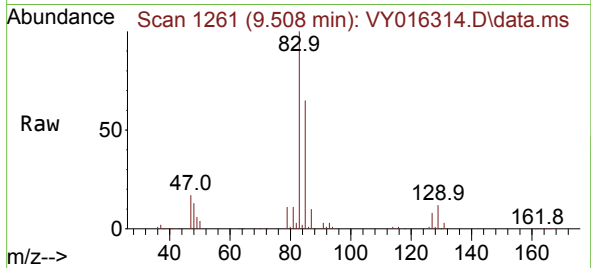




#47
Bromodichloromethane
Concen: 53.747 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VY016314.D
Acq: 10 Nov 2023 19:09

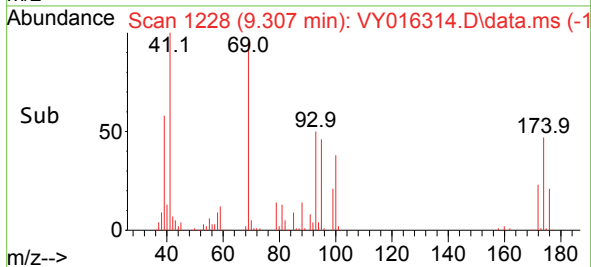
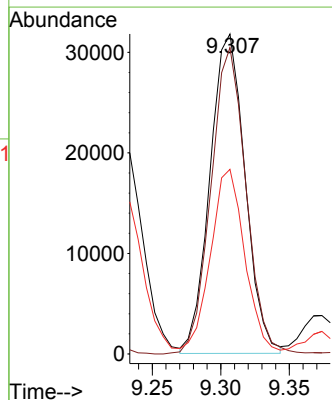
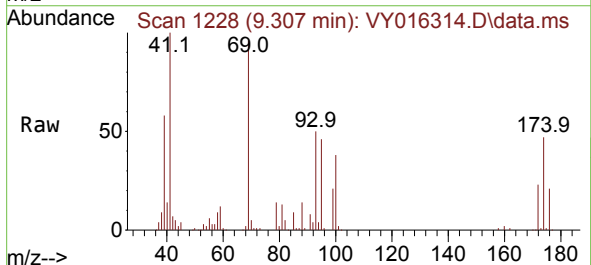
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

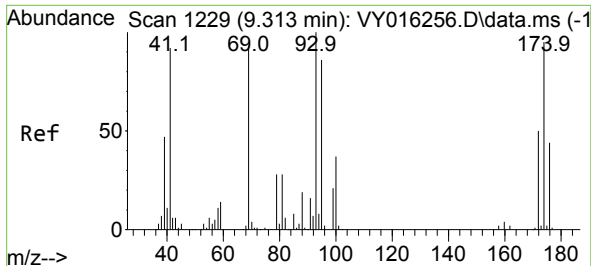
Tgt Ion: 83 Resp: 123386
Ion Ratio Lower Upper
83 100
85 64.7 50.1 75.1
127 8.2 7.1 10.7



#48
Methyl methacrylate
Concen: 53.808 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY016314.D
Acq: 10 Nov 2023 19:09

Tgt Ion: 41 Resp: 56721
Ion Ratio Lower Upper
41 100
69 95.7 64.5 96.7
39 54.1 50.8 76.2

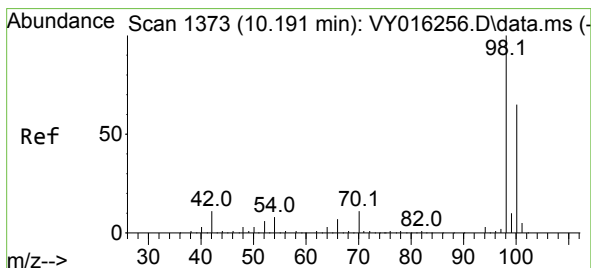
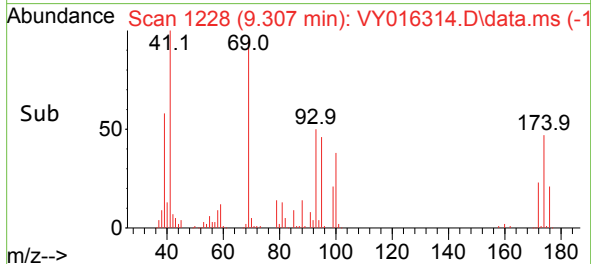
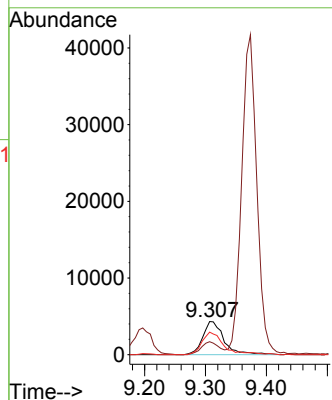
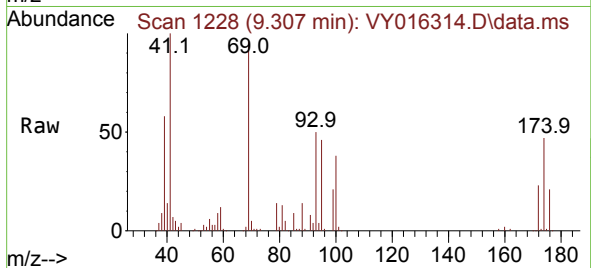




#49
1,4-Dioxane
Concen: 1106.226 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.007 min
Lab File: VY016314.D
Acq: 10 Nov 2023 19:09

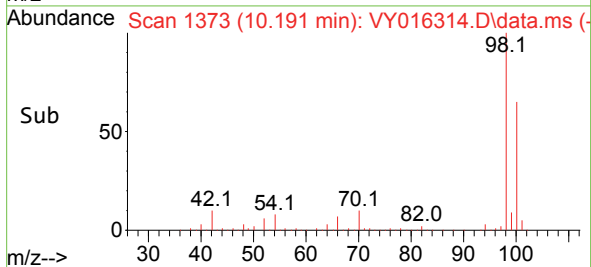
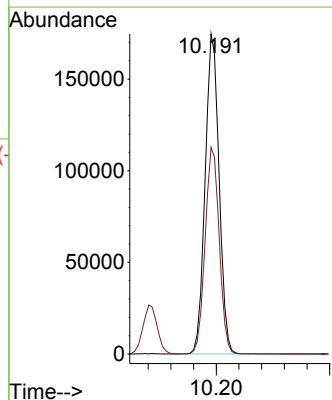
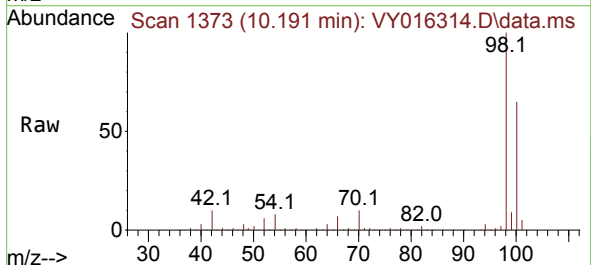
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

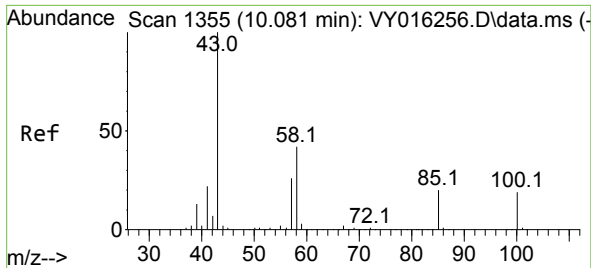
Tgt Ion: 88 Resp: 10487
Ion Ratio Lower Upper
88 100
43 32.8 0.0 0.0#
58 69.0 30.9 46.3#



#50
Toluene-d8
Concen: 52.190 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016314.D
Acq: 10 Nov 2023 19:09

Tgt Ion: 98 Resp: 297658
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 265.083 ug/l

RT: 10.081 min Scan# 1355

Delta R.T. -0.000 min

Lab File: VY016314.D

Acq: 10 Nov 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

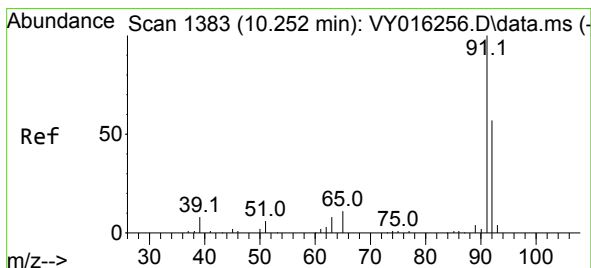
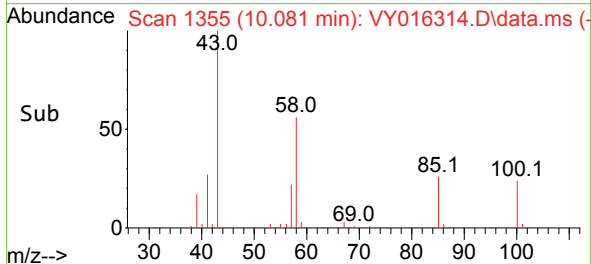
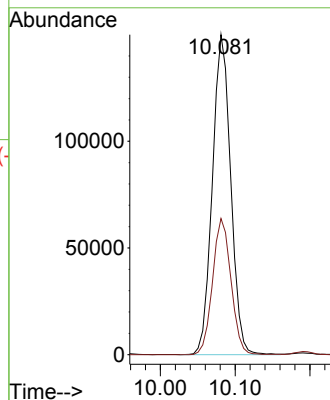
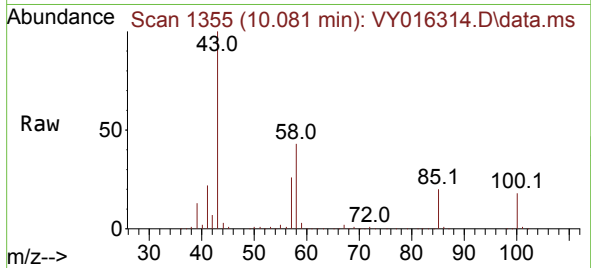
VSTDCCC050EC

Tgt Ion: 43 Resp: 255676

Ion Ratio Lower Upper

43 100

58 42.7 29.0 43.6



#52

Toluene

Concen: 52.418 ug/l

RT: 10.258 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VY016314.D

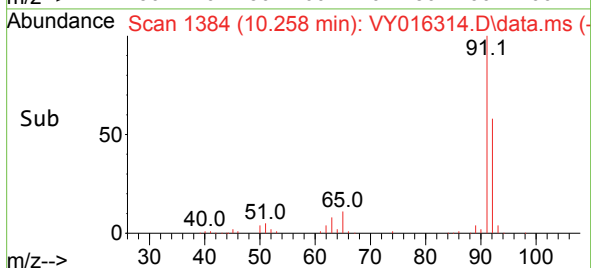
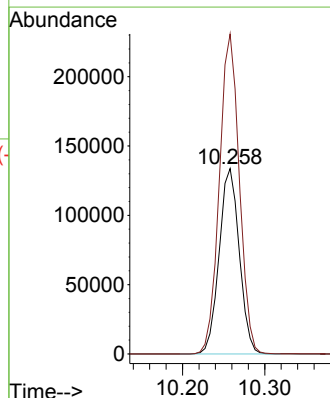
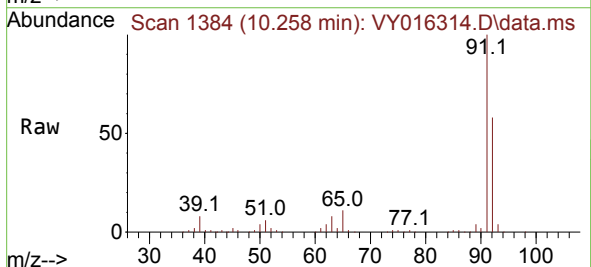
Acq: 10 Nov 2023 19:09

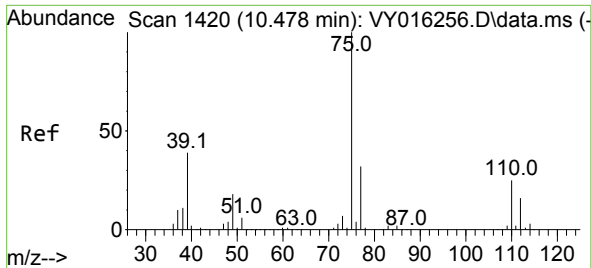
Tgt Ion: 92 Resp: 227348

Ion Ratio Lower Upper

92 100

91 171.2 143.8 215.6

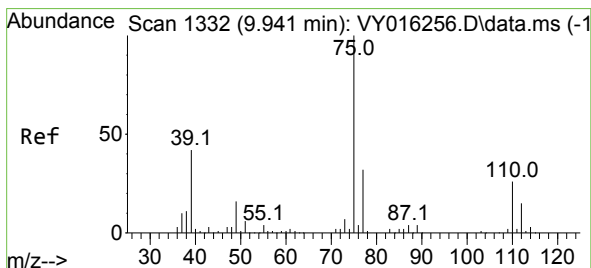
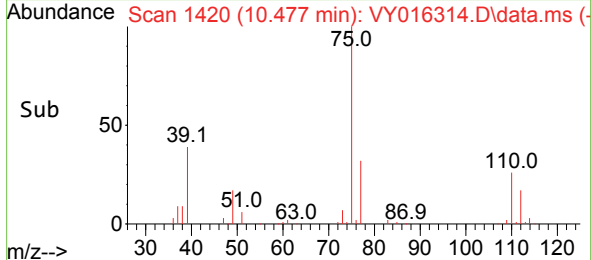
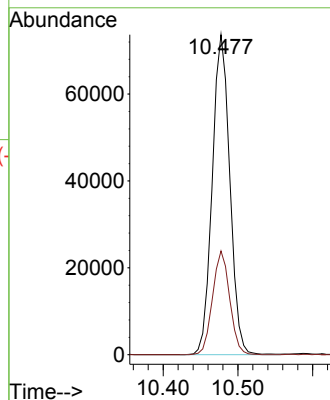
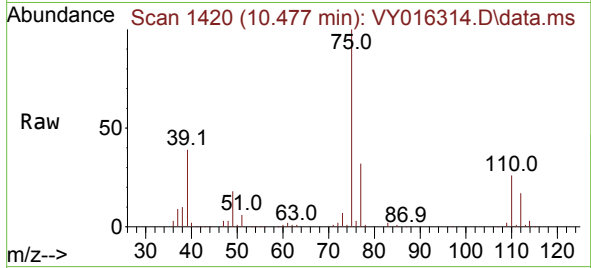




