

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092623\
 Data File : VY015705.D
 Acq On : 26 Sep 2023 09:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 27 01:29:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	155960	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.691	114	256026	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	232052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	120442	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	75335	43.902	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.800%
35) Dibromofluoromethane	7.722	113	72892	47.567	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.140%
50) Toluene-d8	10.185	98	230112	44.288	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.580%
62) 4-Bromofluorobenzene	12.483	95	94451	46.322	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.640%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	48481	47.159	ug/l	97
3) Chloromethane	2.113	50	60471	46.626	ug/l	99
4) Vinyl Chloride	2.253	62	71964	48.530	ug/l	97
5) Bromomethane	2.656	94	51920	40.338	ug/l	99
6) Chloroethane	2.796	64	50907	46.317	ug/l	90
7) Trichlorofluoromethane	3.125	101	122553	49.280	ug/l	97
8) Diethyl Ether	3.540	74	49770	46.930	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.900	101	75612	48.560	ug/l	96
10) Methyl Iodide	4.095	142	79861	43.964	ug/l	96
11) Tert butyl alcohol	5.003	59	105901	300.336	ug/l #	87
12) 1,1-Dichloroethene	3.875	96	65984	48.090	ug/l	91
13) Acrolein	3.741	56	61613	234.447	ug/l	98
14) Allyl chloride	4.485	41	118123	47.086	ug/l	93
15) Acrylonitrile	5.180	53	190784	245.230	ug/l	98
16) Acetone	3.973	43	288543	314.206	ug/l	91
17) Carbon Disulfide	4.198	76	125279	47.000	ug/l	99
18) Methyl Acetate	4.491	43	158094	51.310	ug/l	95
19) Methyl tert-butyl Ether	5.235	73	267962	47.951	ug/l	100
20) Methylene Chloride	4.723	84	99480	49.407	ug/l	92
21) trans-1,2-Dichloroethene	5.229	96	74676	47.616	ug/l	96
22) Diisopropyl ether	6.125	45	285896	47.355	ug/l	96
23) Vinyl Acetate	6.070	43	882100	236.713	ug/l	95
24) 1,1-Dichloroethane	6.027	63	154605	46.982	ug/l	95
25) 2-Butanone	6.997	43	357003	275.037	ug/l	97
26) 2,2-Dichloropropane	6.984	77	137409	45.686	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	96138	46.175	ug/l	97
28) Bromochloromethane	7.332	49	38703	43.350	ug/l	98
29) Tetrahydrofuran	7.362	42	188430	256.838	ug/l	95
30) Chloroform	7.509	83	165522	46.969	ug/l	96
31) Cyclohexane	7.789	56	107610	45.268	ug/l	95
32) 1,1,1-Trichloroethane	7.710	97	139587	47.981	ug/l	99
36) 1,1-Dichloropropene	7.923	75	109620	48.381	ug/l	99
37) Ethyl Acetate	7.082	43	116868	51.711	ug/l	98
38) Carbon Tetrachloride	7.905	117	121608	49.446	ug/l	97
39) Methylcyclohexane	9.185	83	119420	47.652	ug/l	93
40) Benzene	8.161	78	332808	48.166	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	42592	35.001	ug/l #	83
42) 1,2-Dichloroethane	8.240	62	113027	47.763	ug/l	94
43) Isopropyl Acetate	8.277	43	190812	49.426	ug/l	97
44) Trichloroethene	8.941	130	94077	48.748	ug/l	99
45) 1,2-Dichloropropane	9.222	63	92561	48.037	ug/l	99
46) Dibromomethane	9.307	93	60246	48.878	ug/l	96
47) Bromodichloromethane	9.502	83	133856	48.722	ug/l	99
48) Methyl methacrylate	9.295	41	85281	50.327	ug/l	89
49) 1,4-Dioxane	9.325	88	28238	1159.649	ug/l #	53
51) 4-Methyl-2-Pentanone	10.075	43	622681	260.228	ug/l	93
52) Toluene	10.246	92	213282	47.880	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	142519	48.374	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	154032	48.570	ug/l	92
55) 1,1,2-Trichloroethane	10.648	97	87720	48.563	ug/l	98
56) Ethyl methacrylate	10.514	69	134192	50.412	ug/l #	88
57) 1,3-Dichloropropane	10.795	76	147470	48.684	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	208083	246.094	ug/l	96
59) 2-Hexanone	10.837	43	522027	284.359	ug/l	91
60) Dibromochloromethane	10.990	129	104120	49.380	ug/l	100
61) 1,2-Dibromoethane	11.093	107	86944	49.201	ug/l	100
64) Tetrachloroethene	10.721	164	102977	51.723	ug/l	98
65) Chlorobenzene	11.520	112	240803	47.540	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	97029	49.315	ug/l	98
67) Ethyl Benzene	11.593	91	433469	48.961	ug/l	99
68) m/p-Xylenes	11.703	106	328845	97.723	ug/l	96
69) o-Xylene	12.032	106	160997	48.791	ug/l	99
70) Styrene	12.044	104	280548	49.671	ug/l	97
71) Bromoform	12.209	173	74229	52.062	ug/l #	99
73) Isopropylbenzene	12.331	105	430911	47.692	ug/l	100
74) N-amyl acetate	12.148	43	170746	50.280	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.587	83	124116	49.358	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	163607	85.148	ug/l #	100
77) Bromobenzene	12.611	156	104229	46.995	ug/l	93
78) n-propylbenzene	12.672	91	521800	47.538	ug/l	100
79) 2-Chlorotoluene	12.758	91	297276	47.512	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	361354	47.773	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	43659	51.167	ug/l	93
82) 4-Chlorotoluene	12.855	91	303056	46.398	ug/l	98
83) tert-Butylbenzene	13.075	119	321513	48.531	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	363495	48.029	ug/l	98
85) sec-Butylbenzene	13.258	105	474638	47.874	ug/l	99
86) p-Isopropyltoluene	13.373	119	394177	47.597	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	208115	47.300	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	209380	47.581	ug/l	99
89) n-Butylbenzene	13.697	91	367683	46.886	ug/l	97
90) Hexachloroethane	13.965	117	77047	48.205	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	194722	47.941	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	25481	51.022	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	121728	47.606	ug/l	99
94) Hexachlorobutadiene	15.111	225	55765	42.586	ug/l	98
95) Naphthalene	15.239	128	338004	50.695	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	114014	48.309	ug/l	99

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ClientSampleId :

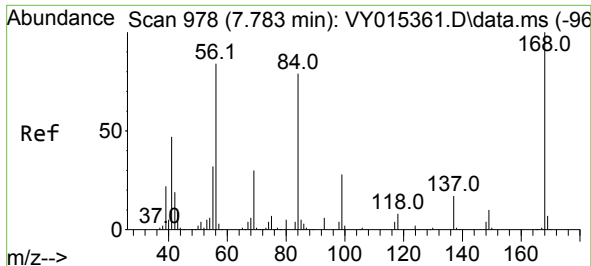
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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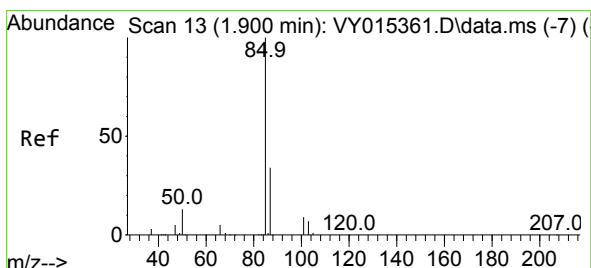
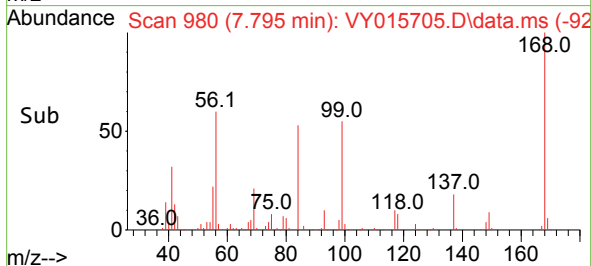
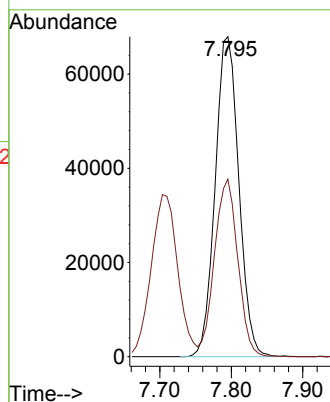
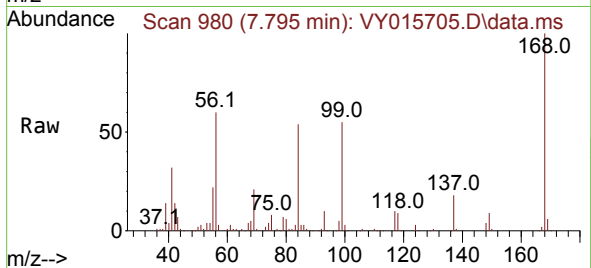




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015705.D
Acq: 26 Sep 2023 09:26

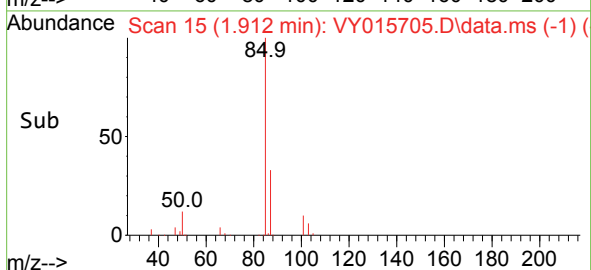
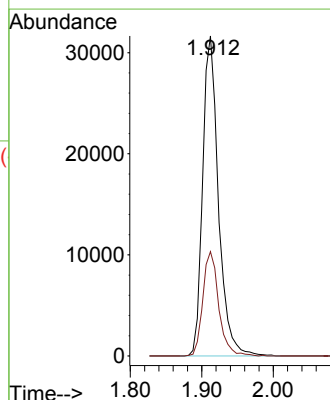
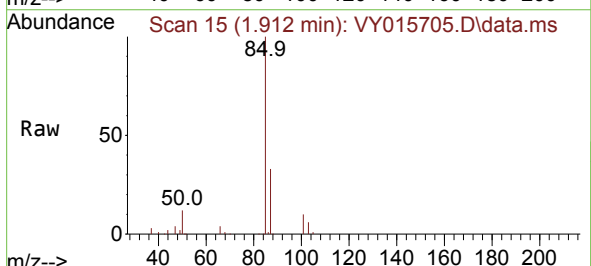
Instrument :
MSVOA_Y
ClientSampleId :

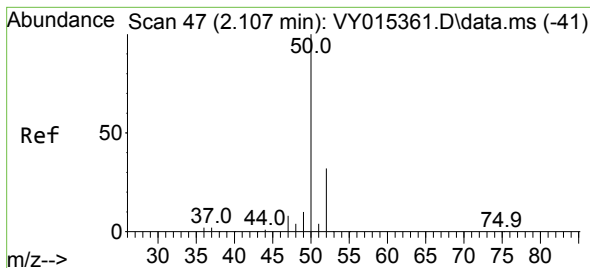
Tgt Ion:168 Resp: 155960
Ion Ratio Lower Upper
168 100
99 55.3 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 47.159 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.012 min
Lab File: VY015705.D
Acq: 26 Sep 2023 09:26

Tgt Ion: 85 Resp: 48481
Ion Ratio Lower Upper
85 100
87 32.6 15.6 46.8





#3

Chloromethane

Concen: 46.626 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY015705.D

Acq: 26 Sep 2023 09:26

Instrument :

MSVOA_Y

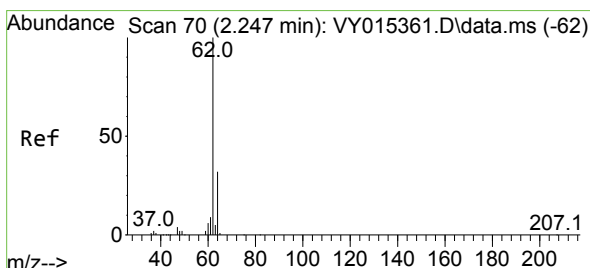
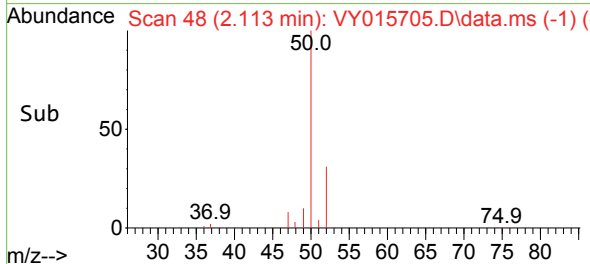
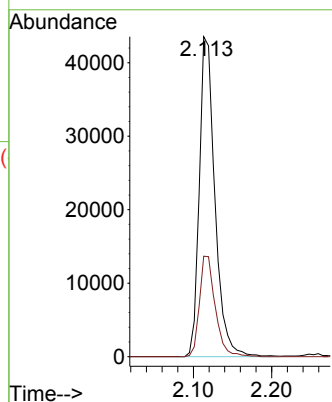
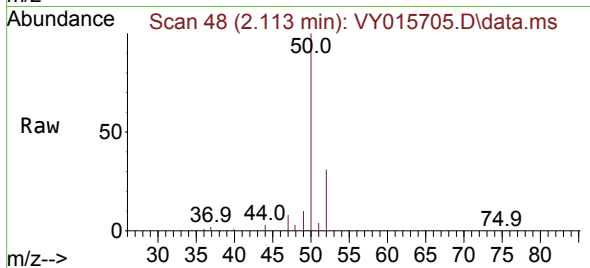
ClientSampleId :

Tgt Ion: 50 Resp: 60471

Ion Ratio Lower Upper

50 100

52 31.4 25.4 38.2



#4

Vinyl Chloride

Concen: 48.530 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.012 min

Lab File: VY015705.D

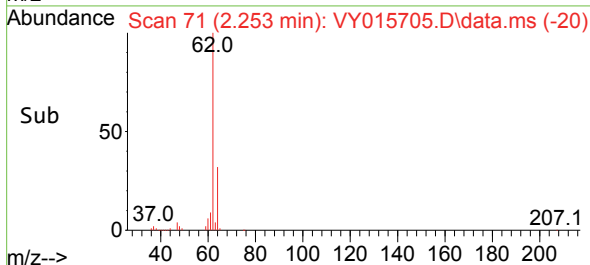
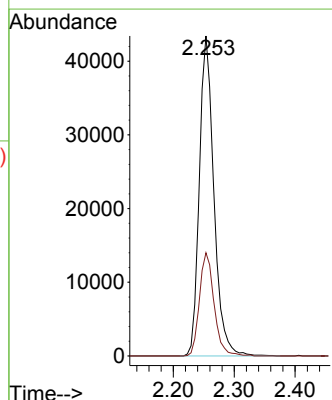
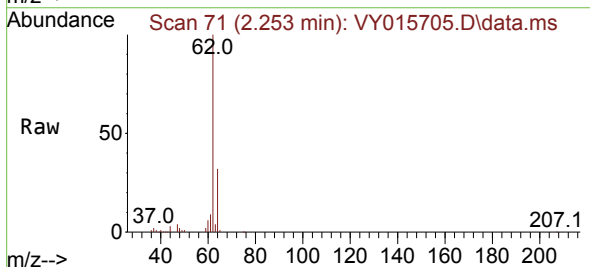
Acq: 26 Sep 2023 09:26

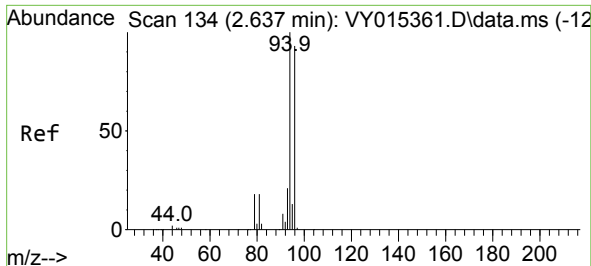
Tgt Ion: 62 Resp: 71964

Ion Ratio Lower Upper

62 100

64 32.2 24.3 36.5





#5

Bromomethane

Concen: 40.338 ug/l

RT: 2.656 min Scan# 11

Delta R.T. 0.019 min

Lab File: VY015705.D

Acq: 26 Sep 2023 09:26

Instrument :

MSVOA_Y

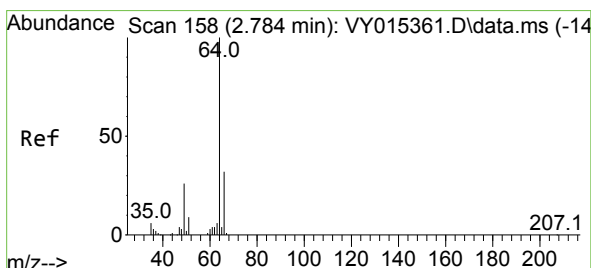
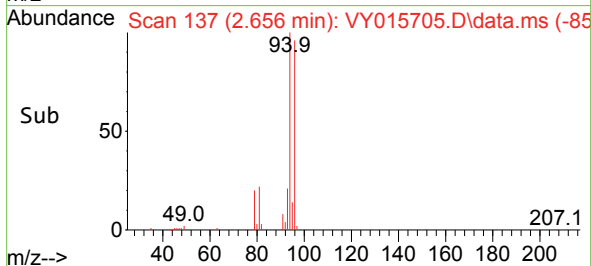
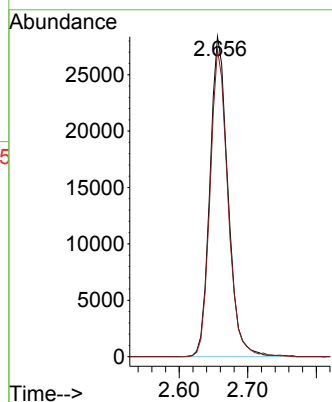
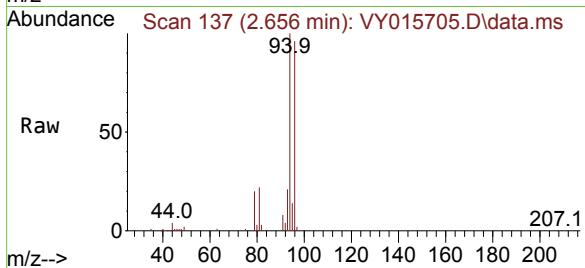
ClientSampleId :

Tgt Ion: 94 Resp: 51920

Ion Ratio Lower Upper

94 100

96 96.1 75.8 113.6



#6

Chloroethane

Concen: 46.317 ug/l

RT: 2.796 min Scan# 160

Delta R.T. 0.012 min

Lab File: VY015705.D

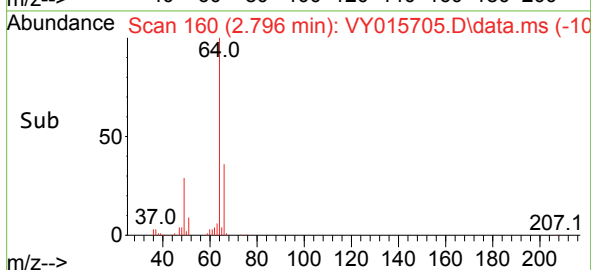
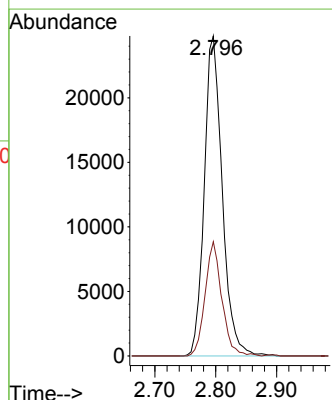
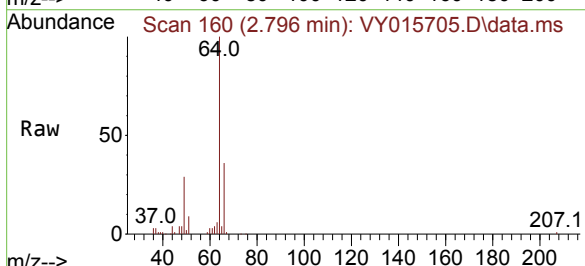
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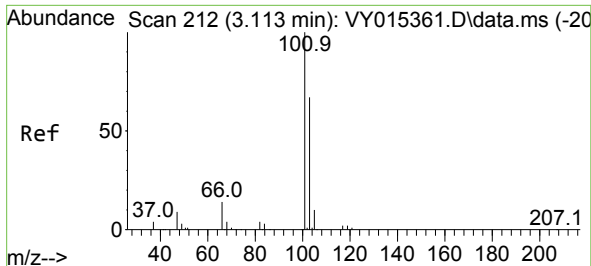
Tgt Ion: 64 Resp: 50907

Ion Ratio Lower Upper

64 100

66 35.7 24.4 36.6

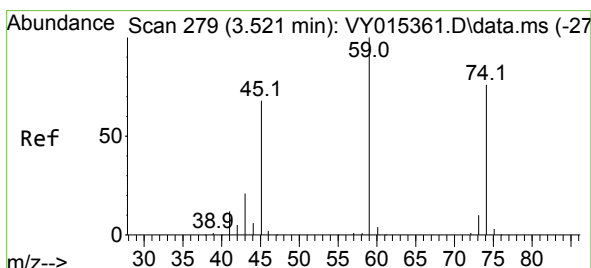
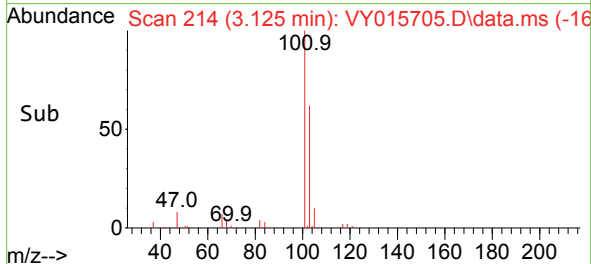
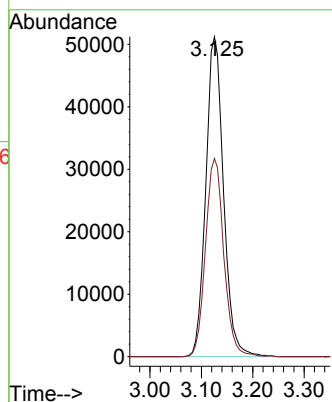
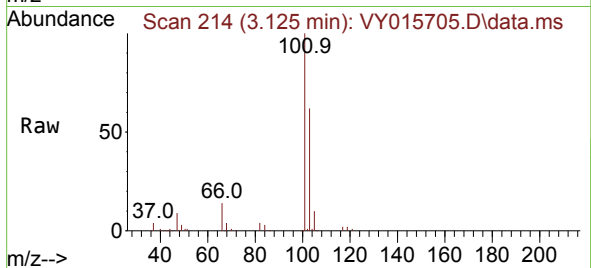




#7
 Trichlorofluoromethane
 Concen: 49.280 ug/l
 RT: 3.125 min Scan# 212
 Delta R.T. 0.012 min
 Lab File: VY015705.D
 Acq: 26 Sep 2023 09:26

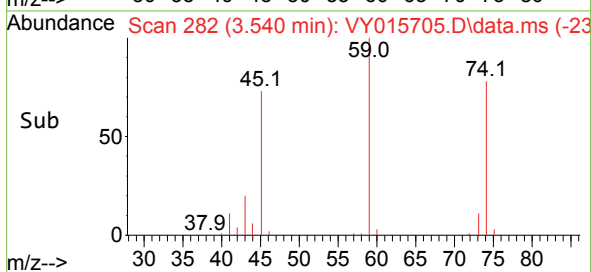
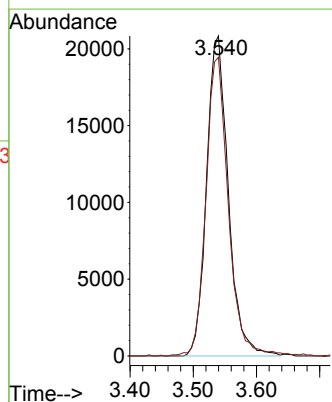
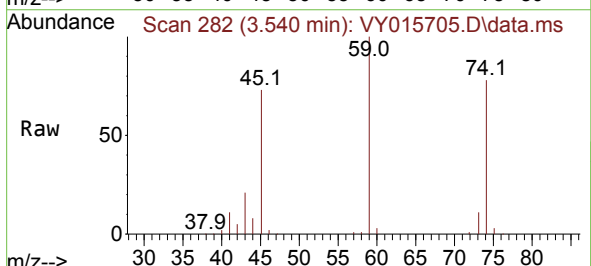
Instrument :
 MSVOA_Y
 ClientSampleId :

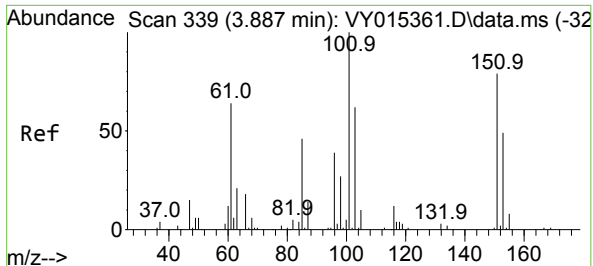
Tgt Ion:101 Resp: 122553
 Ion Ratio Lower Upper
 101 100
 103 62.0 51.4 77.0



#8
 Diethyl Ether
 Concen: 46.930 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. 0.019 min
 Lab File: VY015705.D
 Acq: 26 Sep 2023 09:26

Tgt Ion: 74 Resp: 49770
 Ion Ratio Lower Upper
 74 100
 45 96.2 51.5 154.5

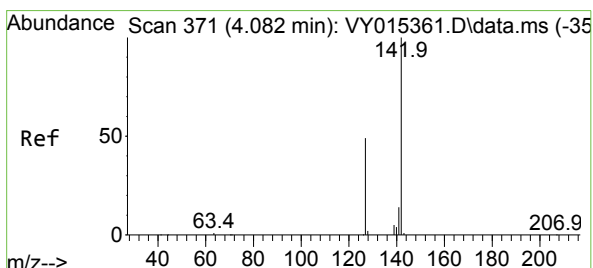
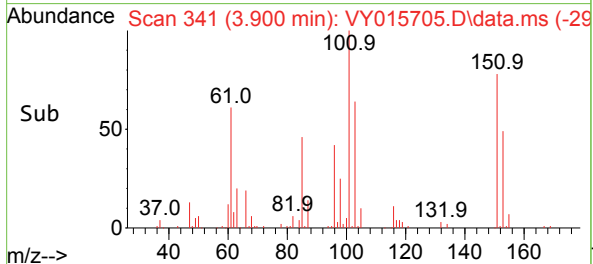
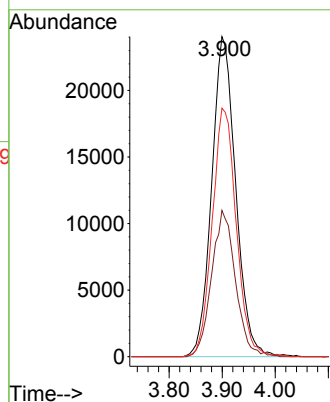
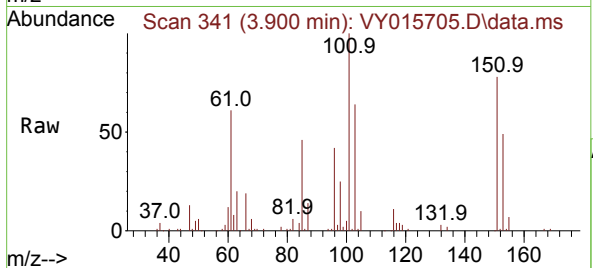




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.560 ug/l
RT: 3.900 min Scan# 341
Delta R.T. 0.007 min
Lab File: VY015705.D
Acq: 26 Sep 2023 09:26