#53
 t-1,3-Dichloropropene
 Concen: 54.260 ug/l
 RT: 10.477 min Scan# 1420
 Delta R.T. -0.000 min
 Lab File: VY016314.D
 Acq: 10 Nov 2023 19:09

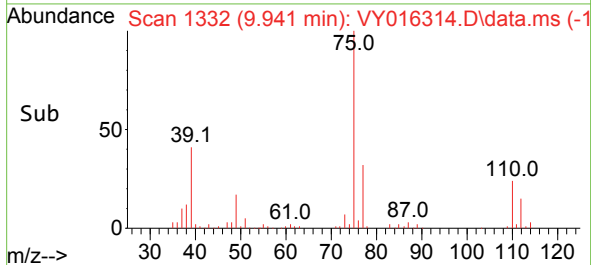
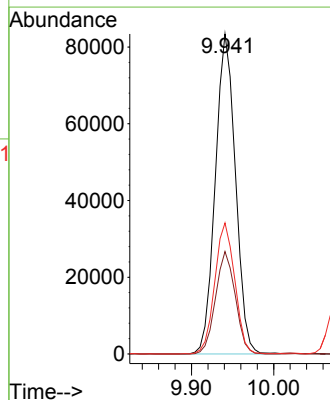
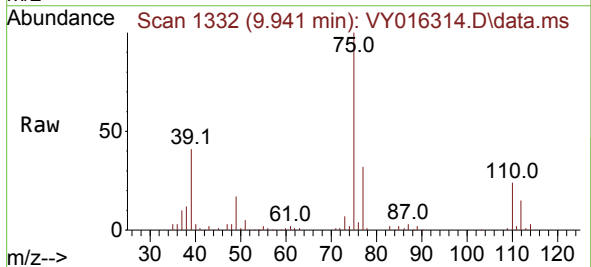
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

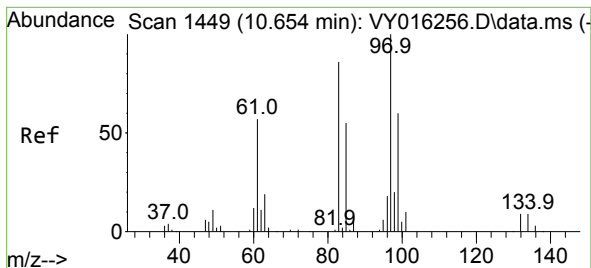
Tgt Ion: 75 Resp: 120754
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 53.506 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. -0.000 min
 Lab File: VY016314.D
 Acq: 10 Nov 2023 19:09

Tgt Ion: 75 Resp: 142223
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.2 36.4
 39 41.0 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 54.216 ug/l

RT: 10.660 min Scan# 1449

Delta R.T. 0.006 min

Lab File: VY016314.D

Acq: 10 Nov 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 66727

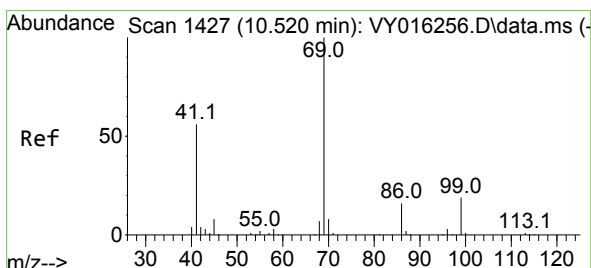
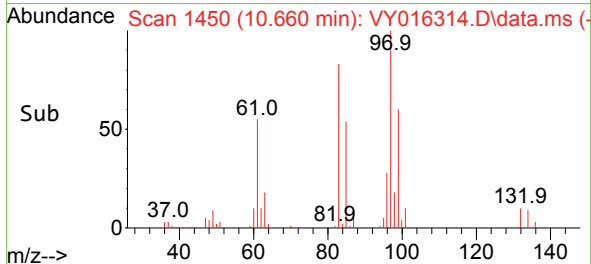
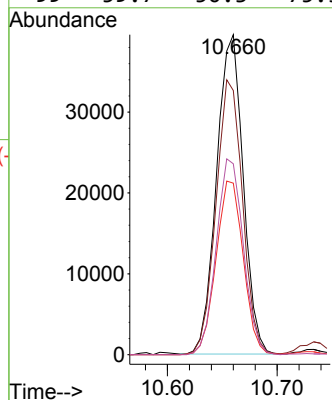
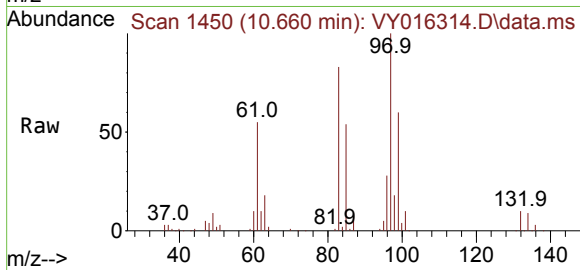
Ion Ratio Lower Upper

97 100

83 82.7 72.0 108.0

85 53.7 45.4 68.0

99 59.7 50.3 75.5



#56

Ethyl methacrylate

Concen: 54.790 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VY016314.D

Acq: 10 Nov 2023 19:09

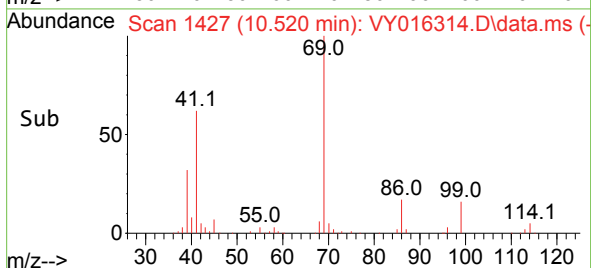
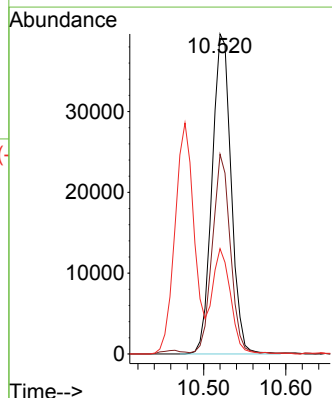
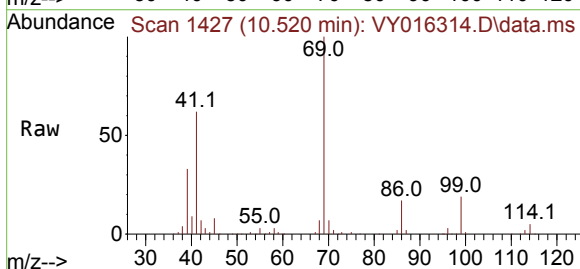
Tgt Ion: 69 Resp: 63655

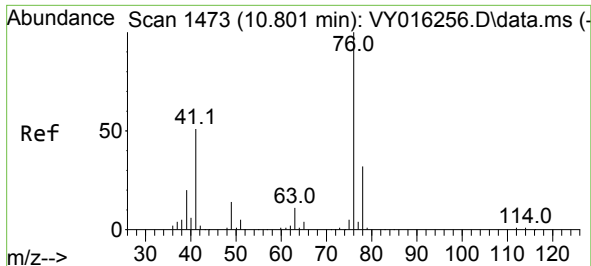
Ion Ratio Lower Upper

69 100

41 58.5 57.6 86.4

39 31.7 34.1 51.1#

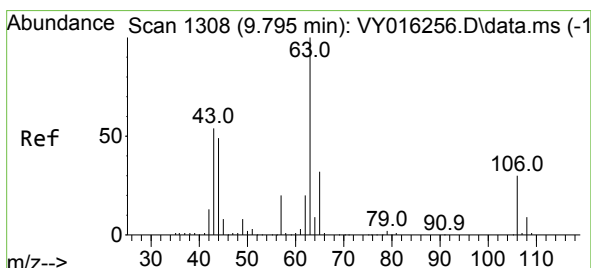
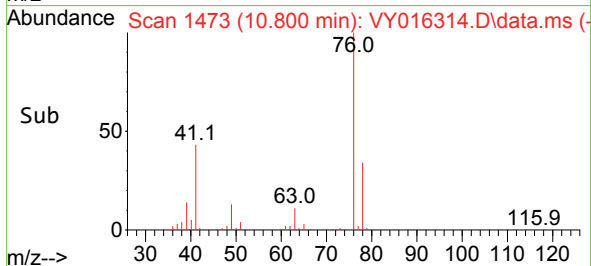
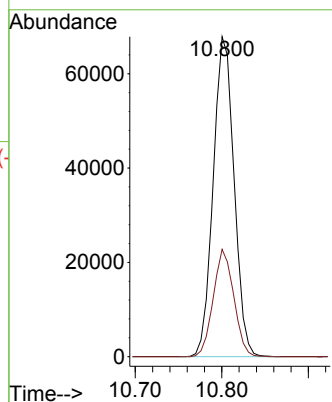
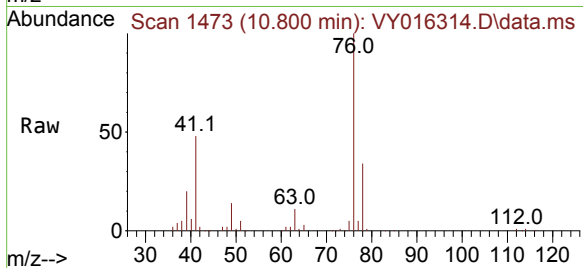




#57
1,3-Dichloropropane
Concen: 54.109 ug/l
RT: 10.800 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VY016314.D
Acq: 10 Nov 2023 19:09

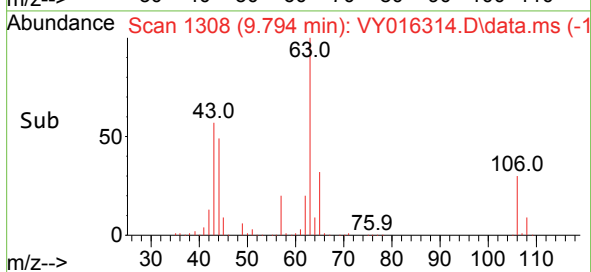
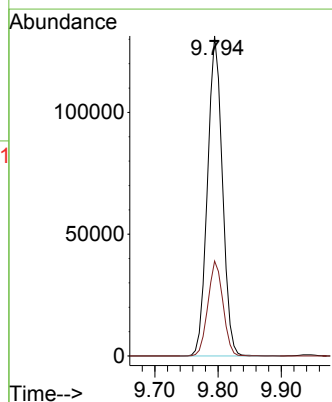
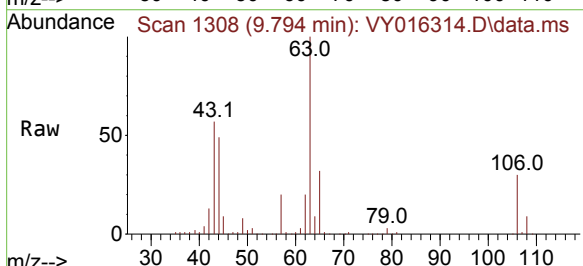
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

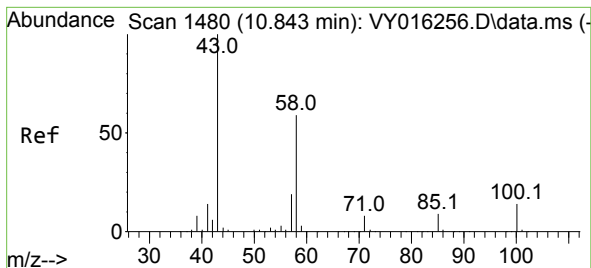
Tgt Ion: 76 Resp: 113516
Ion Ratio Lower Upper
76 100
78 33.0 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 273.184 ug/l
RT: 9.794 min Scan# 1308
Delta R.T. -0.000 min
Lab File: VY016314.D
Acq: 10 Nov 2023 19:09

Tgt Ion: 63 Resp: 215209
Ion Ratio Lower Upper
63 100
106 29.9 21.2 31.8

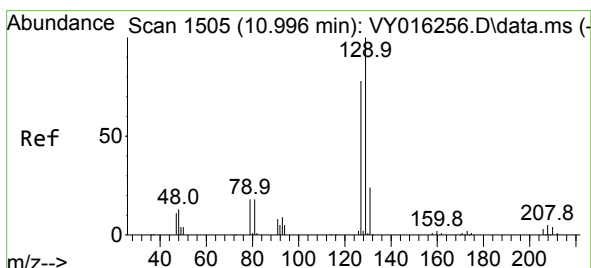
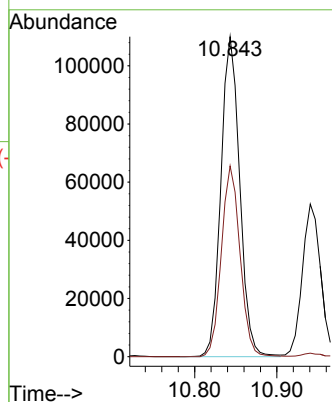
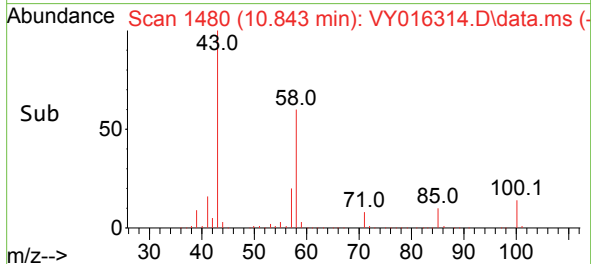
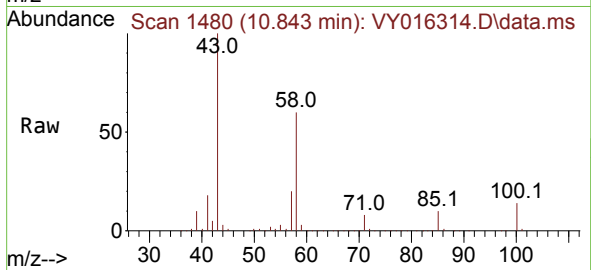