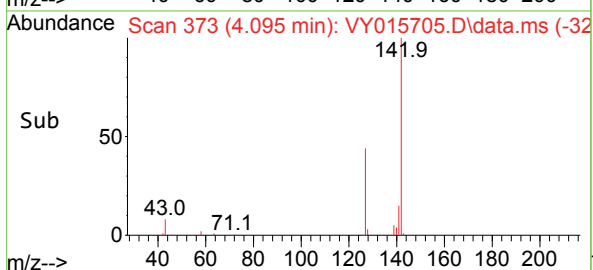
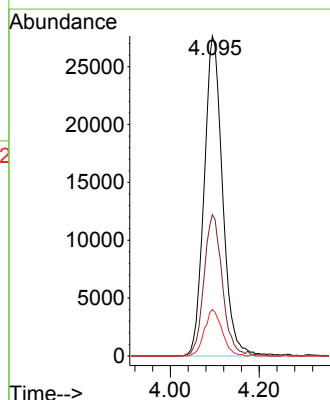
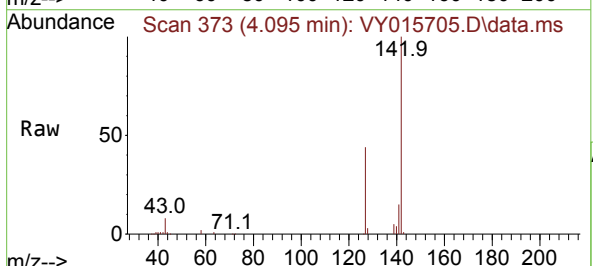
Instrument :
MSVOA_Y
ClientSampleId :

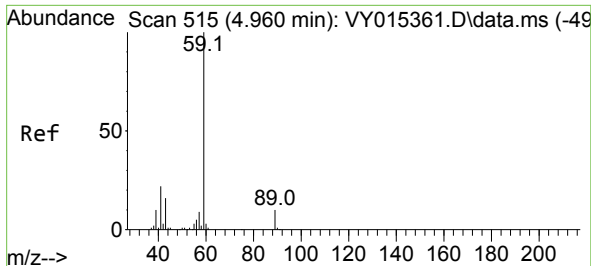
Tgt Ion:101 Resp: 75612
Ion Ratio Lower Upper
101 100
85 45.4 36.6 55.0
151 77.9 67.0 100.6



#10
Methyl Iodide
Concen: 43.964 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.013 min
Lab File: VY015705.D
Acq: 26 Sep 2023 09:26

Tgt Ion:142 Resp: 79861
Ion Ratio Lower Upper
142 100
127 44.3 37.6 56.4
141 13.9 11.8 17.8

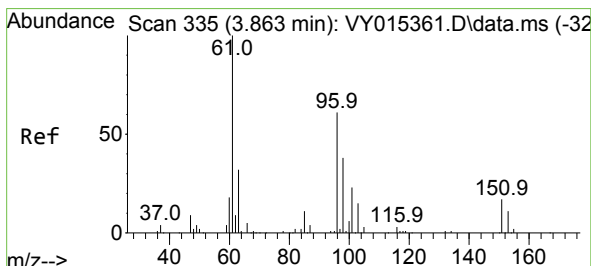
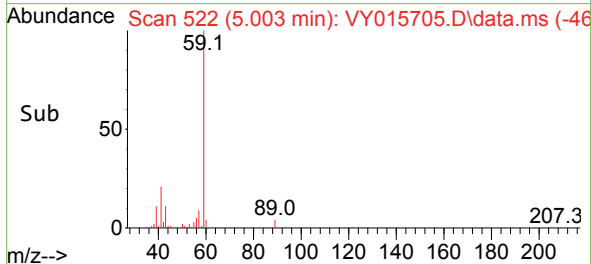
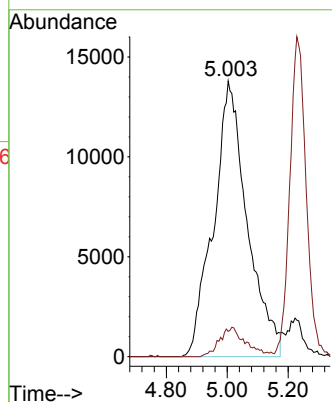
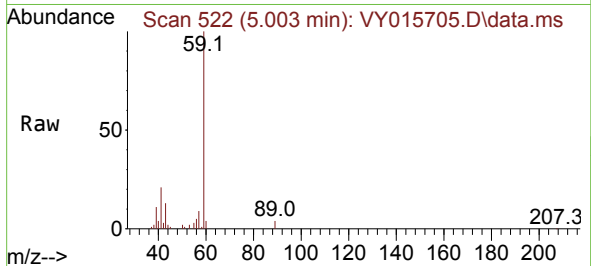




#11
Tert butyl alcohol
Concen: 300.336 ug/l
RT: 5.003 min Scan# 51
Delta R.T. 0.049 min
Lab File: VY015705.D
Acq: 26 Sep 2023 09:26

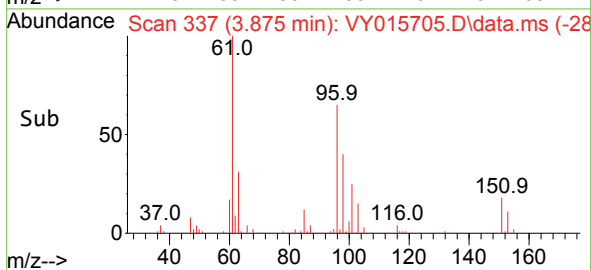
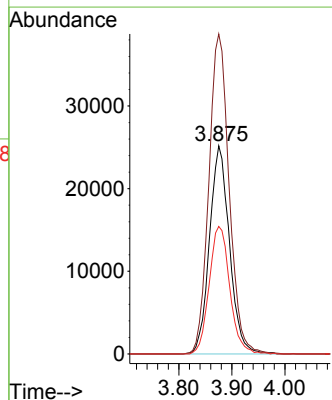
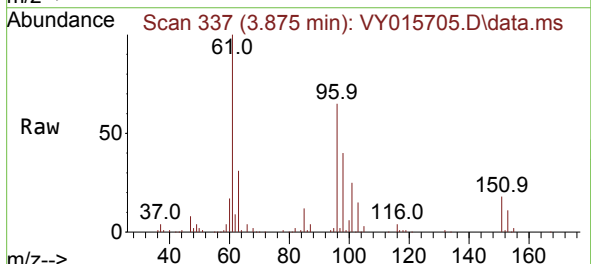
Instrument :
MSVOA_Y
ClientSampleId :

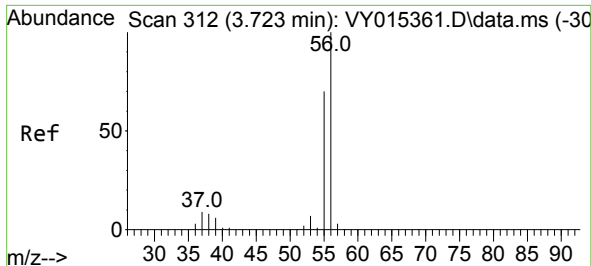
Tgt Ion: 59 Resp: 105901
Ion Ratio Lower Upper
59 100
57 8.1 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 48.090 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.012 min
Lab File: VY015705.D
Acq: 26 Sep 2023 09:26

Tgt Ion: 96 Resp: 65984
Ion Ratio Lower Upper
96 100
61 153.7 136.4 204.6
98 61.2 49.4 74.2





#13

Acrolein

Concen: 234.447 ug/l

RT: 3.741 min Scan# 312

Delta R.T. 0.018 min

Lab File: VY015705.D

Acq: 26 Sep 2023 09:26

Instrument :

MSVOA_Y

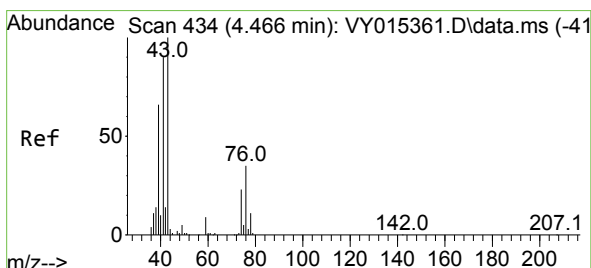
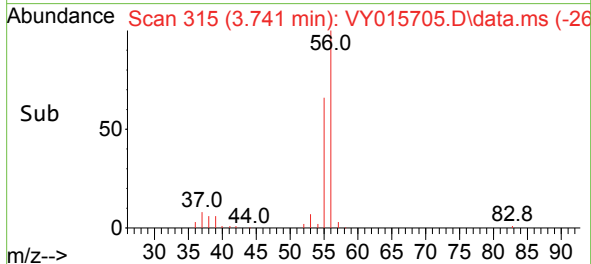
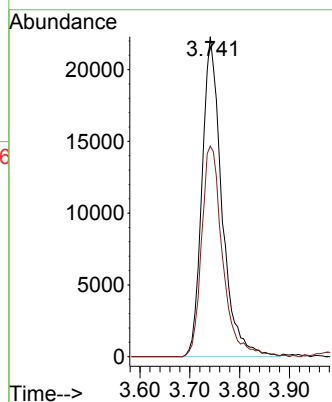
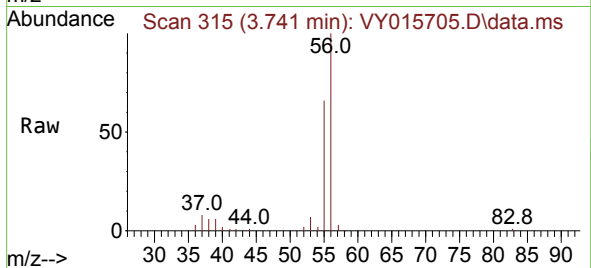
ClientSampleId :

Tgt Ion: 56 Resp: 61613

Ion Ratio Lower Upper

56 100

55 69.8 57.0 85.4



#14

Allyl chloride

Concen: 47.086 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.013 min

Lab File: VY015705.D

Acq: 26 Sep 2023 09:26

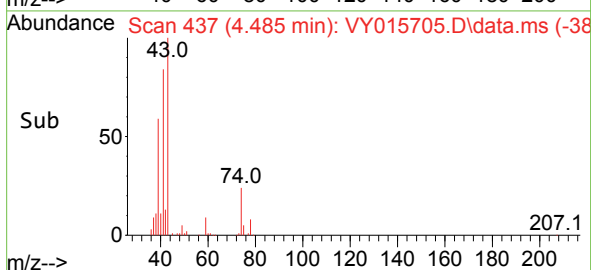
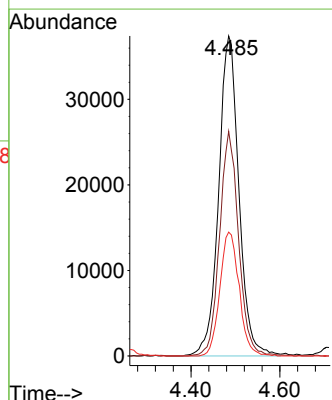
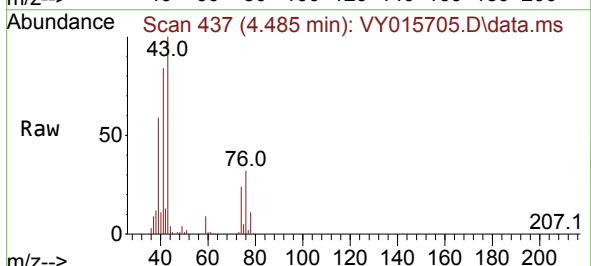
Tgt Ion: 41 Resp: 118123

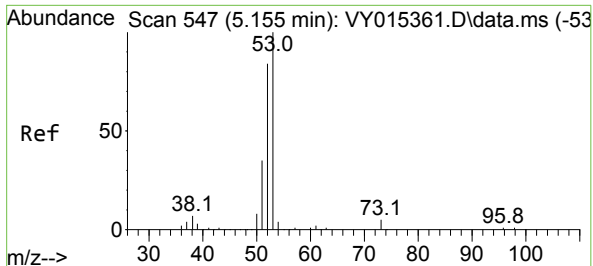
Ion Ratio Lower Upper

41 100

39 65.9 58.0 87.0

76 36.9 27.4 41.2

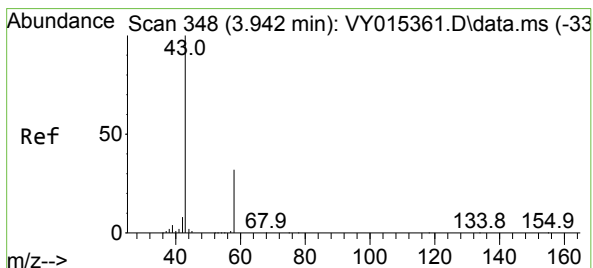
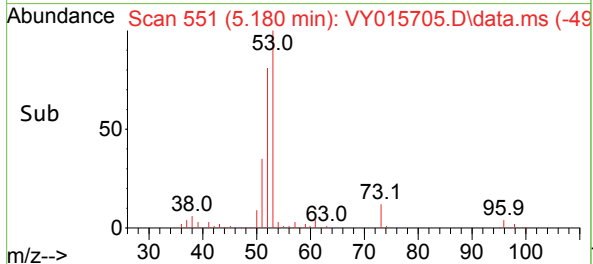
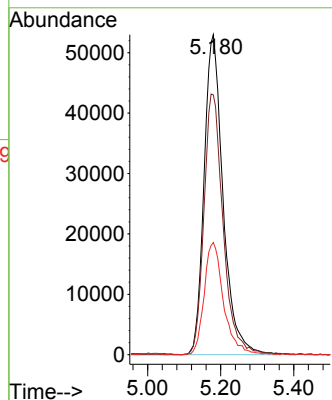
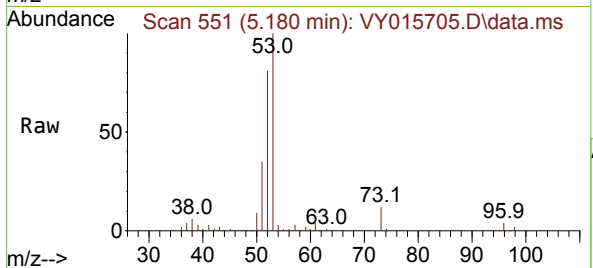




#15
Acrylonitrile
Concen: 245.230 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.019 min
Lab File: VY015705.D
Acq: 26 Sep 2023 09:26

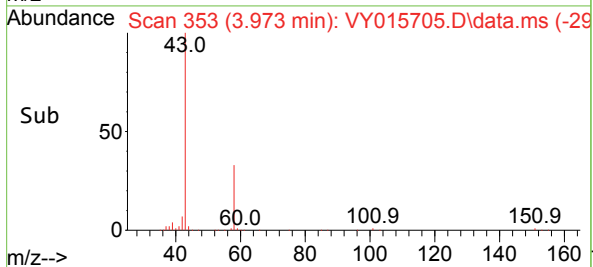
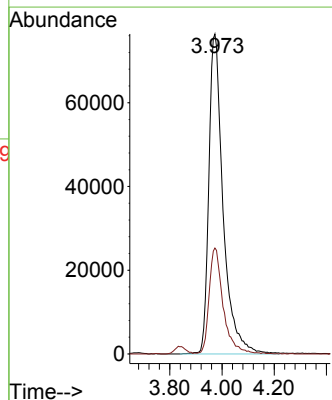
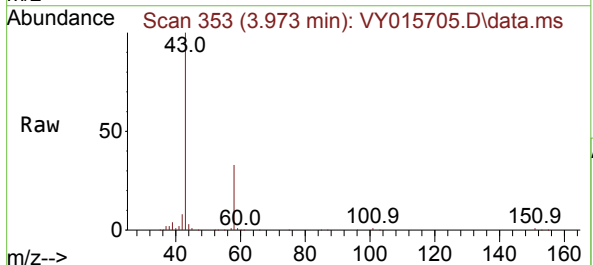
Instrument :
MSVOA_Y
ClientSampleId :

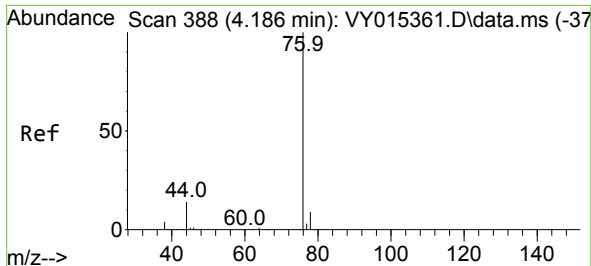
Tgt Ion: 53 Resp: 190784
Ion Ratio Lower Upper
53 100
52 82.2 66.9 100.3
51 35.9 29.8 44.6



#16
Acetone
Concen: 314.206 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.031 min
Lab File: VY015705.D
Acq: 26 Sep 2023 09:26

Tgt Ion: 43 Resp: 288543
Ion Ratio Lower Upper
43 100
58 33.0 22.7 34.1

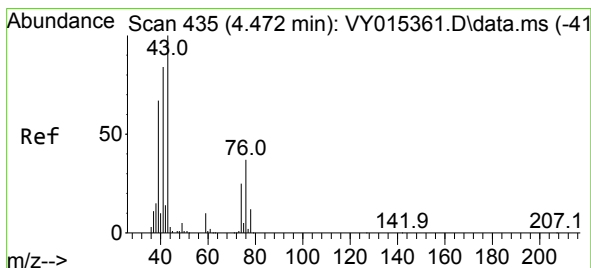
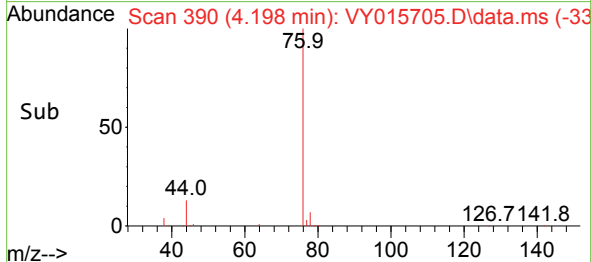
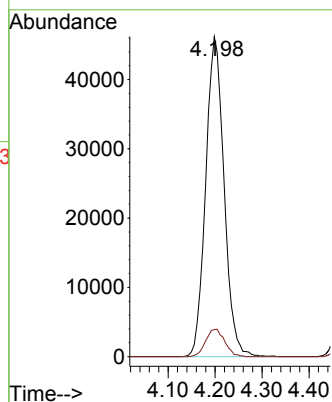
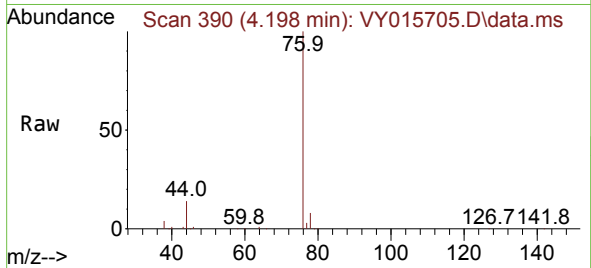




#17
Carbon Disulfide
Concen: 47.000 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.012 min
Lab File: VY015705.D
Acq: 26 Sep 2023 09:26

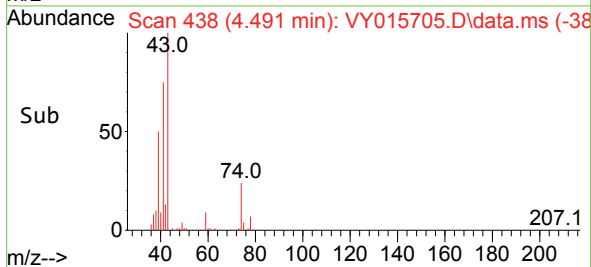
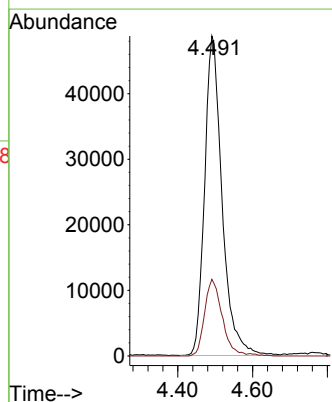
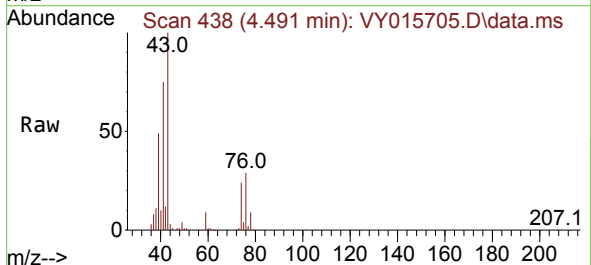
Instrument :
MSVOA_Y
ClientSampleId :

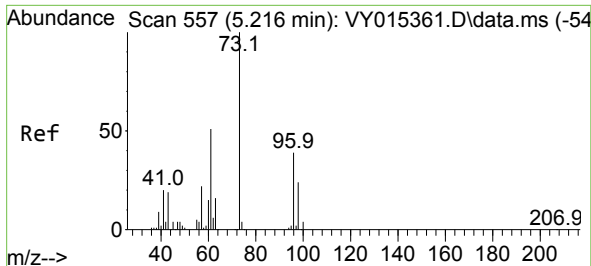
Tgt Ion: 76 Resp: 125279
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.4



#18
Methyl Acetate
Concen: 51.310 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.019 min
Lab File: VY015705.D
Acq: 26 Sep 2023 09:26

Tgt Ion: 43 Resp: 158094
Ion Ratio Lower Upper
43 100
74 24.0 17.4 26.0

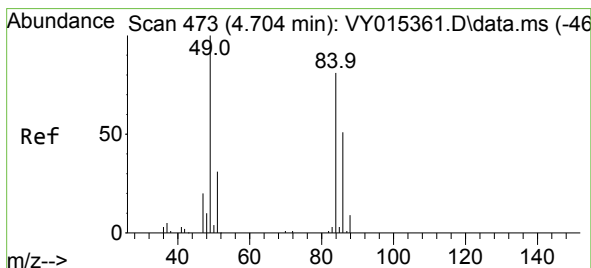
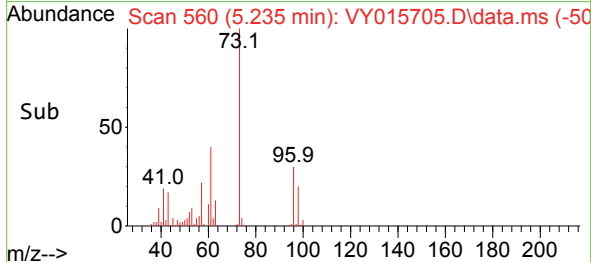
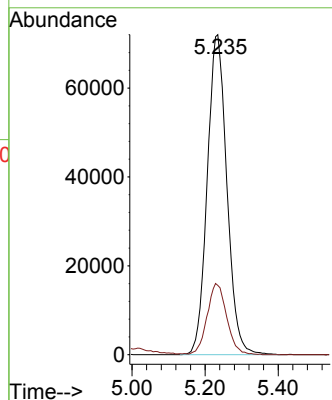
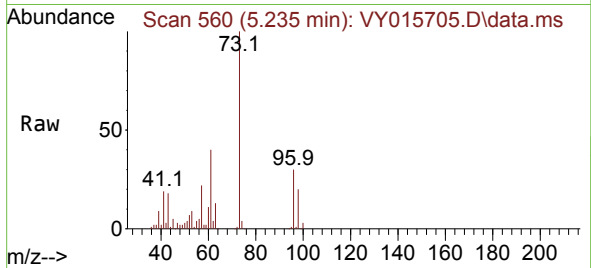




#19
Methyl tert-butyl Ether
Concen: 47.951 ug/l
RT: 5.235 min Scan# 51
Delta R.T. 0.025 min
Lab File: VY015705.D
Acq: 26 Sep 2023 09:26

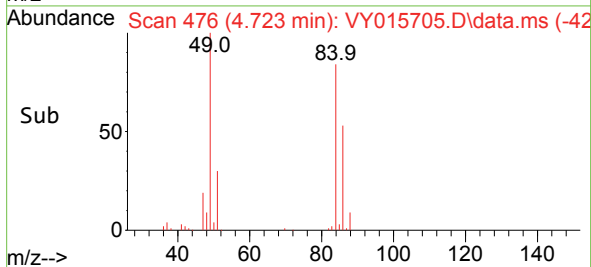
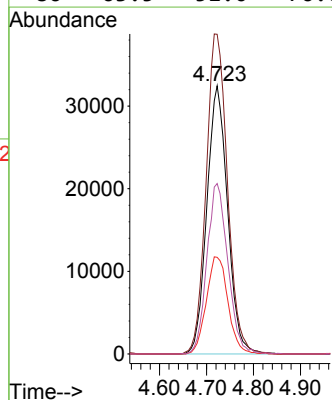
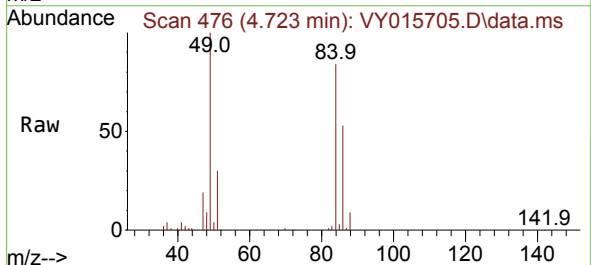
Instrument :
MSVOA_Y
ClientSampleId :

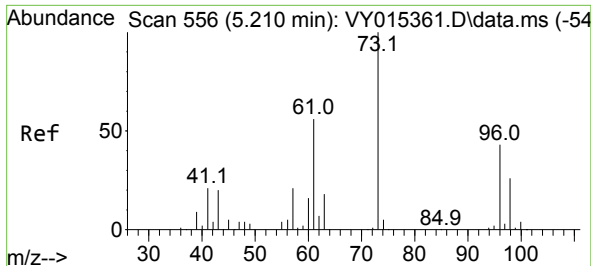
Tgt Ion: 73 Resp: 267962
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9



#20
Methylene Chloride
Concen: 49.407 ug/l
RT: 4.723 min Scan# 476
Delta R.T. 0.019 min
Lab File: VY015705.D
Acq: 26 Sep 2023 09:26

Tgt Ion: 84 Resp: 99480
Ion Ratio Lower Upper
84 100
49 119.2 106.9 160.3
51 36.0 33.2 49.8
86 63.5 51.0 76.6

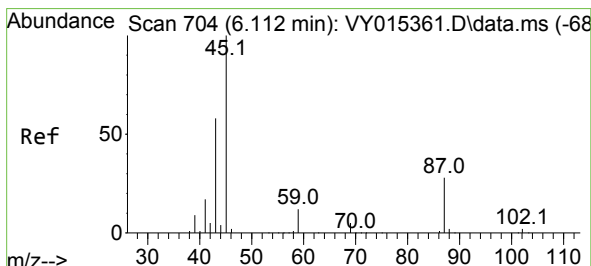
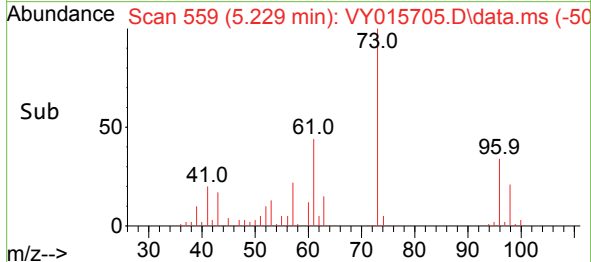
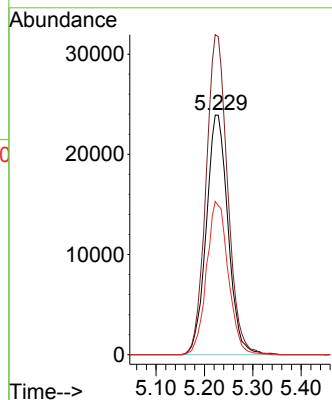
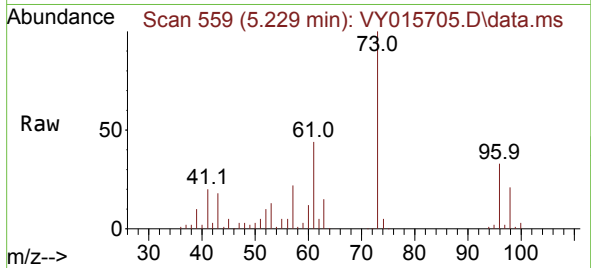




#21
trans-1,2-Dichloroethene
Concen: 47.616 ug/l
RT: 5.229 min Scan# 51
Delta R.T. 0.019 min
Lab File: VY015705.D
Acq: 26 Sep 2023 09:26