#59
2-Hexanone
Concen: 243.922 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. -0.000 min
Lab File: VY016314.D
Acq: 10 Nov 2023 19:09

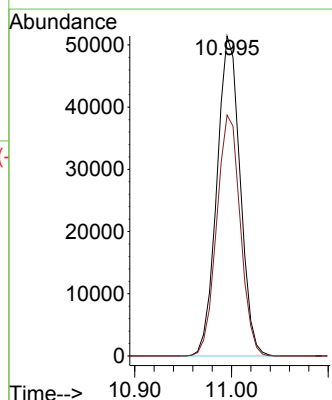
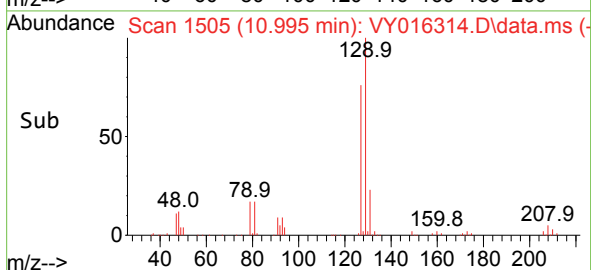
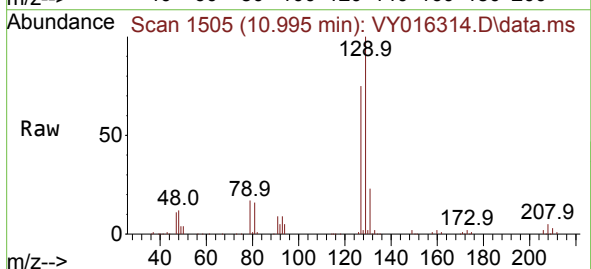
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

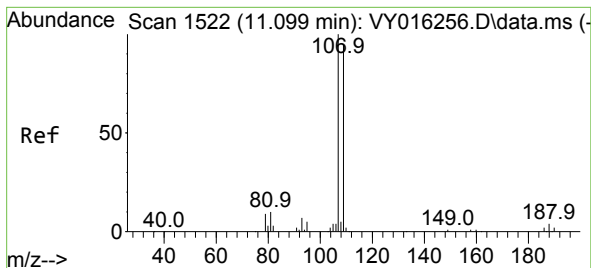
Tgt Ion: 43 Resp: 174996
Ion Ratio Lower Upper
43 100
58 59.3 25.1 75.3



#60
Dibromochloromethane
Concen: 55.615 ug/l
RT: 10.995 min Scan# 1505
Delta R.T. -0.000 min
Lab File: VY016314.D
Acq: 10 Nov 2023 19:09

Tgt Ion: 129 Resp: 85606
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 54.868 ug/l

RT: 11.105 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016314.D

Acq: 10 Nov 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

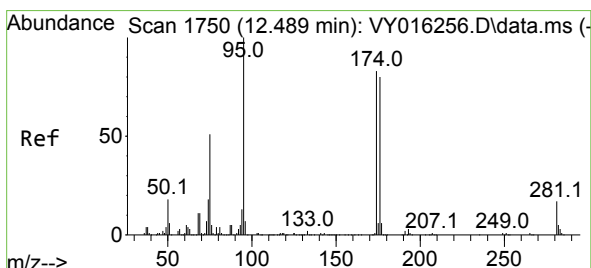
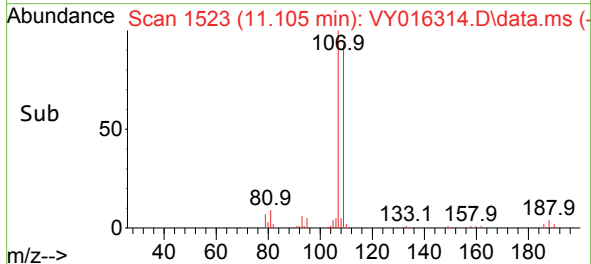
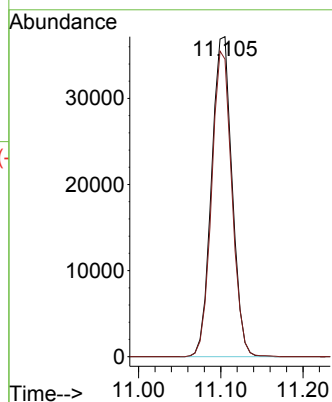
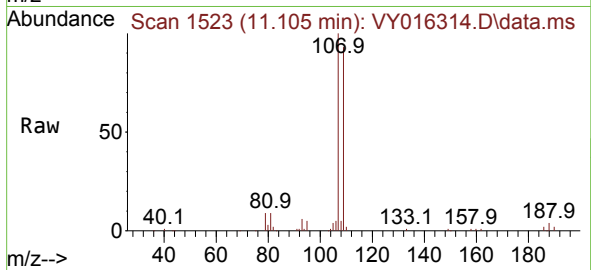
VSTDCCC050EC

Tgt Ion:107 Resp: 64335

Ion Ratio Lower Upper

107 100

109 94.0 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 52.748 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY016314.D

Acq: 10 Nov 2023 19:09

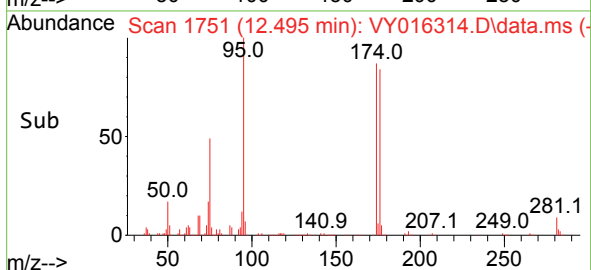
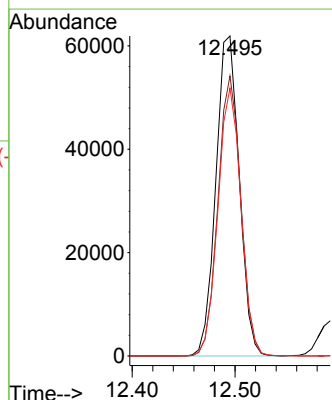
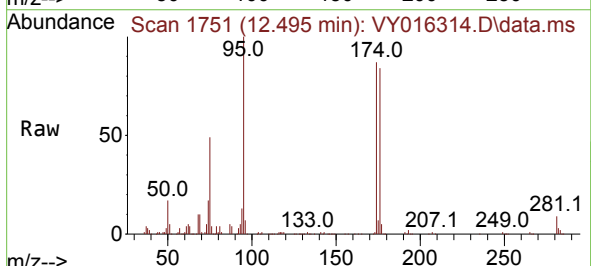
Tgt Ion: 95 Resp: 97710

Ion Ratio Lower Upper

95 100

174 85.7 0.0 178.2

176 82.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.501 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016314.D

Acq: 10 Nov 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

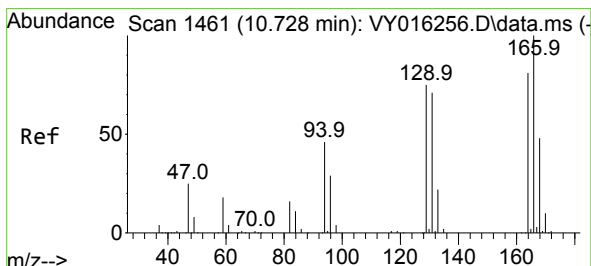
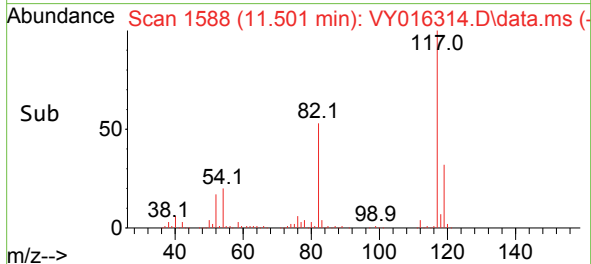
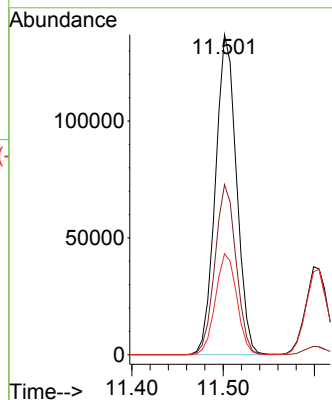
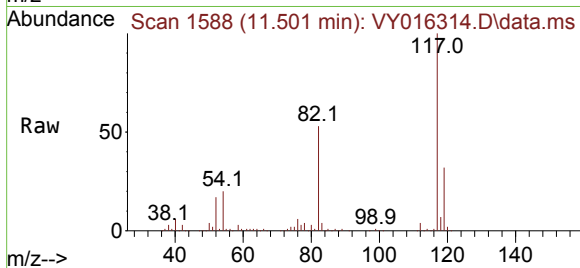
Tgt Ion:117 Resp: 219252

Ion Ratio Lower Upper

117 100

82 53.1 43.4 65.0

119 31.6 26.3 39.5



#64

Tetrachloroethene

Concen: 52.073 ug/l

RT: 10.733 min Scan# 1462

Delta R.T. 0.006 min

Lab File: VY016314.D

Acq: 10 Nov 2023 19:09

Tgt Ion:164 Resp: 102515

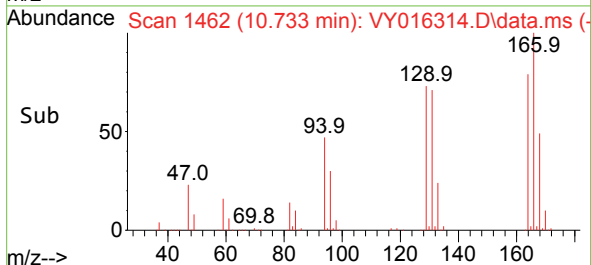
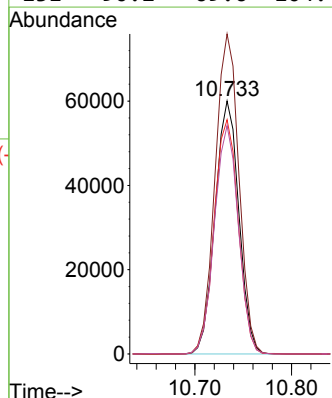
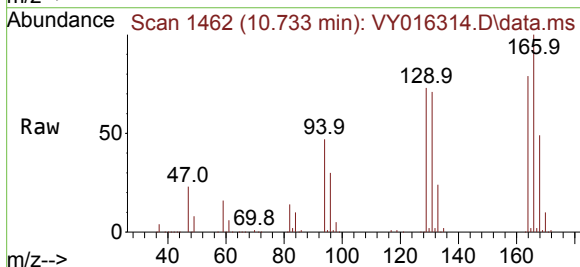
Ion Ratio Lower Upper

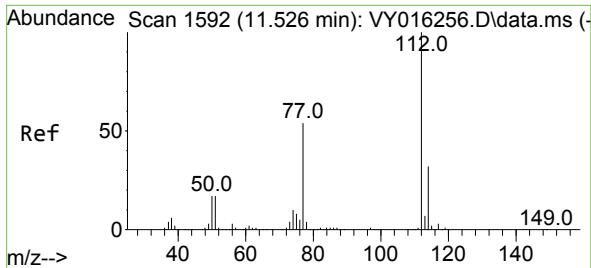
164 100

166 126.5 103.0 154.6

129 92.6 77.2 115.8

131 90.2 69.6 104.4

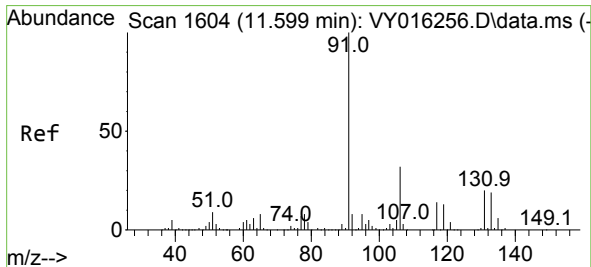
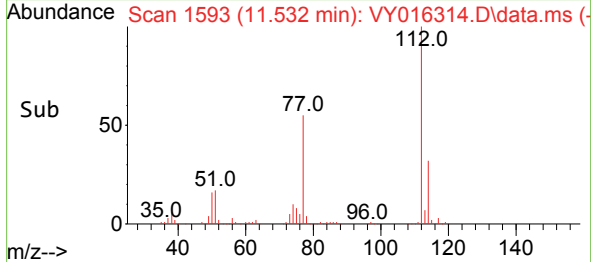
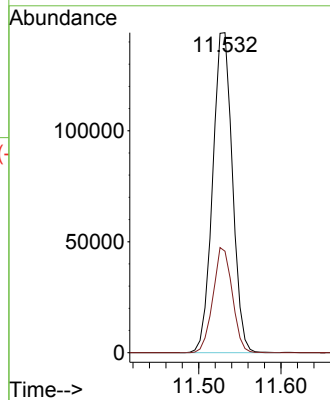
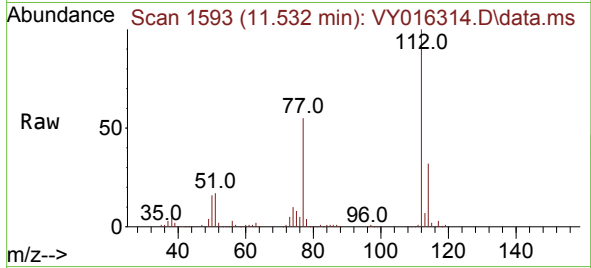