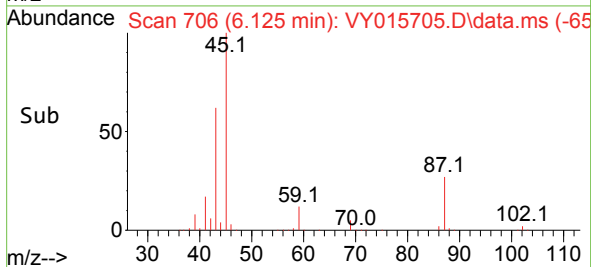
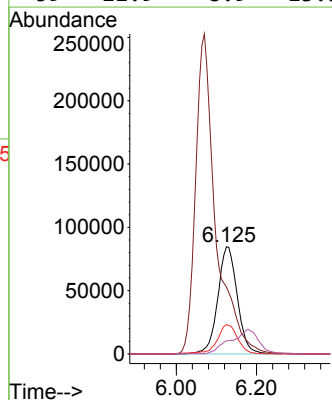
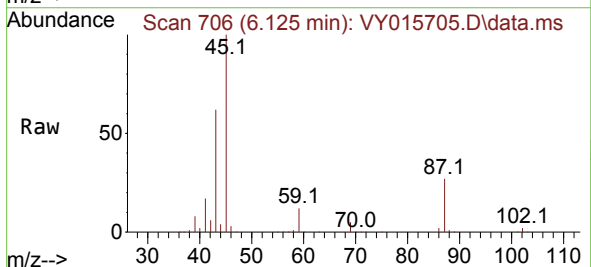
Instrument :
MSVOA_Y
ClientSampleId :

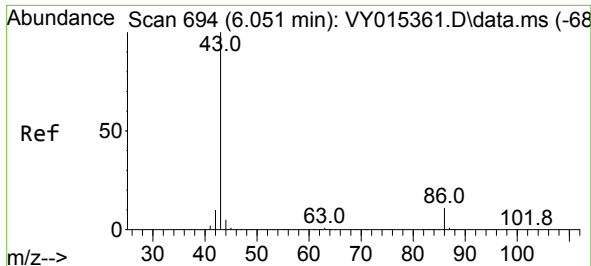
Tgt Ion: 96 Resp: 74676
Ion Ratio Lower Upper
96 100
61 132.8 110.2 165.4
98 62.3 51.8 77.6



#22
Diisopropyl ether
Concen: 47.355 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.013 min
Lab File: VY015705.D
Acq: 26 Sep 2023 09:26

Tgt Ion: 45 Resp: 285896
Ion Ratio Lower Upper
45 100
43 61.6 52.2 78.4
87 27.3 21.0 31.6
59 11.9 8.9 13.3

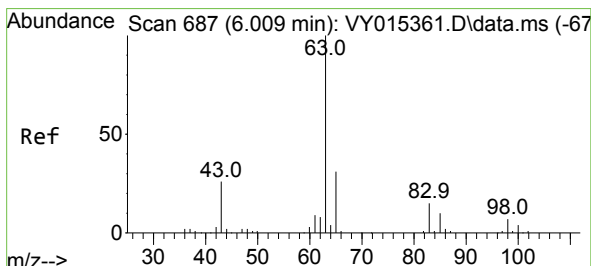
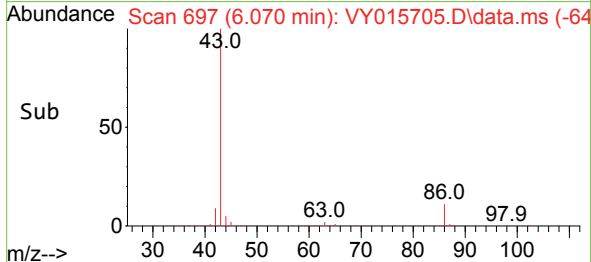
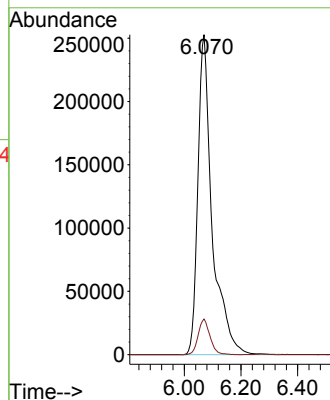
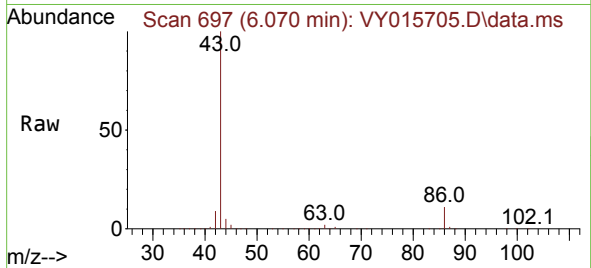




#23
 Vinyl Acetate
 Concen: 236.713 ug/l
 RT: 6.070 min Scan# 694
 Delta R.T. 0.019 min
 Lab File: VY015705.D
 Acq: 26 Sep 2023 09:26

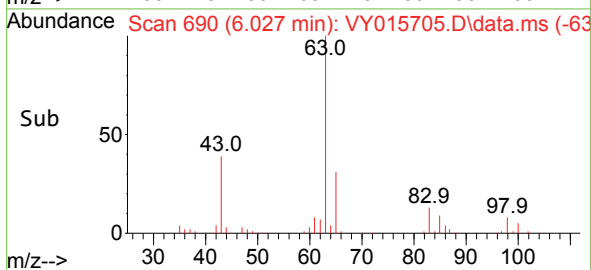
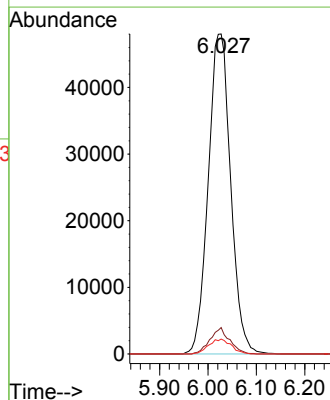
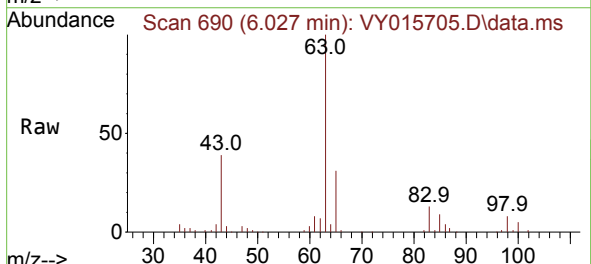
Instrument :
 MSVOA_Y
 ClientSampleId :

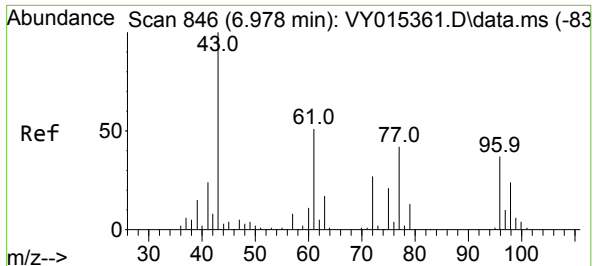
Tgt Ion: 43 Resp: 882100
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 46.982 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.024 min
 Lab File: VY015705.D
 Acq: 26 Sep 2023 09:26

Tgt Ion: 63 Resp: 154605
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.1 9.4
 100 4.7 1.8 5.5





#25

2-Butanone

Concen: 275.037 ug/l

RT: 6.997 min Scan# 84

Delta R.T. 0.019 min

Lab File: VY015705.D

Acq: 26 Sep 2023 09:26

Instrument :

MSVOA_Y

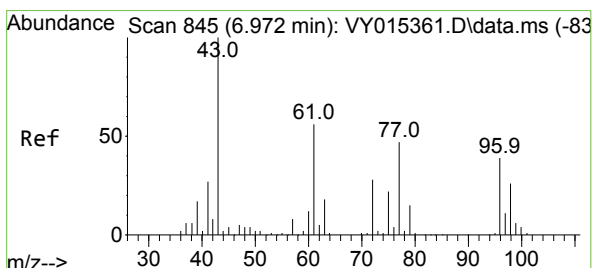
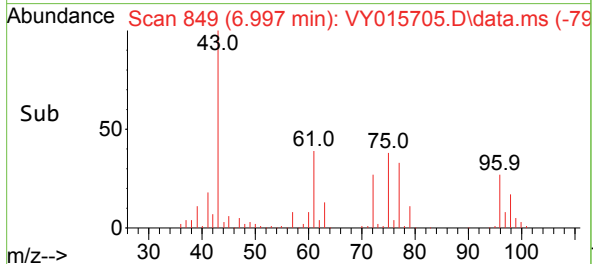
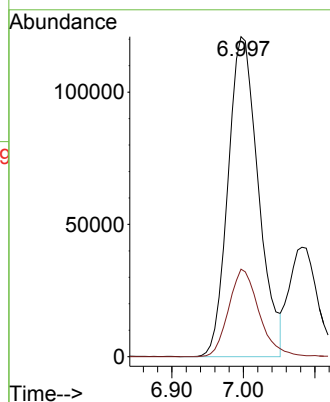
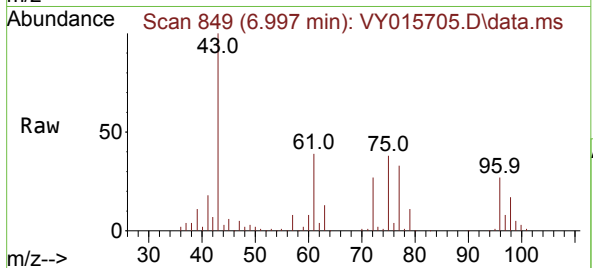
ClientSampleId :

Tgt Ion: 43 Resp: 357003

Ion Ratio Lower Upper

43 100

72 27.4 20.5 30.7



#26

2,2-Dichloropropane

Concen: 45.686 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.012 min

Lab File: VY015705.D

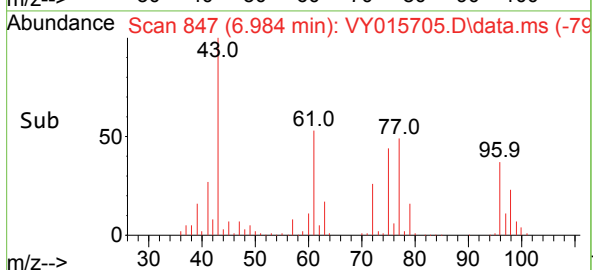
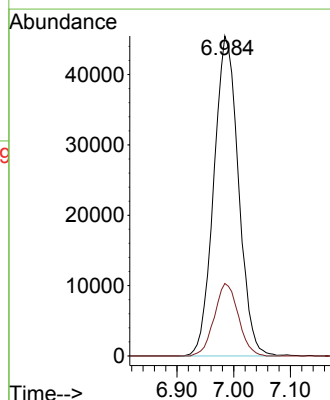
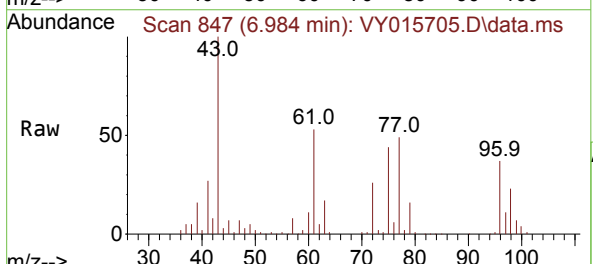
Acq: 26 Sep 2023 09:26

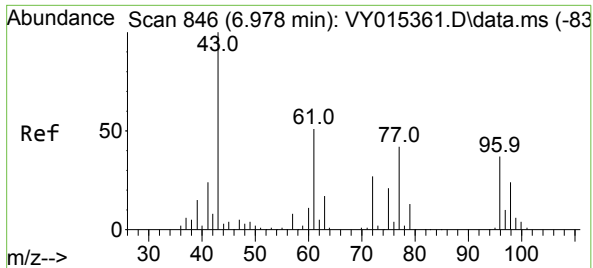
Tgt Ion: 77 Resp: 137409

Ion Ratio Lower Upper

77 100

97 22.1 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 46.175 ug/l

RT: 6.990 min Scan# 846

Delta R.T. 0.012 min

Lab File: VY015705.D

Acq: 26 Sep 2023 09:26

Instrument :

MSVOA_Y

ClientSampleId :

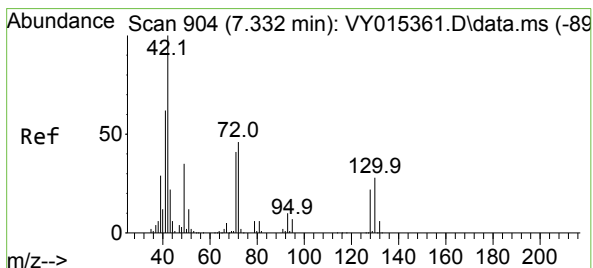
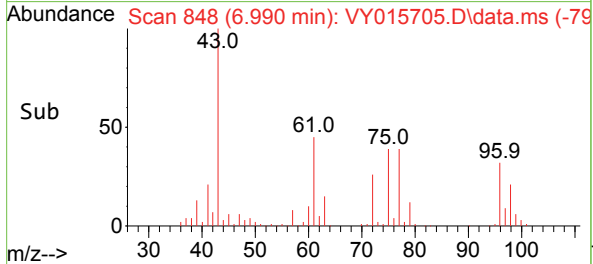
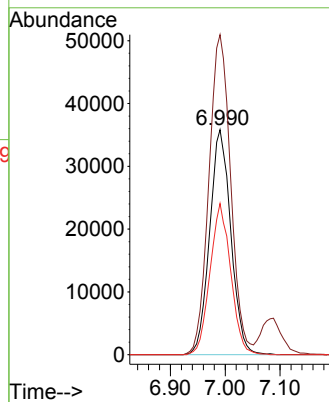
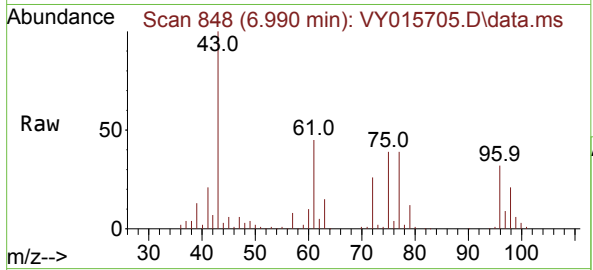
Tgt Ion: 96 Resp: 96138