#65
Chlorobenzene
Concen: 51.392 ug/l
RT: 11.532 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016314.D
Acq: 10 Nov 2023 19:09

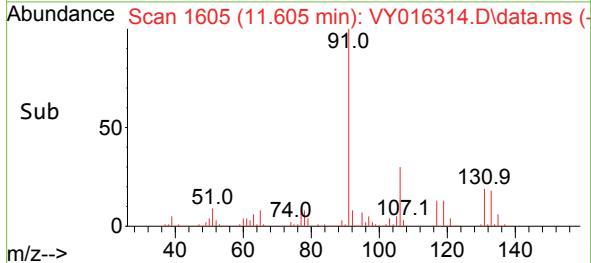
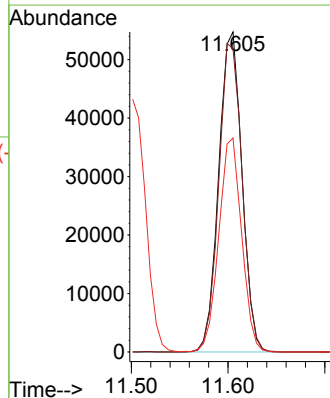
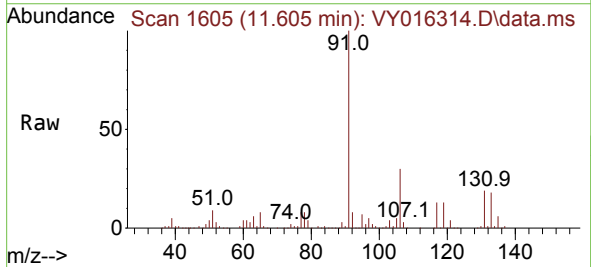
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

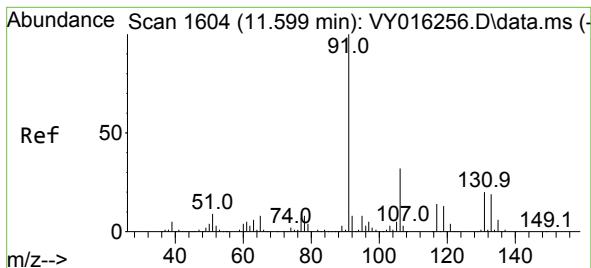
Tgt Ion:112 Resp: 240740
Ion Ratio Lower Upper
112 100
114 31.7 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 52.712 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY016314.D
Acq: 10 Nov 2023 19:09

Tgt Ion:131 Resp: 91073
Ion Ratio Lower Upper
131 100
133 97.2 47.5 142.6
119 65.9 31.6 94.7





#67

Ethyl Benzene

Concen: 51.090 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY016314.D

Acq: 10 Nov 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

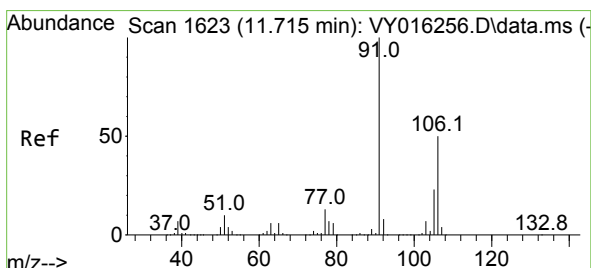
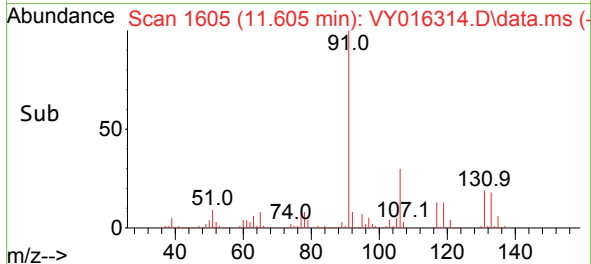
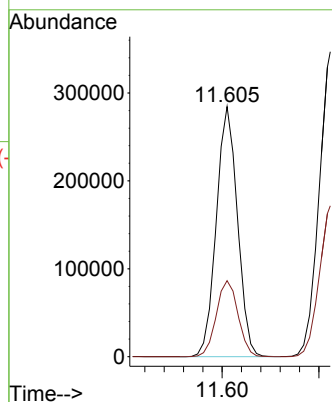
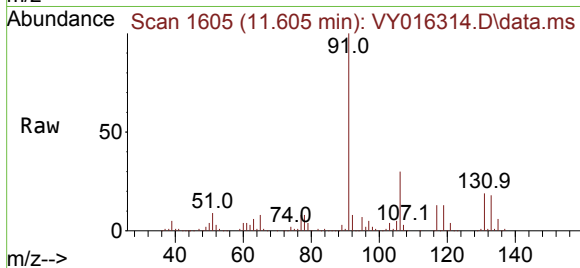
VSTDCCC050EC

Tgt Ion: 91 Resp: 430109

Ion Ratio Lower Upper

91 100

106 30.4 24.6 36.8



#68

m/p-Xylenes

Concen: 102.072 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. -0.000 min

Lab File: VY016314.D

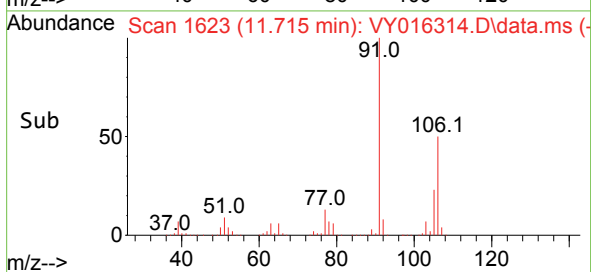
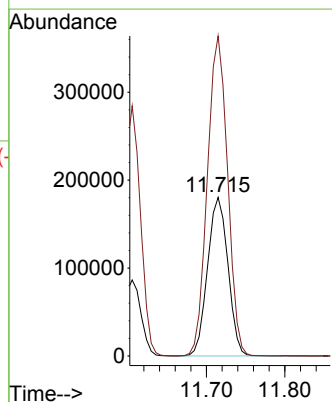
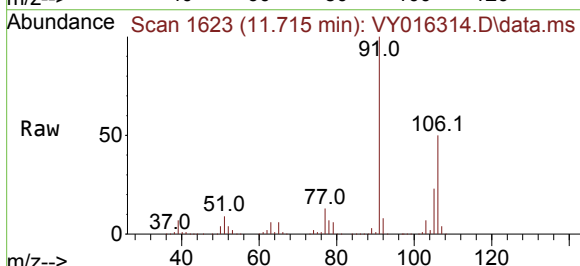
Acq: 10 Nov 2023 19:09

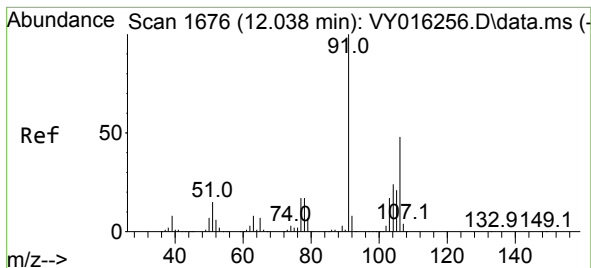
Tgt Ion:106 Resp: 325925

Ion Ratio Lower Upper

106 100

91 199.9 166.1 249.1





#69

o-Xylene

Concen: 52.124 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016314.D

Acq: 10 Nov 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

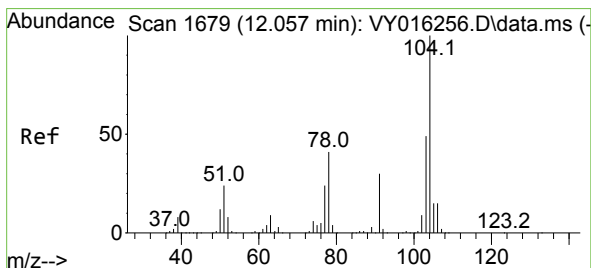
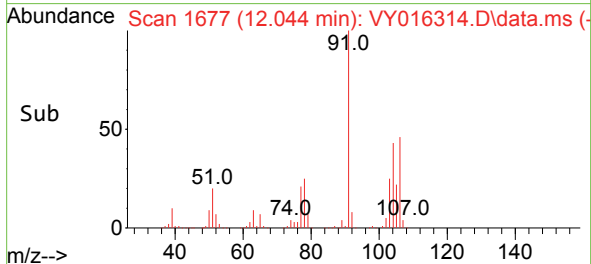
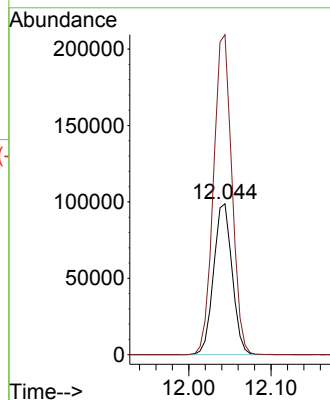
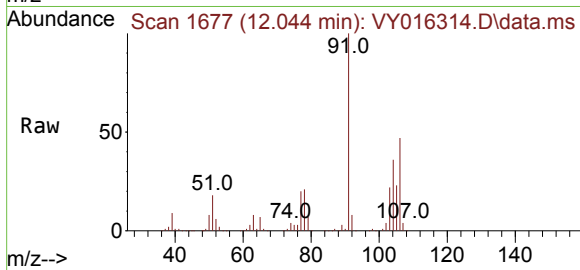
VSTDCCC050EC

Tgt Ion:106 Resp: 154531

Ion Ratio Lower Upper

106 100

91 211.3 108.1 324.3



#70

Styrene

Concen: 53.538 ug/l

RT: 12.056 min Scan# 1679

Delta R.T. -0.000 min

Lab File: VY016314.D

Acq: 10 Nov 2023 19:09

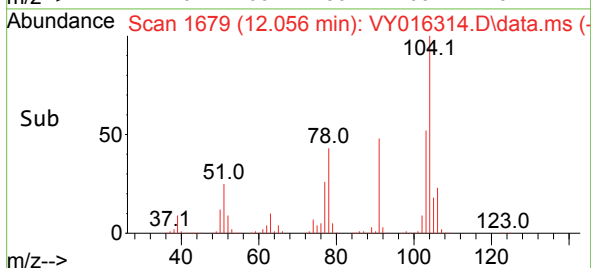
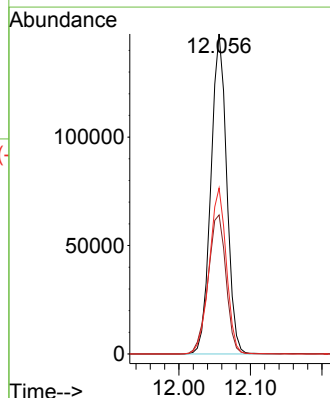
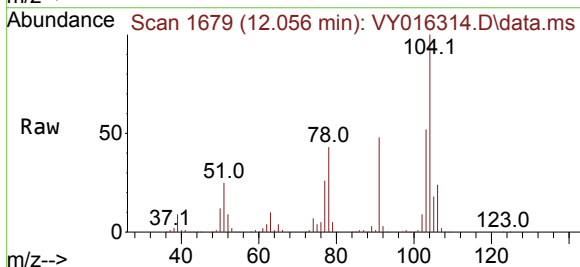
Tgt Ion:104 Resp: 227272

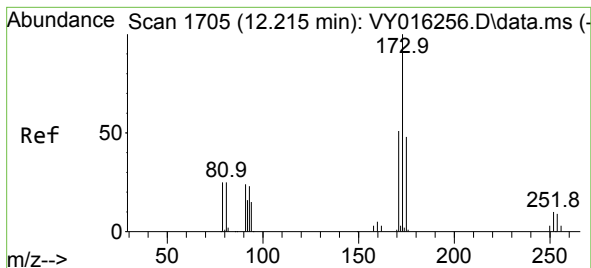
Ion Ratio Lower Upper

104 100

78 49.4 41.5 62.3

103 55.6 44.6 67.0





#71

Bromoform

Concen: 53.853 ug/l

RT: 12.221 min Scan# 1705

Delta R.T. 0.006 min

Lab File: VY016314.D

Acq: 10 Nov 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

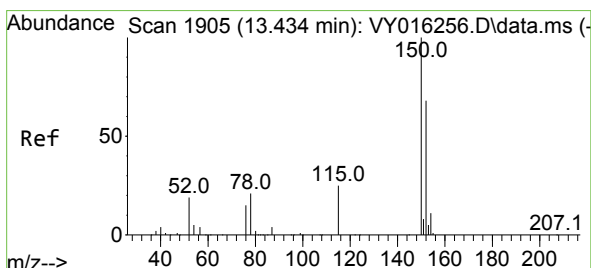
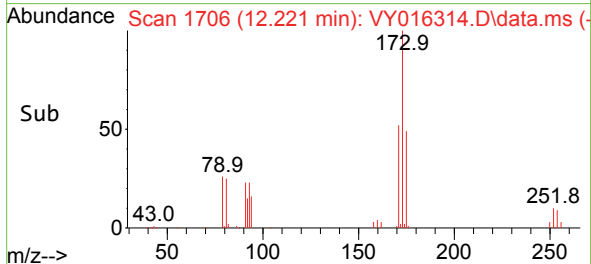
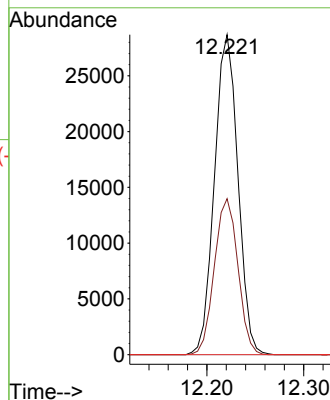
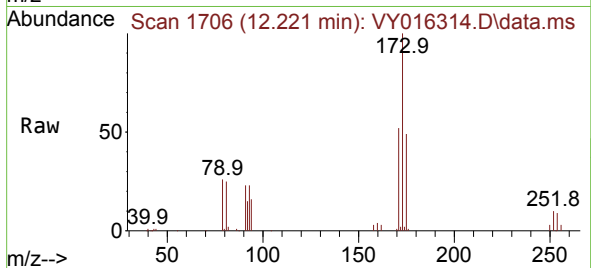
Tgt Ion:173 Resp: 48280

Ion Ratio Lower Upper

173 100

175 49.0 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY016314.D

Acq: 10 Nov 2023 19:09

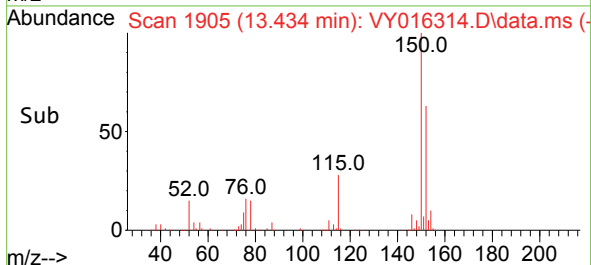
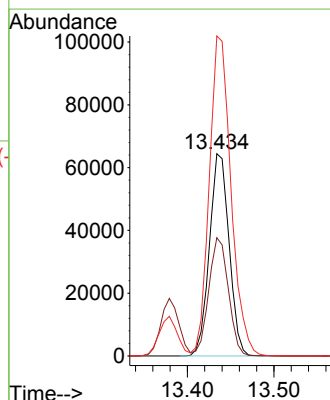
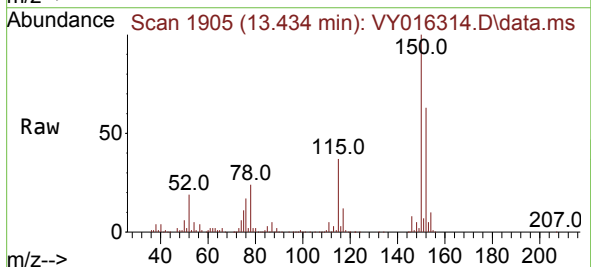
Tgt Ion:152 Resp: 101679

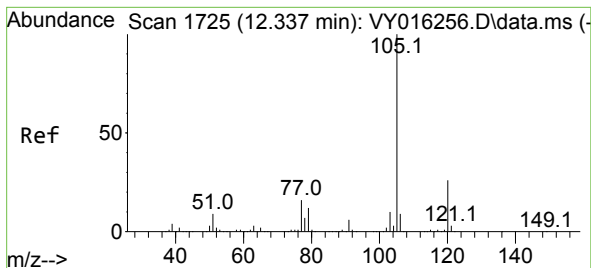
Ion Ratio Lower Upper

152 100

115 58.4 28.8 86.5

150 174.6 0.0 348.8





#73

Isopropylbenzene

Concen: 49.552 ug/l

RT: 12.343 min Scan# 1726

Delta R.T. 0.006 min

Lab File: VY016314.D

Acq: 10 Nov 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

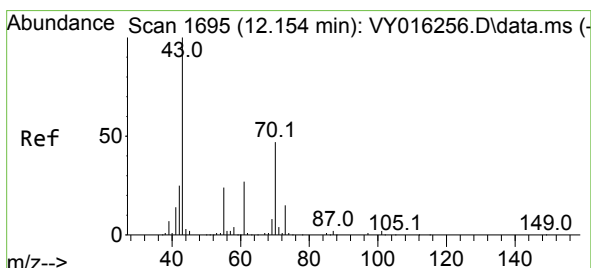
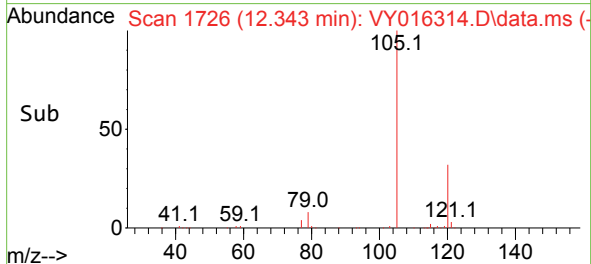
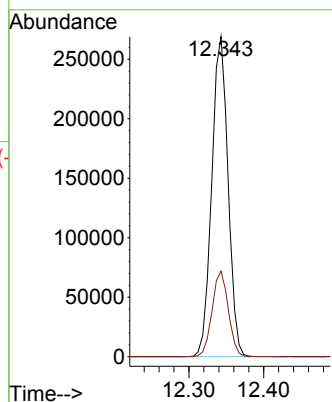
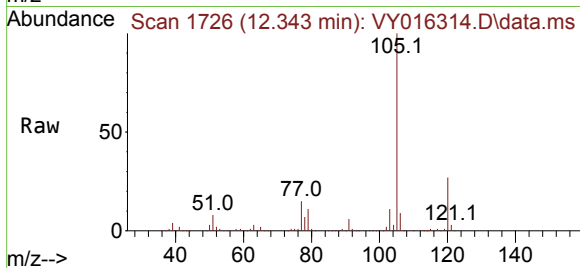
VSTDCCC050EC

Tgt Ion:105 Resp: 407999

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.9



#74

N-ethyl acetate

Concen: 49.901 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VY016314.D

Acq: 10 Nov 2023 19:09

Tgt Ion: 43 Resp: 82530

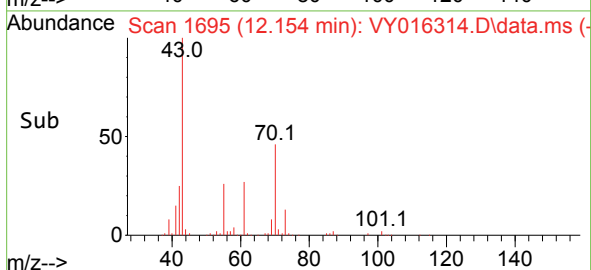
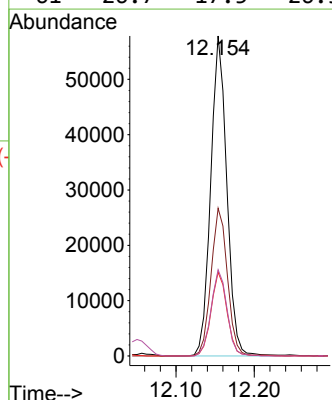
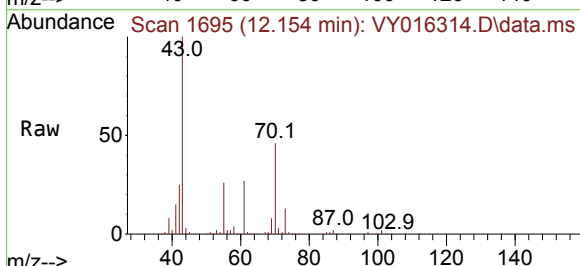
Ion Ratio Lower Upper

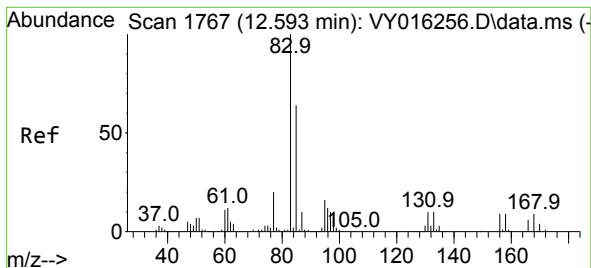
43 100

70 47.1 29.7 44.5#

55 26.0 18.3 27.5

61 26.7 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 51.387 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. -0.000 min

Lab File: VY016314.D

Acq: 10 Nov 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

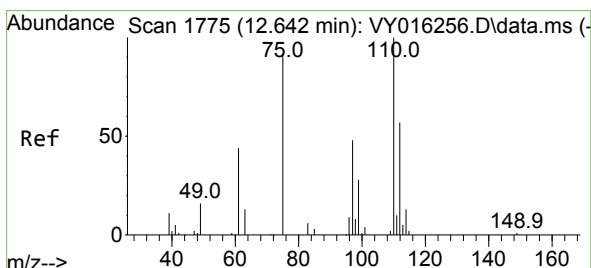
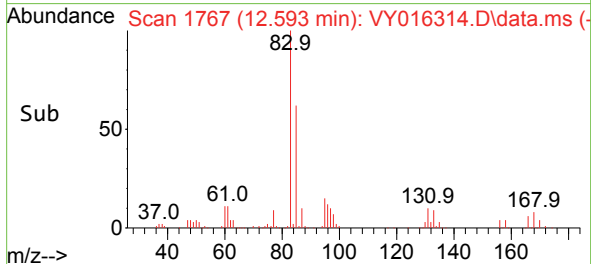
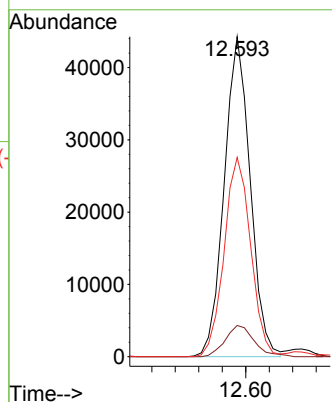
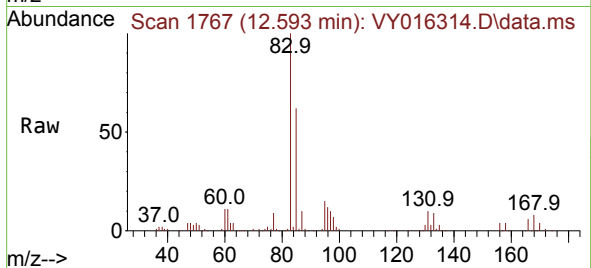
Tgt Ion: 83 Resp: 67894

Ion Ratio Lower Upper

83 100

131 10.9 5.4 16.2

85 63.7 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 93.168 ug/l

RT: 12.641 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VY016314.D

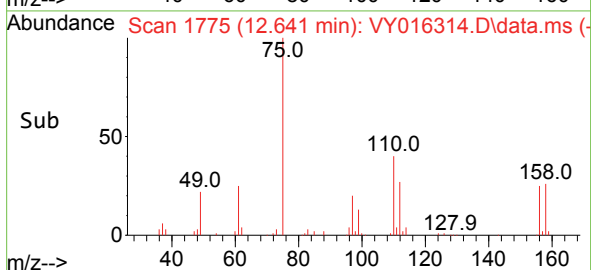
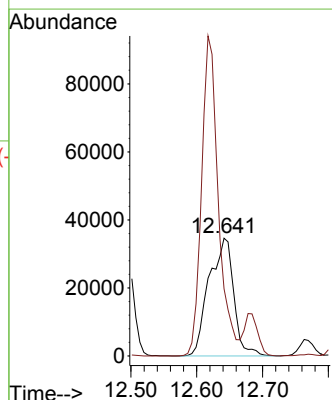
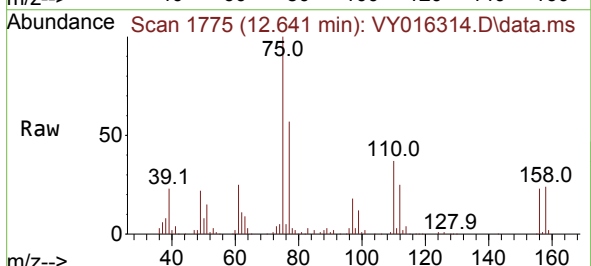
Acq: 10 Nov 2023 19:09

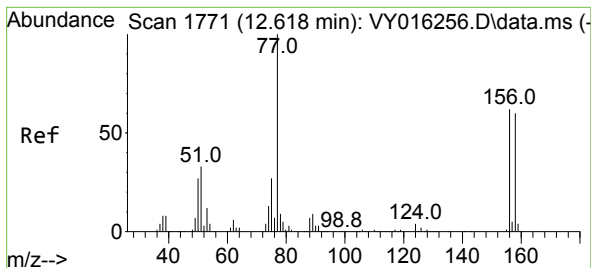
Tgt Ion: 75 Resp: 90876

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.265 ug/l

RT: 12.623 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VY016314.D

Acq: 10 Nov 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

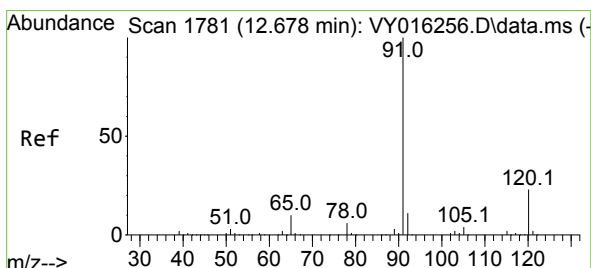
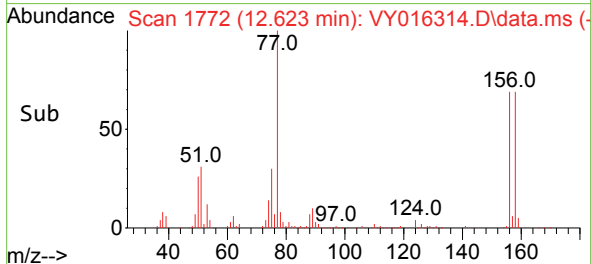
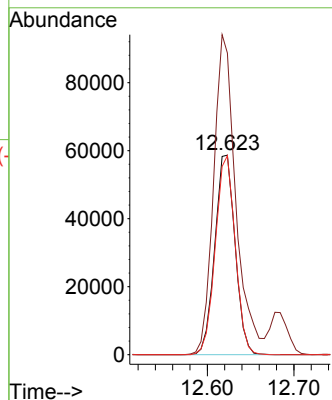
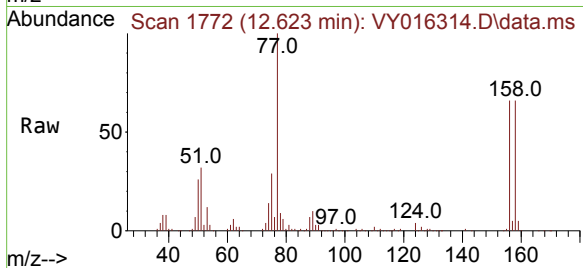
Tgt Ion:156 Resp: 95400