Ion Ratio Lower Upper

96 100

61 146.2 0.0 301.4

98 65.6 0.0 130.4



#28

Bromochloromethane

Concen: 43.350 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.006 min

Lab File: VY015705.D

Acq: 26 Sep 2023 09:26

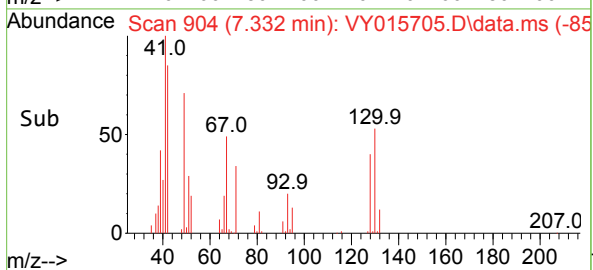
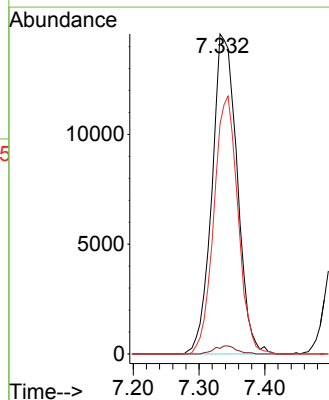
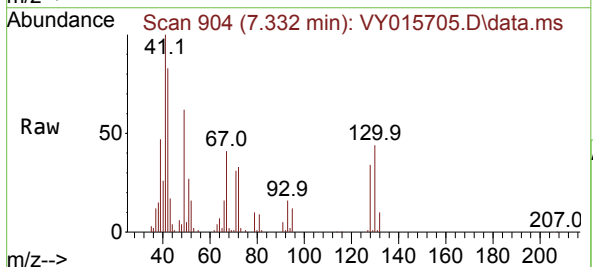
Tgt Ion: 49 Resp: 38703

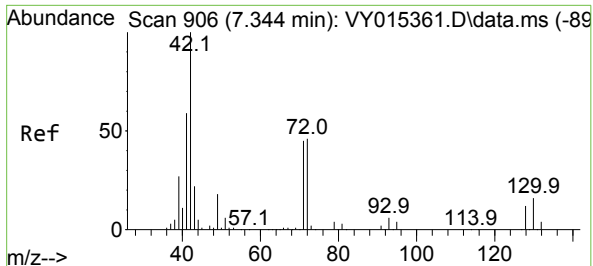
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 77.3 60.7 91.1





#29

Tetrahydrofuran

Concen: 256.838 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.018 min

Lab File: VY015705.D

Acq: 26 Sep 2023 09:26

Instrument :

MSVOA_Y

ClientSampleId :

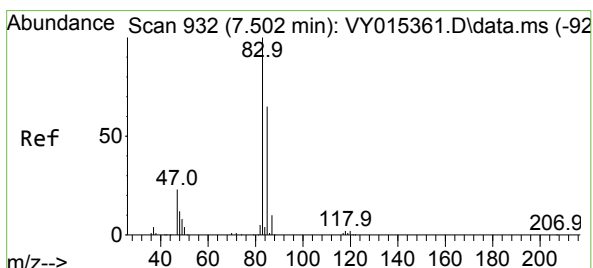
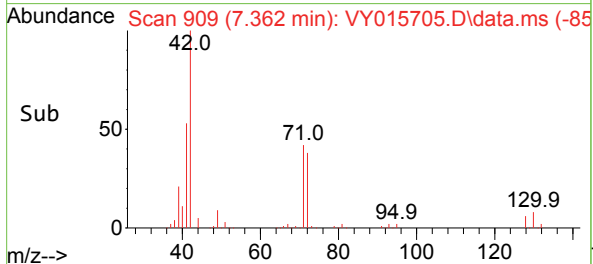
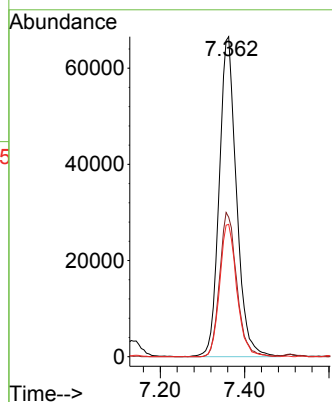
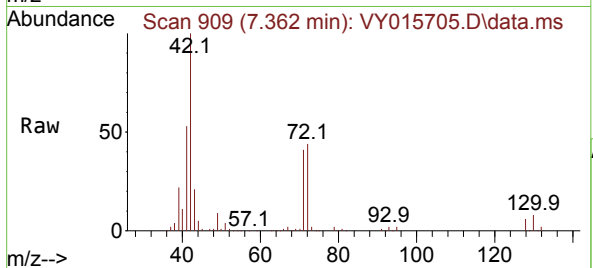
Tgt Ion: 42 Resp: 188430

Ion Ratio Lower Upper

42 100

72 44.7 32.8 49.2

71 41.1 31.0 46.4



#30

Chloroform

Concen: 46.969 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.013 min

Lab File: VY015705.D

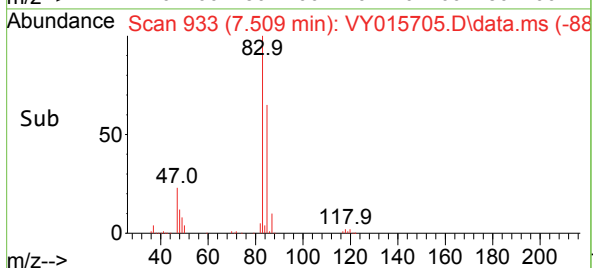
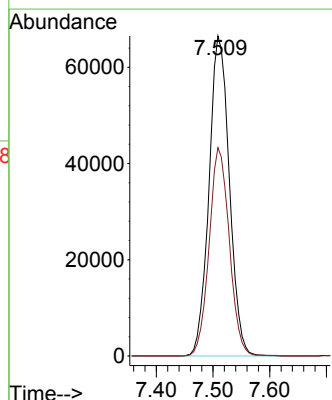
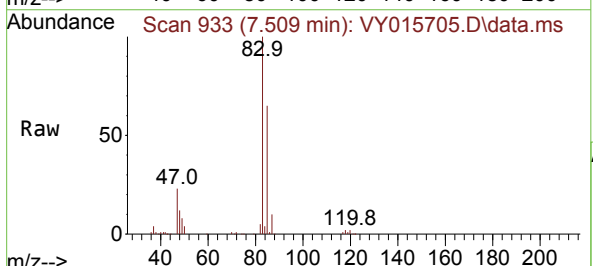
Acq: 26 Sep 2023 09:26

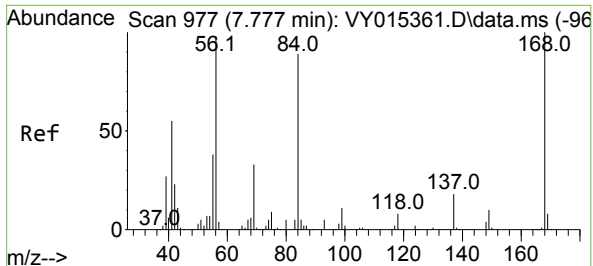
Tgt Ion: 83 Resp: 165522

Ion Ratio Lower Upper

83 100

85 65.1 49.7 74.5





#31

Cyclohexane

Concen: 45.268 ug/l

RT: 7.789 min Scan# 91

Delta R.T. 0.006 min

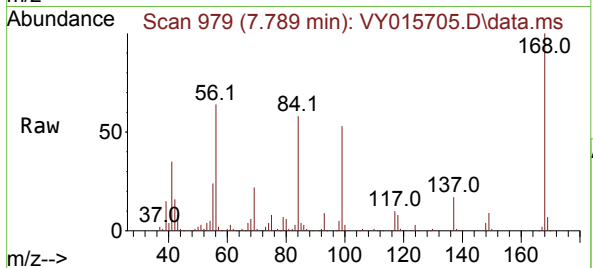
Lab File: VY015705.D

Acq: 26 Sep 2023 09:26

Instrument :

MSVOA_Y

ClientSampleId :



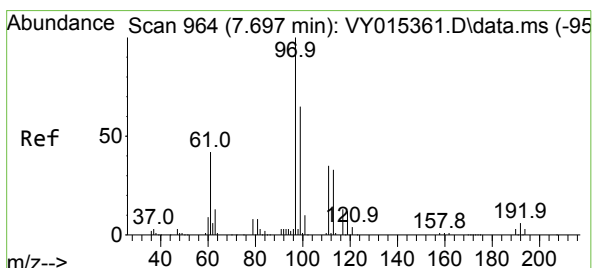
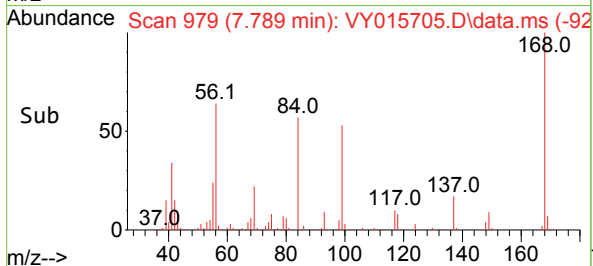
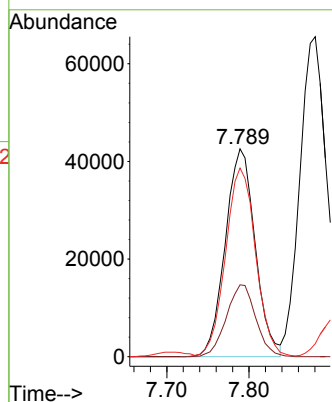
Tgt Ion: 56 Resp: 107610

Ion Ratio Lower Upper

56 100

69 34.5 27.8 41.6

84 88.7 66.4 99.6



#32

1,1,1-Trichloroethane

Concen: 47.981 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.019 min

Lab File: VY015705.D

Acq: 26 Sep 2023 09:26

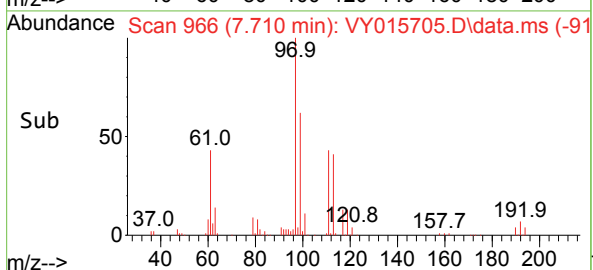
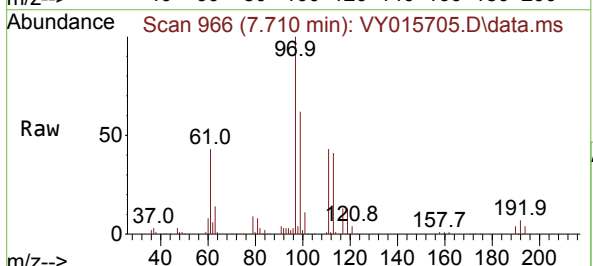
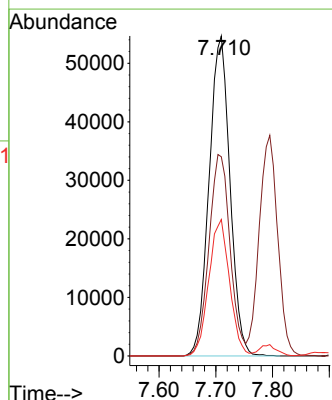
Tgt Ion: 97 Resp: 139587

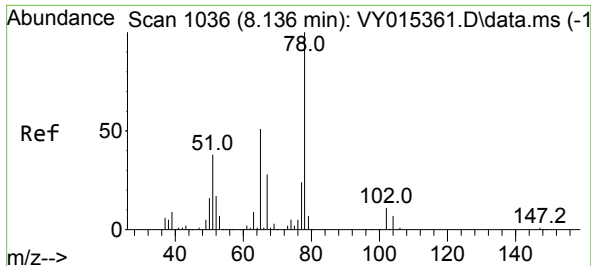
Ion Ratio Lower Upper

97 100

99 64.0 50.8 76.2

61 42.6 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 43.902 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.007 min

Lab File: VY015705.D

Acq: 26 Sep 2023 09:26

Instrument :

MSVOA_Y

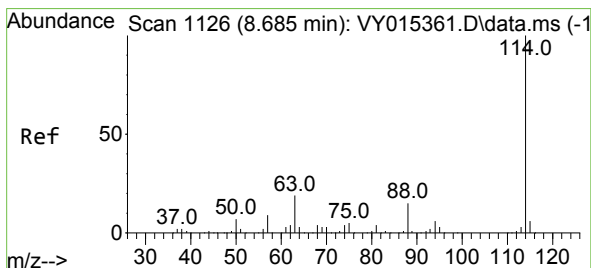
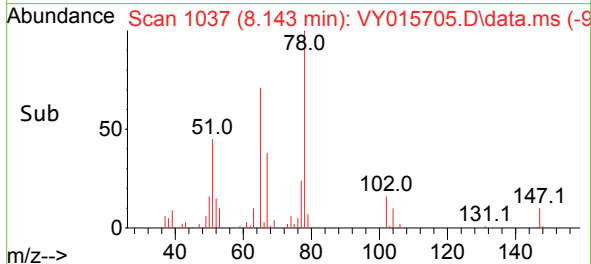
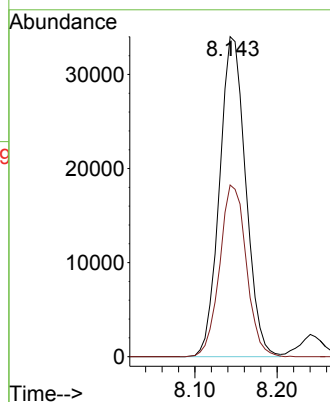
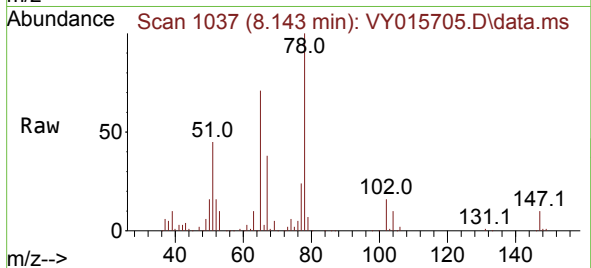
ClientSampleId :

Tgt Ion: 65 Resp: 75335

Ion Ratio Lower Upper

65 100

67 54.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015705.D

Acq: 26 Sep 2023 09:26

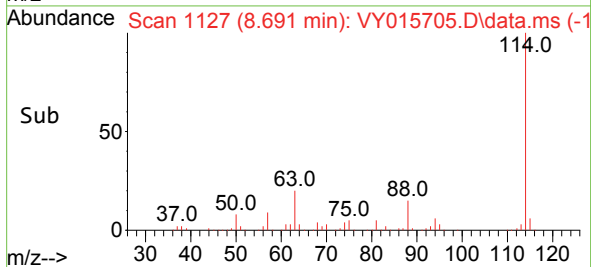
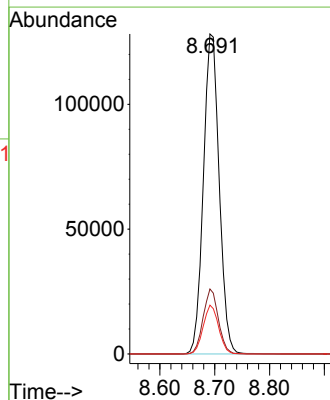
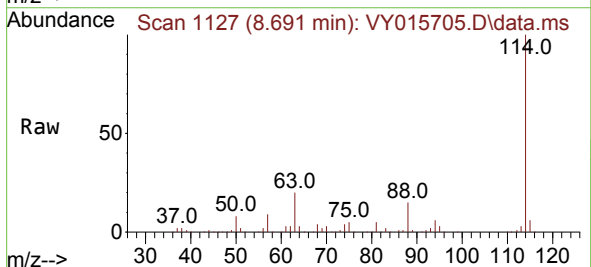
Tgt Ion: 114 Resp: 256026

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.4

88 15.2 0.0 30.6

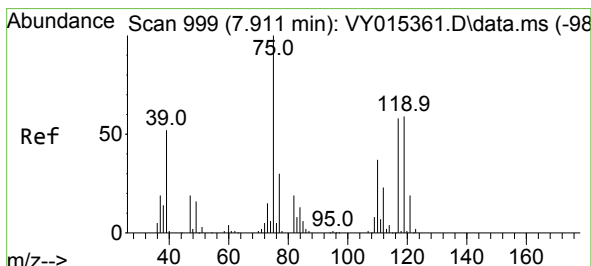
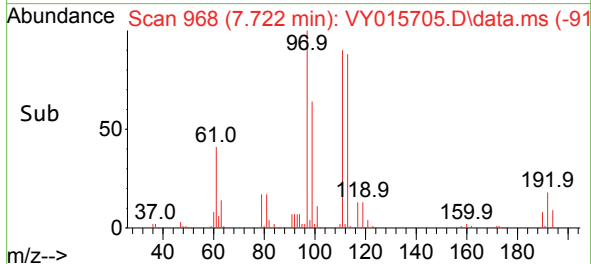
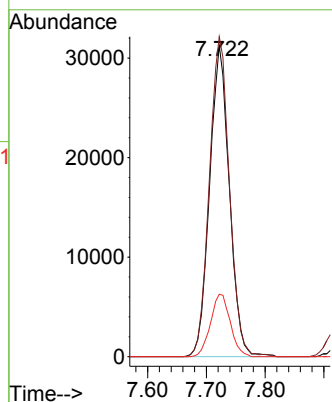
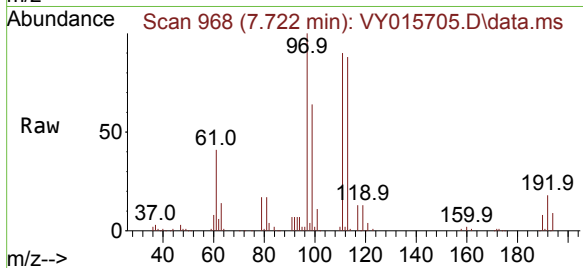




#35
Dibromofluoromethane
Concen: 47.567 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015705.D
Acq: 26 Sep 2023 09:26

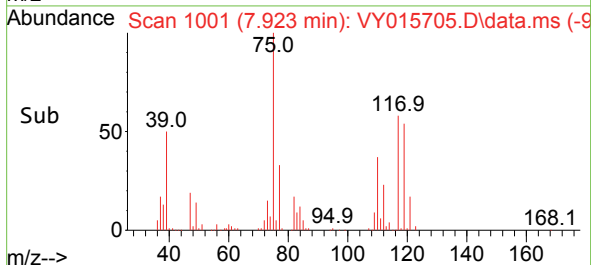
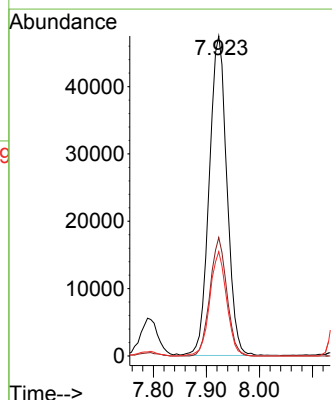
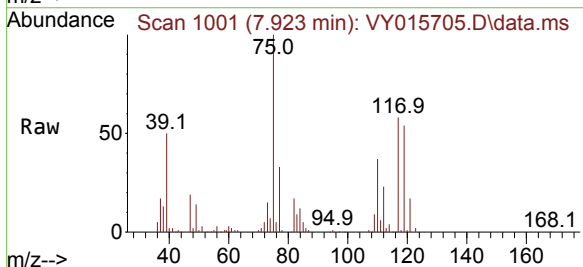
Instrument :
MSVOA_Y
ClientSampleId :

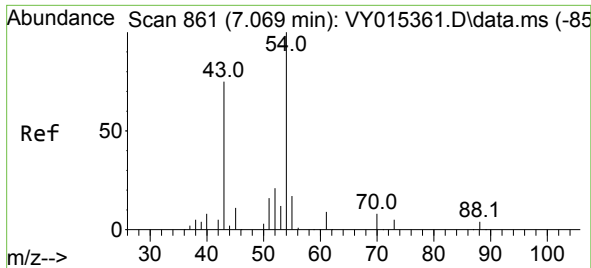
Tgt Ion:113 Resp: 72892
Ion Ratio Lower Upper
113 100
111 104.6 81.3 121.9
192 20.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 48.381 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.012 min
Lab File: VY015705.D
Acq: 26 Sep 2023 09:26

Tgt Ion: 75 Resp: 109620
Ion Ratio Lower Upper
75 100
110 35.3 17.8 53.5
77 31.3 24.4 36.6

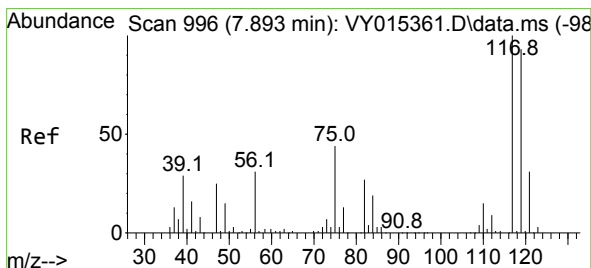
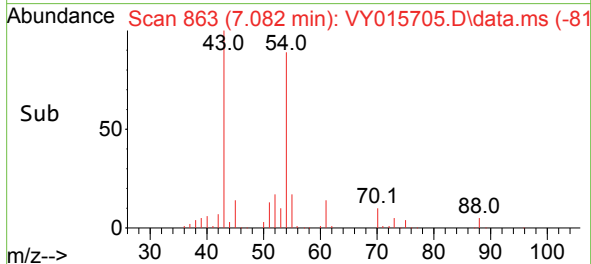
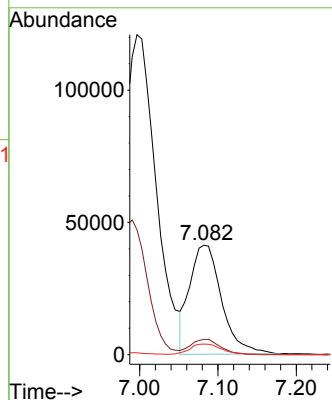
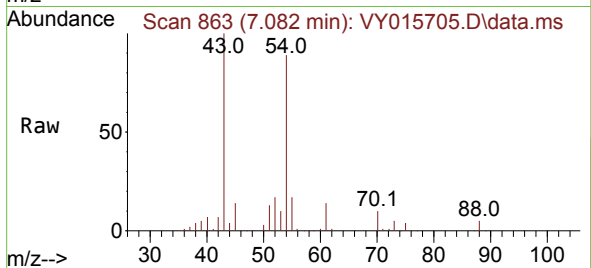




#37
Ethyl Acetate
Concen: 51.711 ug/l
RT: 7.082 min Scan# 80
Delta R.T. 0.019 min
Lab File: VY015705.D
Acq: 26 Sep 2023 09:26

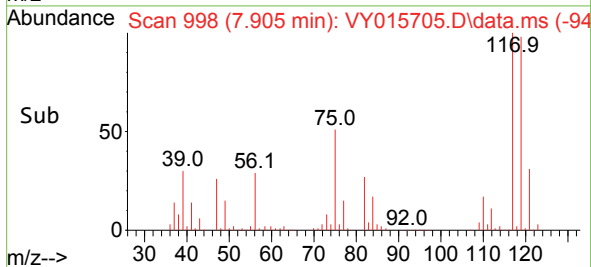
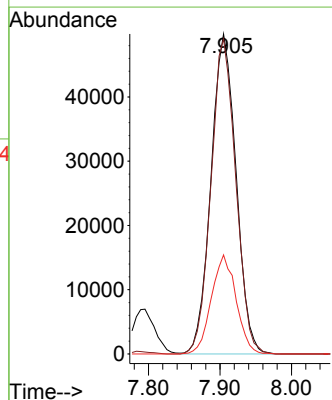
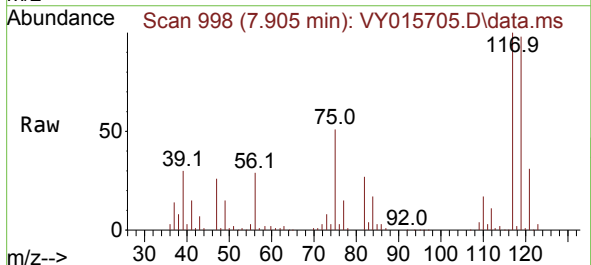
Instrument :
MSVOA_Y
ClientSampleId :

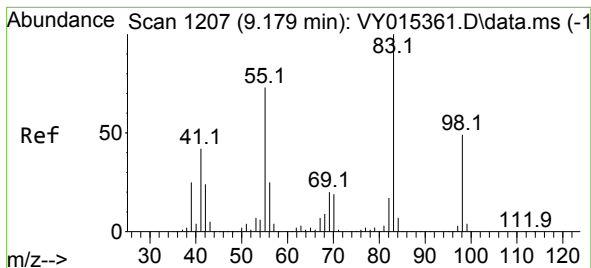
Tgt Ion: 43 Resp: 116868
Ion Ratio Lower Upper
43 100
61 13.3 10.1 15.1
70 9.8 7.1 10.7



#38
Carbon Tetrachloride
Concen: 49.446 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.012 min
Lab File: VY015705.D
Acq: 26 Sep 2023 09:26

Tgt Ion: 117 Resp: 121608
Ion Ratio Lower Upper
117 100
119 98.4 76.4 114.6
121 31.0 25.8 38.6





#39

Methylcyclohexane

Concen: 47.652 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015705.D

Acq: 26 Sep 2023 09:26

Instrument :

MSVOA_Y

ClientSampleId :

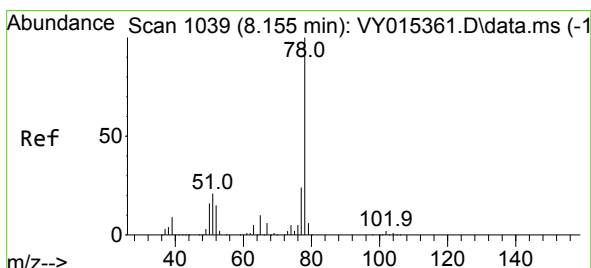
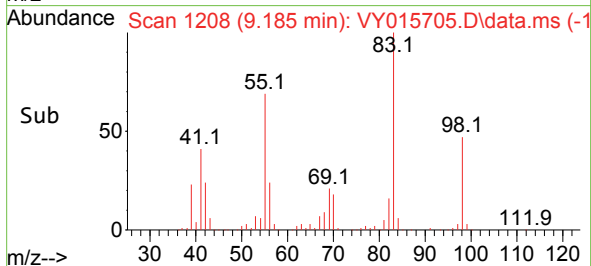
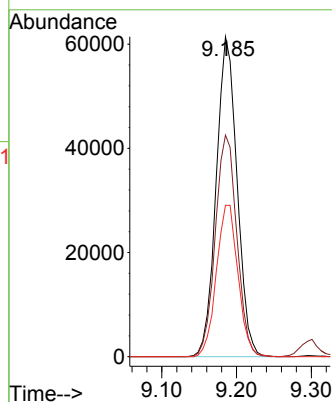
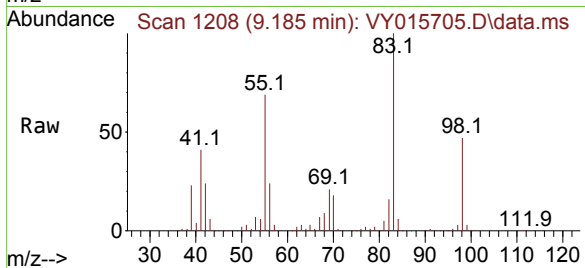
Tgt Ion: 83 Resp: 119420

Ion Ratio Lower Upper

83 100

55 69.3 63.0 94.4

98 47.3 37.4 56.2



#40

Benzene

Concen: 48.166 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.012 min

Lab File: VY015705.D

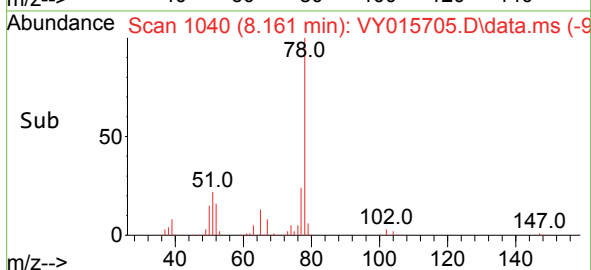
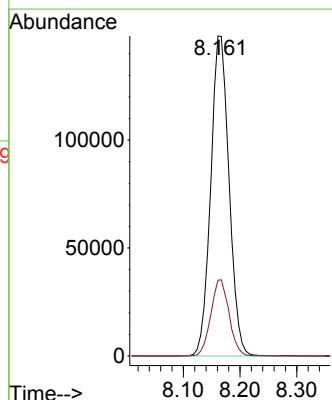
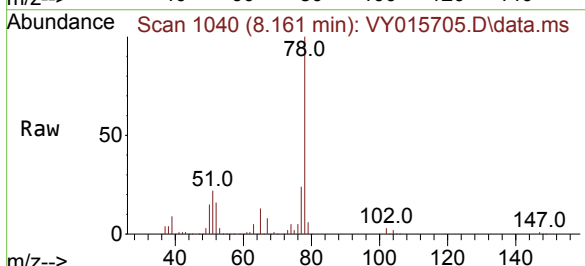
Acq: 26 Sep 2023 09:26