Ion Ratio Lower Upper

156 100

77 176.1 92.8 278.6

158 97.6 48.4 145.3



#78

n-propylbenzene

Concen: 48.903 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.006 min

Lab File: VY016314.D

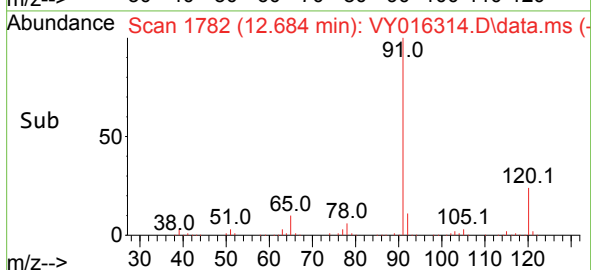
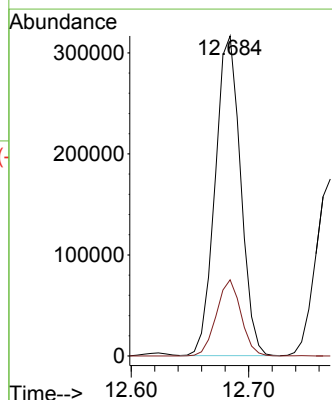
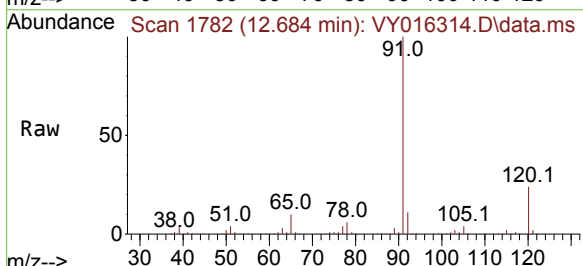
Acq: 10 Nov 2023 19:09

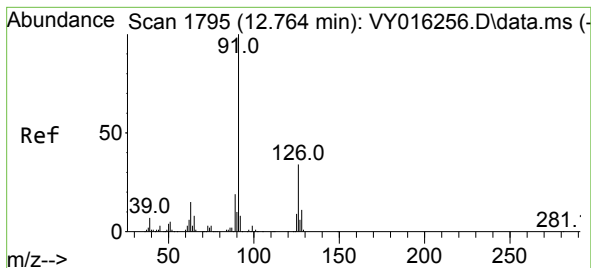
Tgt Ion: 91 Resp: 475850

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 50.231 ug/l

RT: 12.770 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016314.D

Acq: 10 Nov 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

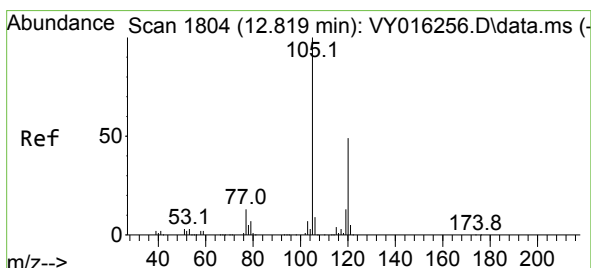
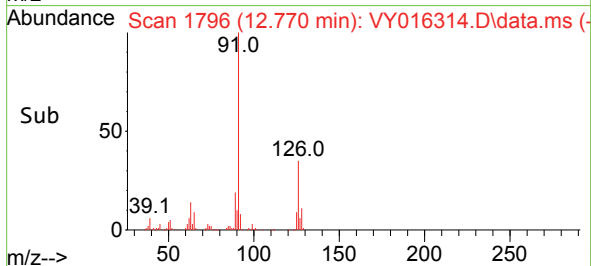
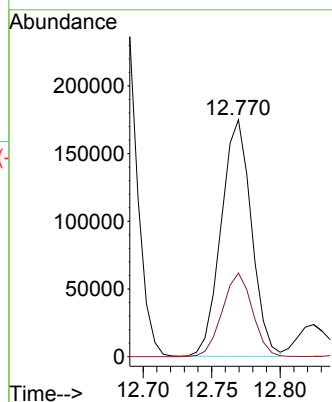
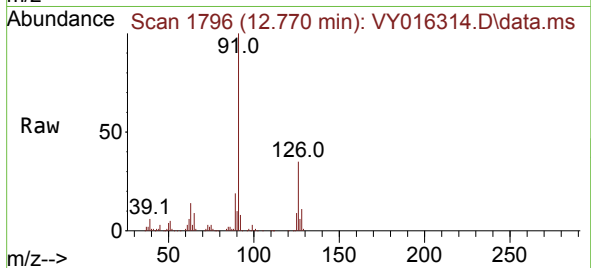
VSTDCCC050EC

Tgt Ion: 91 Resp: 269364

Ion Ratio Lower Upper

91 100

126 35.1 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 49.797 ug/l

RT: 12.824 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VY016314.D

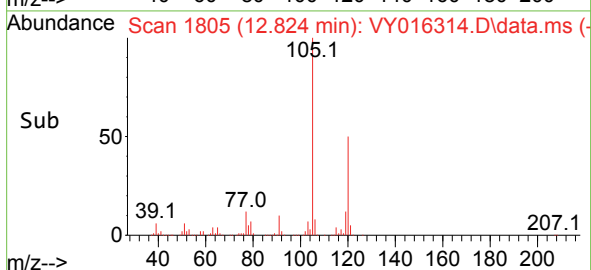
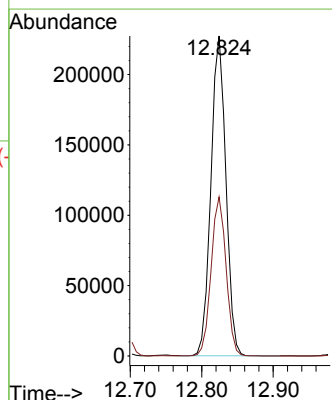
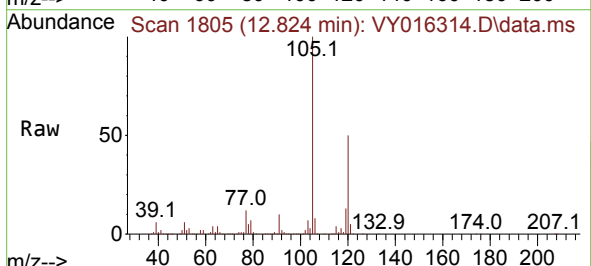
Acq: 10 Nov 2023 19:09

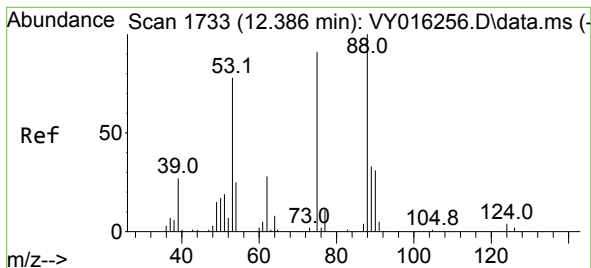
Tgt Ion: 105 Resp: 330577

Ion Ratio Lower Upper

105 100

120 49.8 23.9 71.7

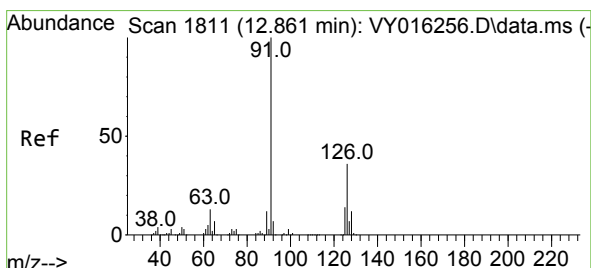
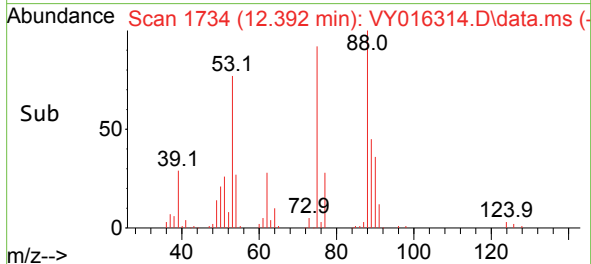
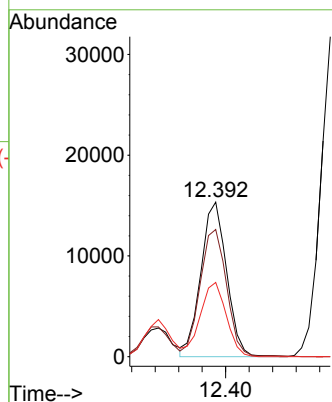
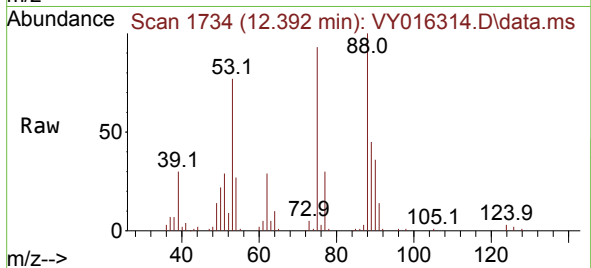




#81
trans-1,4-Dichloro-2-butene
Concen: 52.048 ug/l
RT: 12.392 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016314.D
Acq: 10 Nov 2023 19:09

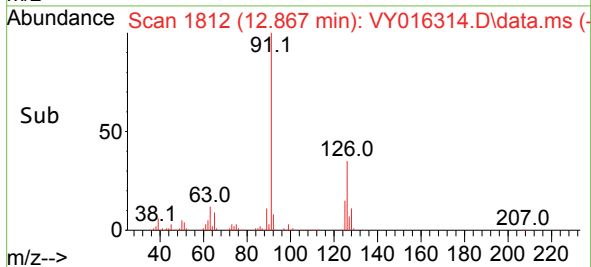
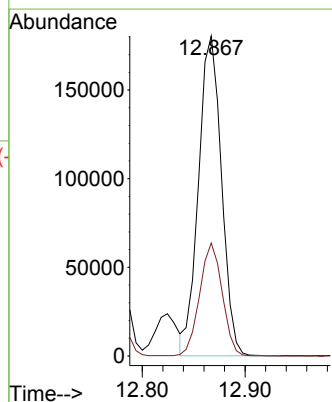
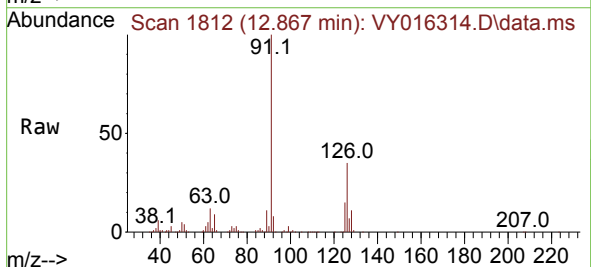
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

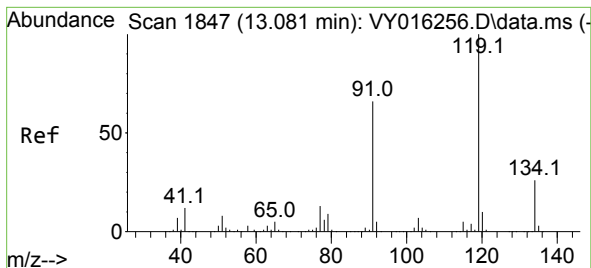
Tgt Ion: 75 Resp: 23389
Ion Ratio Lower Upper
75 100
53 85.2 77.8 116.8
89 48.7 37.4 56.0



#82
4-Chlorotoluene
Concen: 50.540 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016314.D
Acq: 10 Nov 2023 19:09

Tgt Ion: 91 Resp: 280049
Ion Ratio Lower Upper
91 100
126 34.8 17.2 51.6

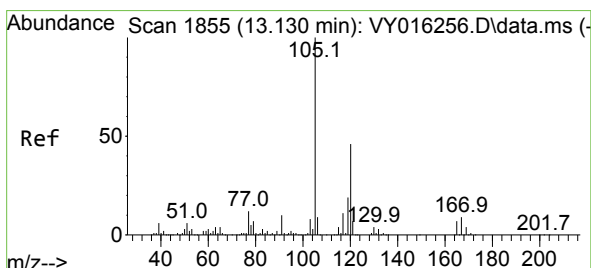
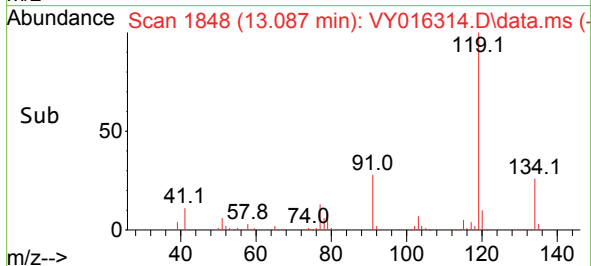
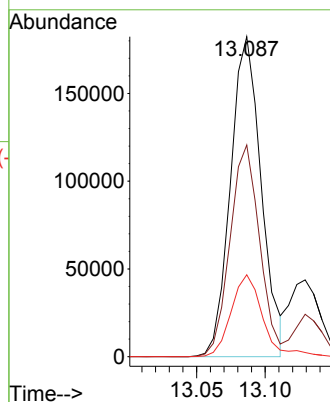
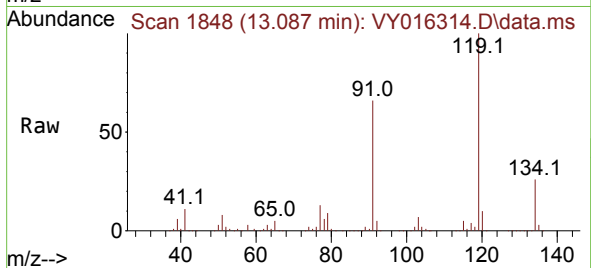




#83
tert-Butylbenzene
Concen: 48.696 ug/l
RT: 13.087 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VY016314.D
Acq: 10 Nov 2023 19:09

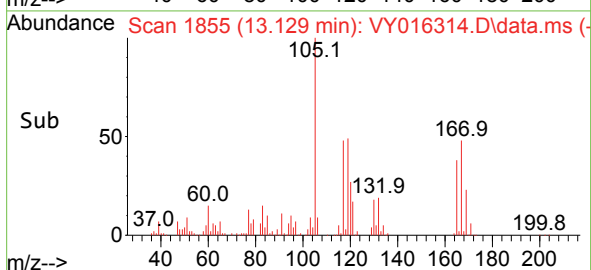
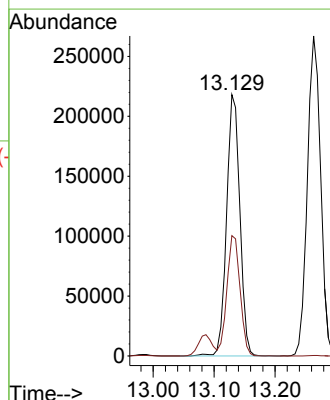
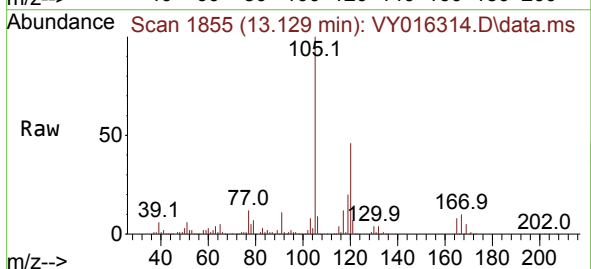
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

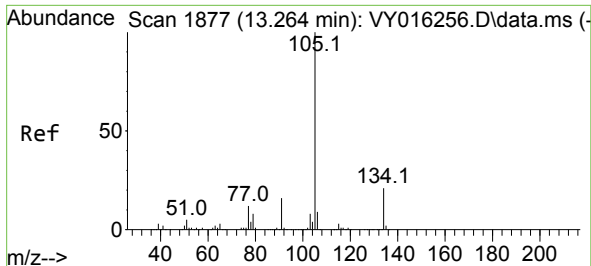
Tgt Ion:119 Resp: 284734
Ion Ratio Lower Upper
119 100
91 63.6 32.9 98.6
134 26.3 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 50.396 ug/l
RT: 13.129 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VY016314.D
Acq: 10 Nov 2023 19:09

Tgt Ion:105 Resp: 329419
Ion Ratio Lower Upper
105 100
120 45.8 22.2 66.6

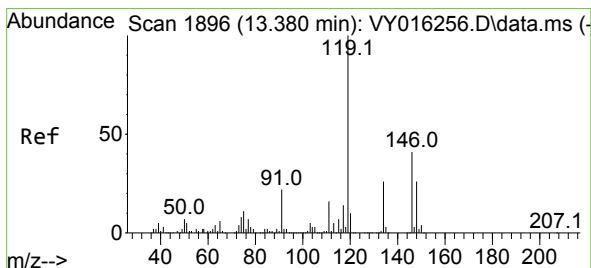
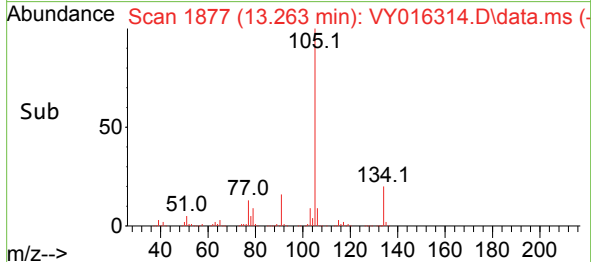
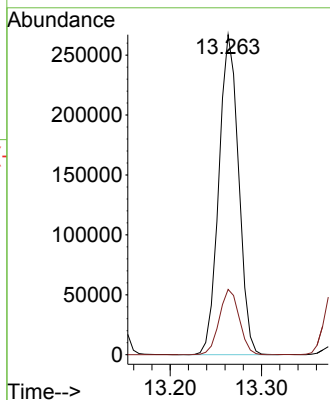
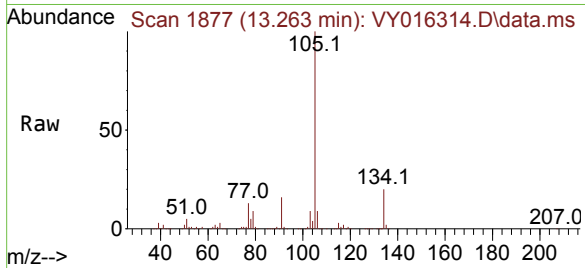




#85
 sec-Butylbenzene
 Concen: 48.200 ug/l
 RT: 13.263 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VY016314.D
 Acq: 10 Nov 2023 19:09

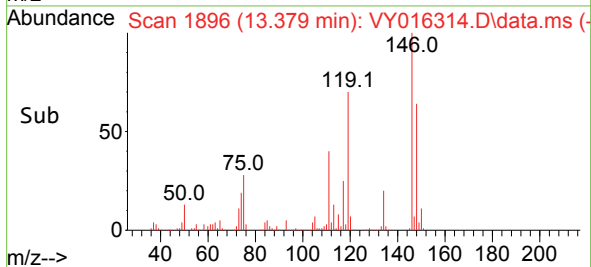
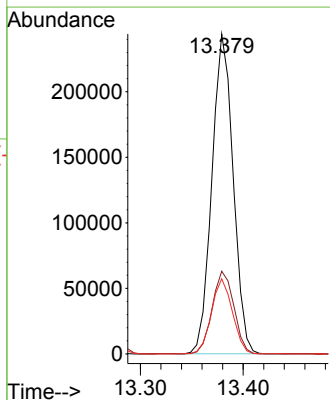
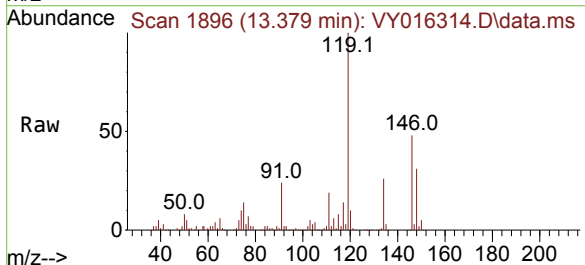
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

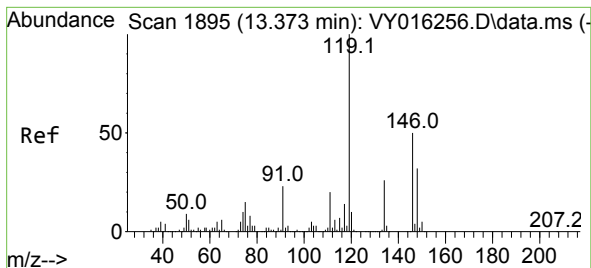
Tgt Ion:105 Resp: 402642
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 48.694 ug/l
 RT: 13.379 min Scan# 1896
 Delta R.T. -0.000 min
 Lab File: VY016314.D
 Acq: 10 Nov 2023 19:09

Tgt Ion:119 Resp: 350259
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 23.1 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 50.247 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016314.D

Acq: 10 Nov 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

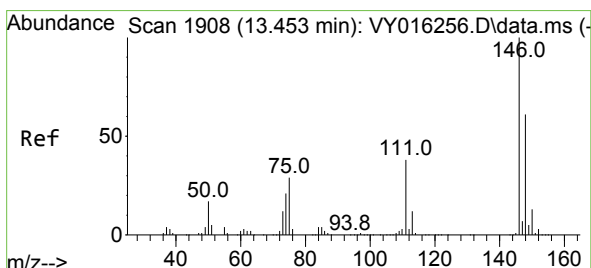
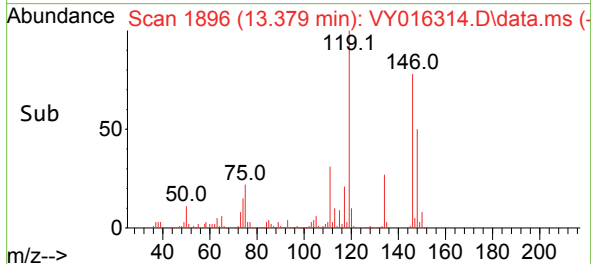
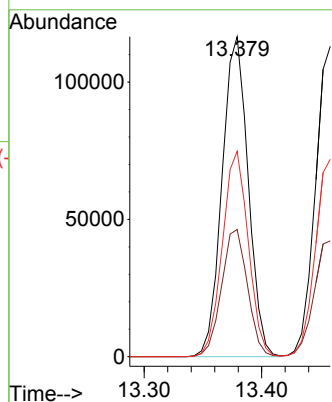
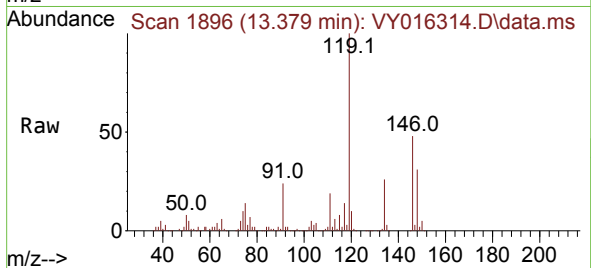
Tgt Ion:146 Resp: 179895

Ion Ratio Lower Upper

146 100

111 39.7 19.4 58.2

148 63.7 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 50.339 ug/l

RT: 13.458 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY016314.D

Acq: 10 Nov 2023 19:09

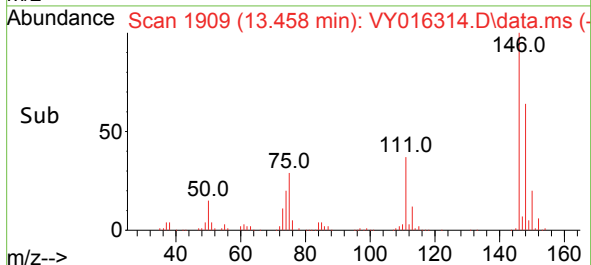
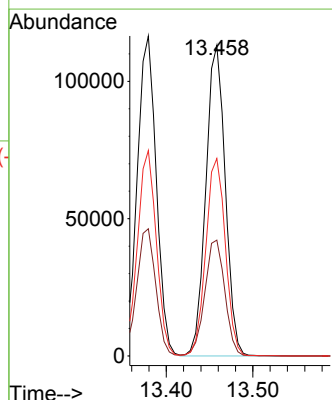
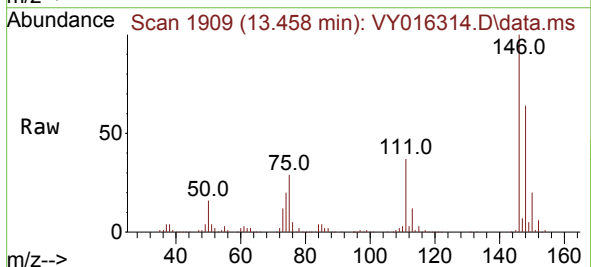
Tgt Ion:146 Resp: 176132

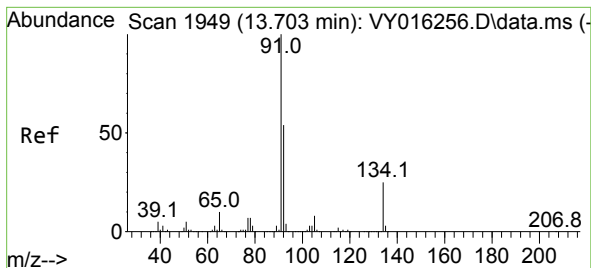
Ion Ratio Lower Upper

146 100

111 38.5 18.9 56.7

148 64.3 32.1 96.5





#89

n-Butylbenzene

Concen: 47.555 ug/l

RT: 13.708 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY016314.D

Acq: 10 Nov 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

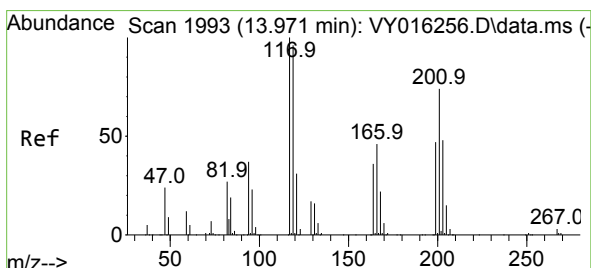
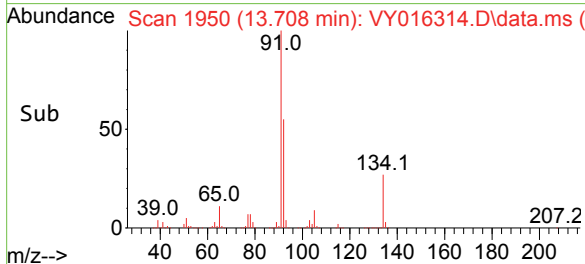
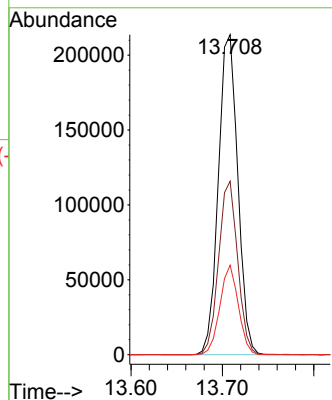
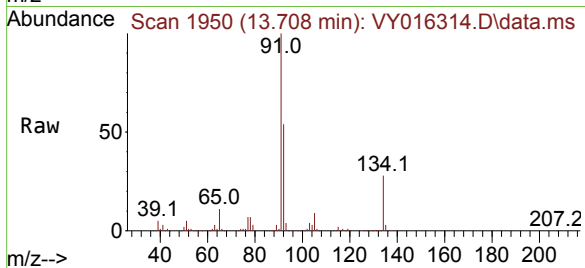
Tgt Ion: 91 Resp: 315899

Ion Ratio Lower Upper

91 100

92 53.3 25.4 76.0

134 26.6 12.6 37.6



#90

Hexachloroethane

Concen: 48.959 ug/l

RT: 13.970 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VY016314.D

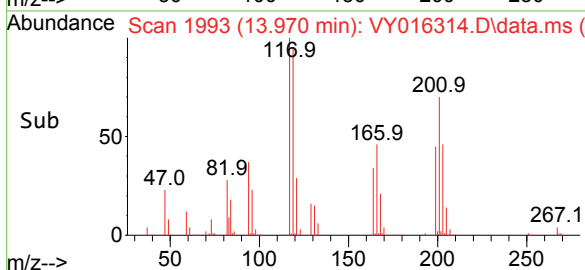
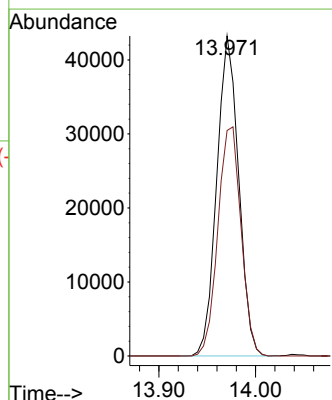
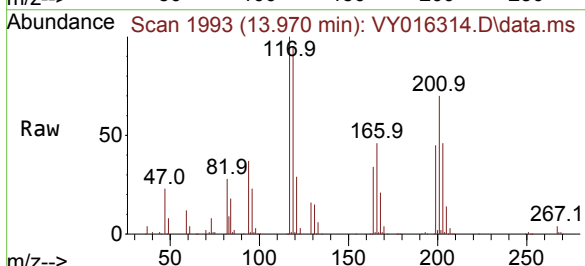
Acq: 10 Nov 2023 19:09

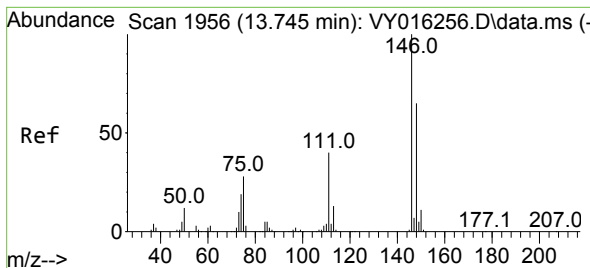
Tgt Ion: 117 Resp: 67933

Ion Ratio Lower Upper

117 100

201 75.8 41.6 124.8

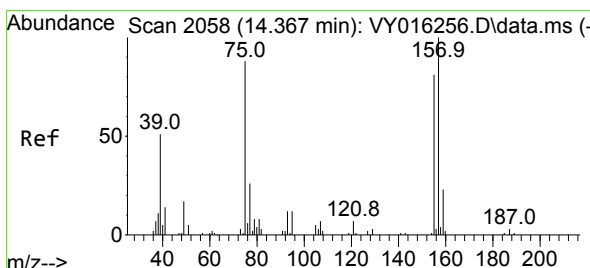
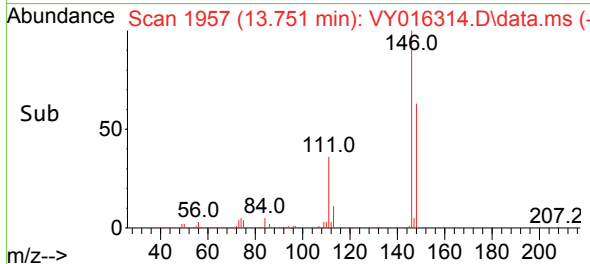
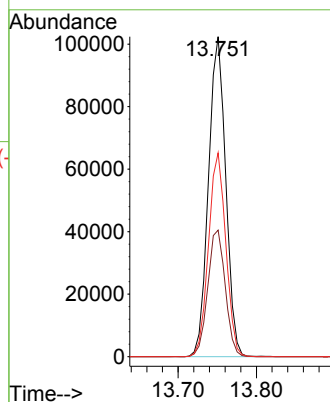
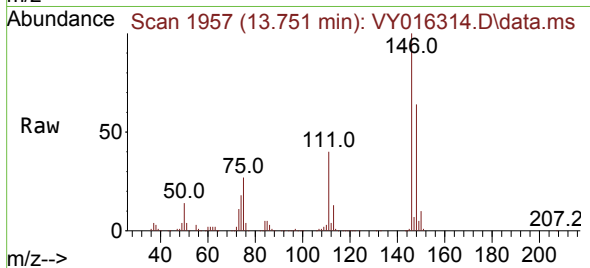




#91
1,2-Dichlorobenzene
Concen: 50.953 ug/l
RT: 13.751 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VY016314.D
Acq: 10 Nov 2023 19:09

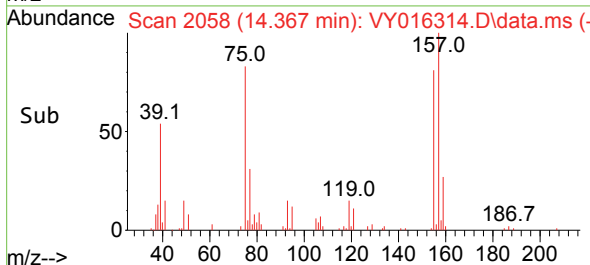
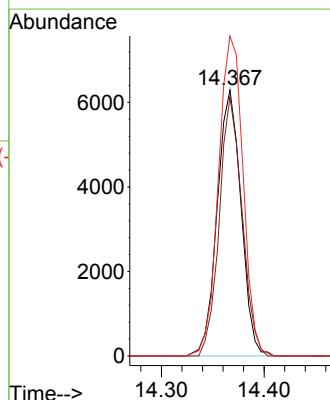
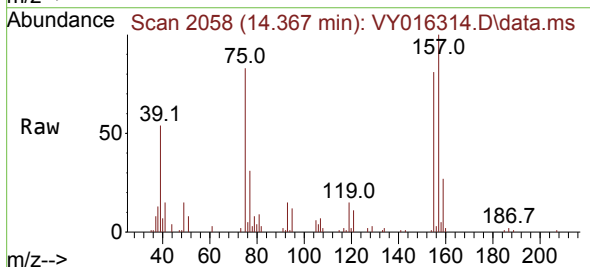
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MSVOA_Y
ClientSampleId :
VSTDCCC050EC

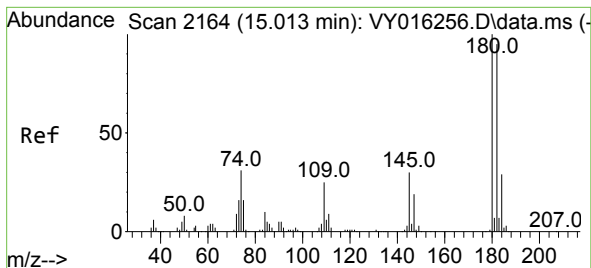
Tgt Ion:146 Resp: 156317
Ion Ratio Lower Upper
146 100
111 40.2 19.7 59.0
148 63.9 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.095 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VY016314.D
Acq: 10 Nov 2023 19:09

Tgt Ion: 75 Resp: 10110
Ion Ratio Lower Upper
75 100
155 92.6 41.5 124.6
157 124.1 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 48.857 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY016314.D

Acq: 10 Nov 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

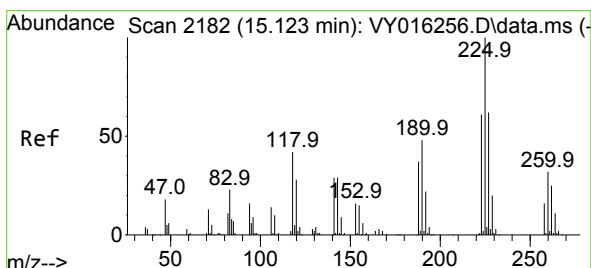
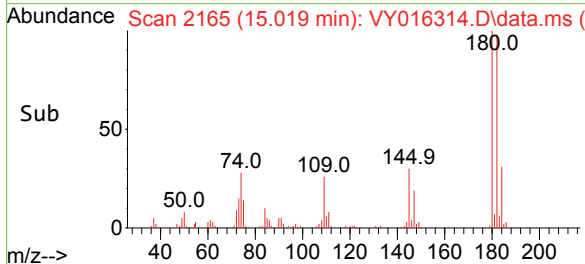
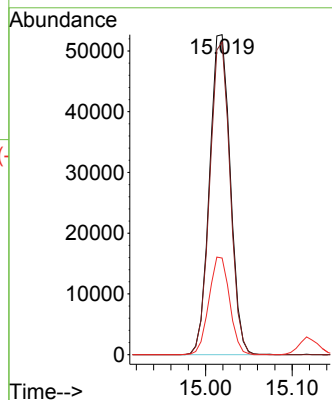
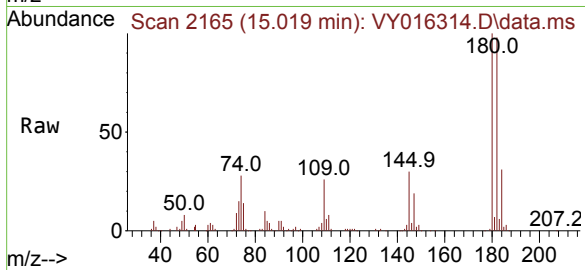
Tgt Ion:180 Resp: 87489

Ion Ratio Lower Upper

180 100

182 95.6 47.0 141.2

145 30.5 14.5 43.5



#94

Hexachlorobutadiene

Concen: 45.542 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY016314.D

Acq: 10 Nov 2023 19:09

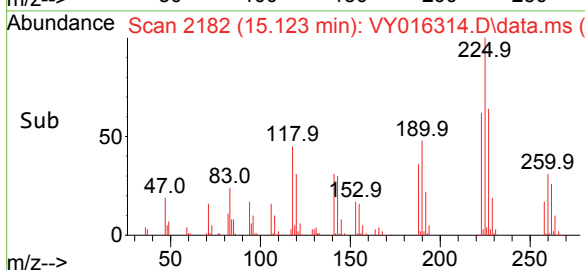
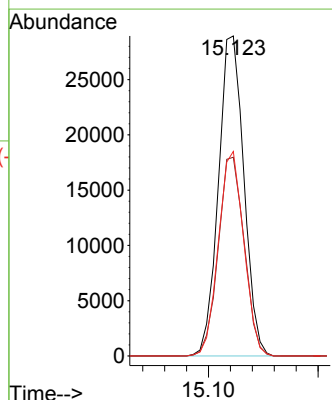
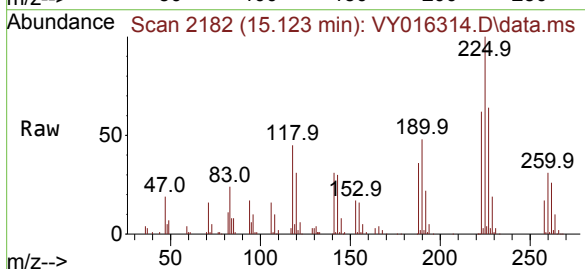
Tgt Ion:225 Resp: 46723

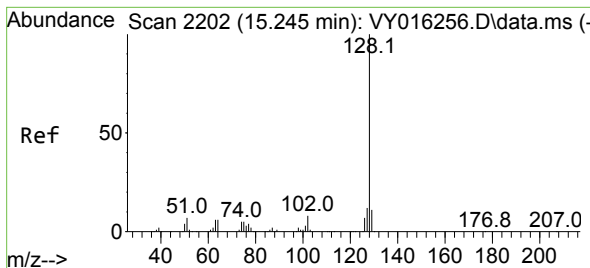
Ion Ratio Lower Upper

225 100

223 63.2 31.9 95.9

227 63.5 33.0 98.9





#95

Naphthalene

Concen: 51.821 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY016314.D

Acq: 10 Nov 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

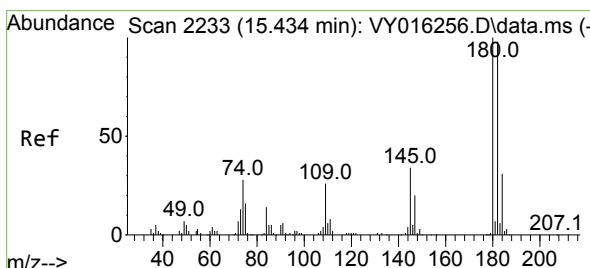
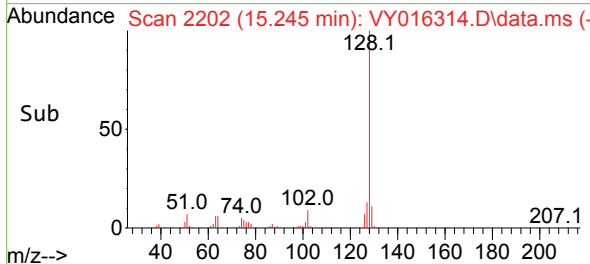
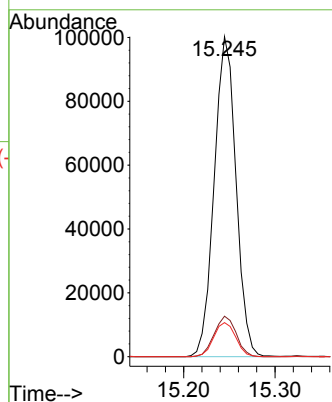
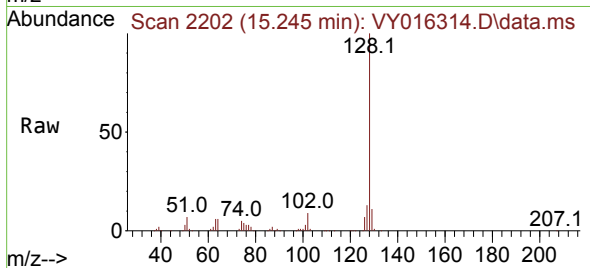
Tgt Ion:128 Resp: 165969

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 49.268 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY016314.D

Acq: 10 Nov 2023 19:09

Tgt Ion:180 Resp: 72973

Ion Ratio Lower Upper

180 100

182 96.6 47.3 141.8

145 31.8 15.4 46.2