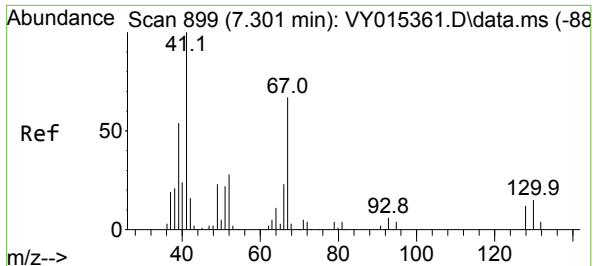
Tgt Ion: 78 Resp: 332808

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.6

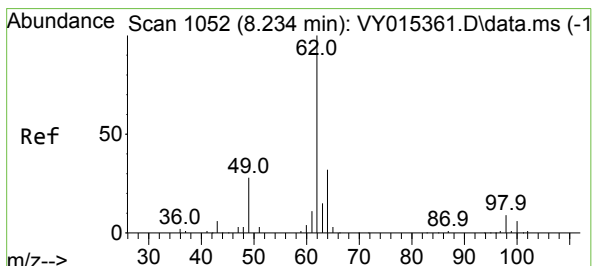
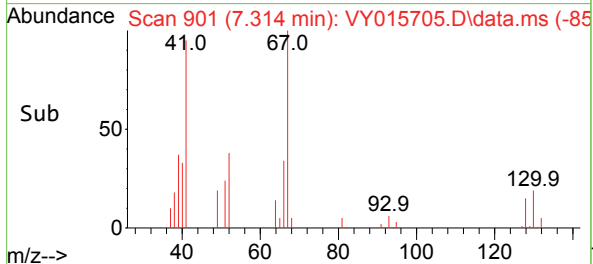
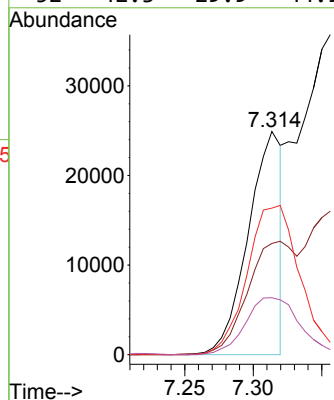
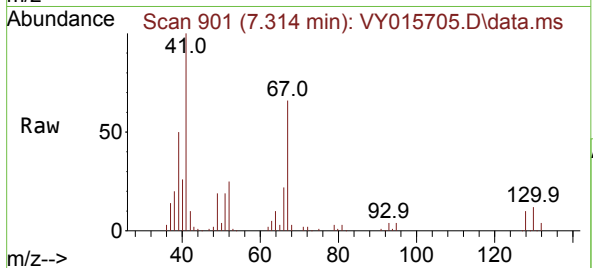




#41
Methacrylonitrile
Concen: 35.001 ug/l
RT: 7.314 min Scan# 901
Delta R.T. 0.001 min
Lab File: VY015705.D
Acq: 26 Sep 2023 09:26

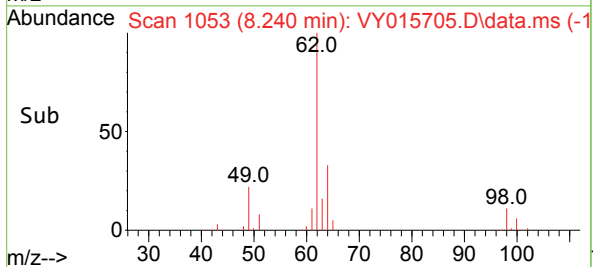
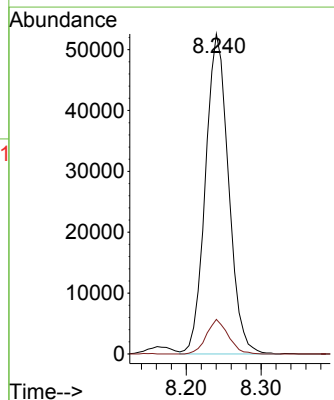
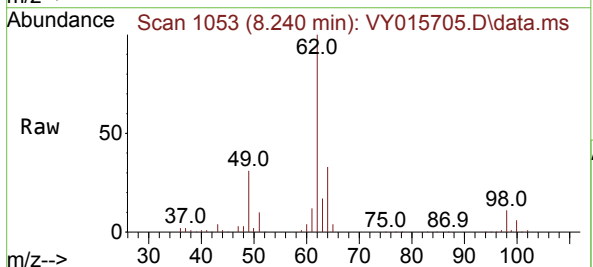
Instrument :
MSVOA_Y
ClientSampleId :

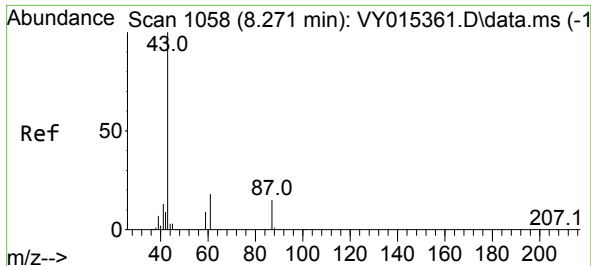
Tgt Ion: 41 Resp: 42592
Ion Ratio Lower Upper
41 100
39 72.9 52.1 78.1
67 106.1 66.2 99.2#
52 42.3 29.9 44.9



#42
1,2-Dichloroethane
Concen: 47.763 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY015705.D
Acq: 26 Sep 2023 09:26

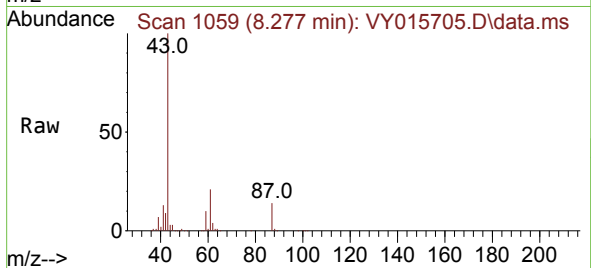
Tgt Ion: 62 Resp: 113027
Ion Ratio Lower Upper
62 100
98 10.2 0.0 15.8



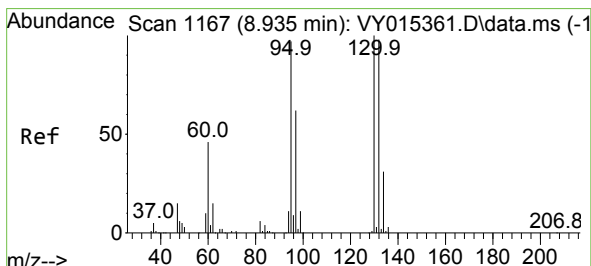
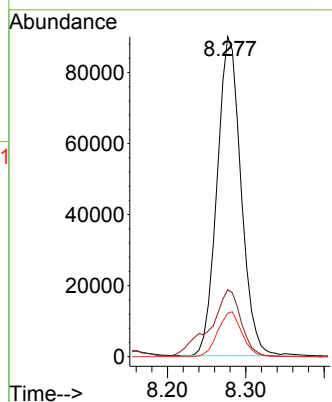
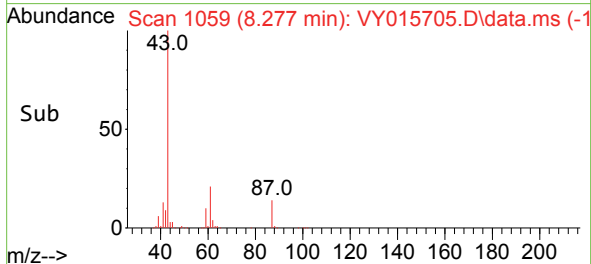


#43
Isopropyl Acetate
Concen: 49.426 ug/l
RT: 8.277 min Scan# 1105
Delta R.T. 0.013 min
Lab File: VY015705.D
Acq: 26 Sep 2023 09:26

Instrument :
MSVOA_Y
ClientSampleId :

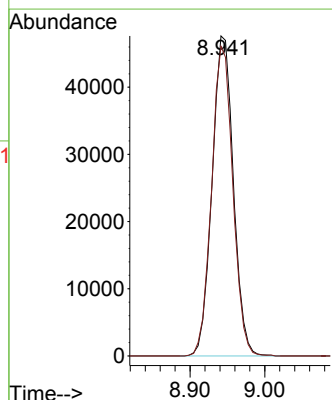
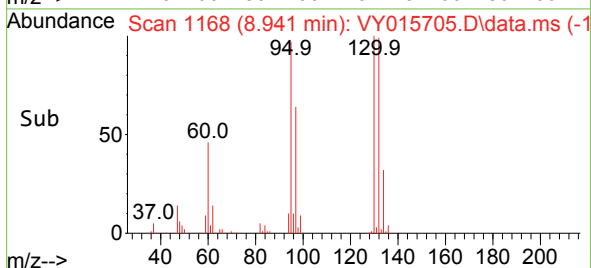
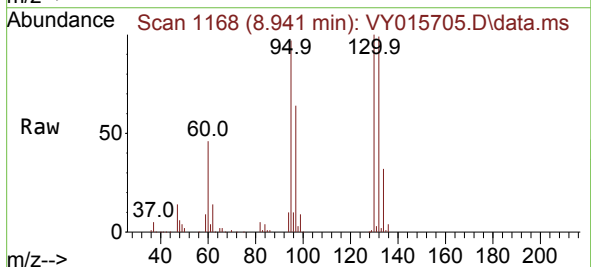


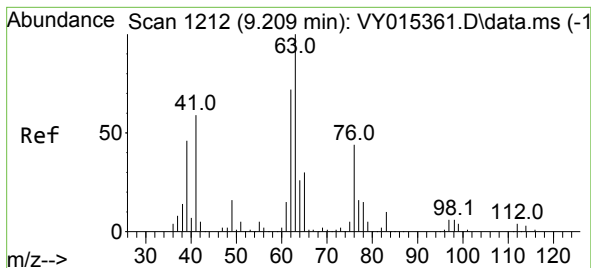
Tgt Ion: 43 Resp: 190812
Ion Ratio Lower Upper
43 100
61 27.4 21.1 31.7
87 14.2 9.8 14.8



#44
Trichloroethene
Concen: 48.748 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY015705.D
Acq: 26 Sep 2023 09:26

Tgt Ion:130 Resp: 94077
Ion Ratio Lower Upper
130 100
95 96.7 0.0 196.0





#45

1,2-Dichloropropane

Concen: 48.037 ug/l

RT: 9.222 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY015705.D

Acq: 26 Sep 2023 09:26

Instrument :

MSVOA_Y

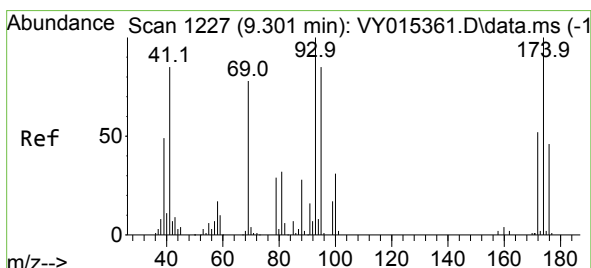
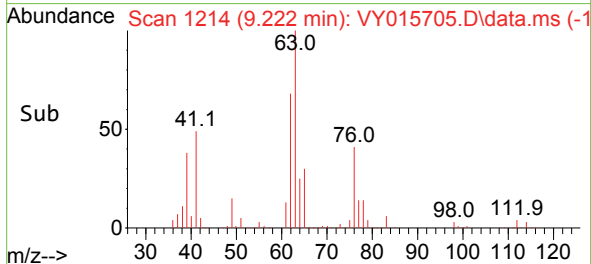
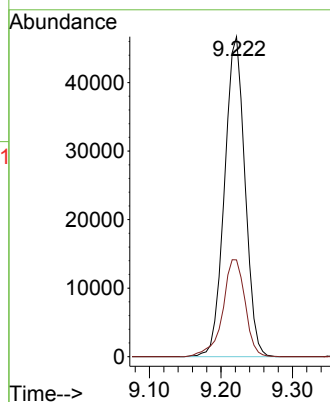
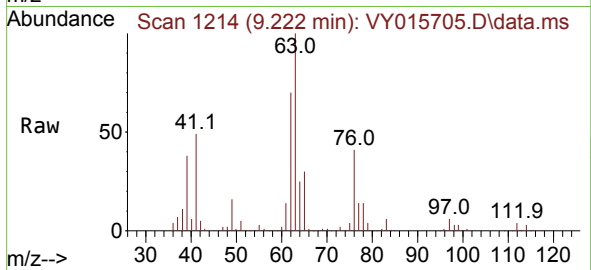
ClientSampleId :

Tgt Ion: 63 Resp: 92561

Ion Ratio Lower Upper

63 100

65 30.3 23.8 35.6



#46

Dibromomethane

Concen: 48.878 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.012 min

Lab File: VY015705.D

Acq: 26 Sep 2023 09:26

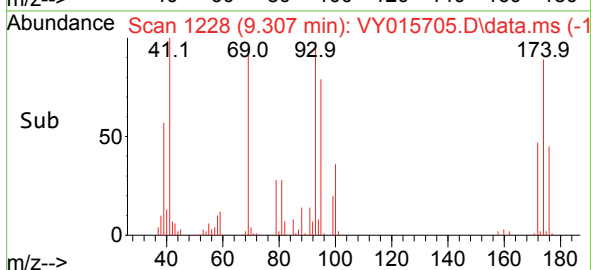
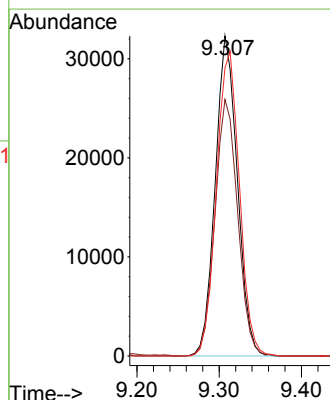
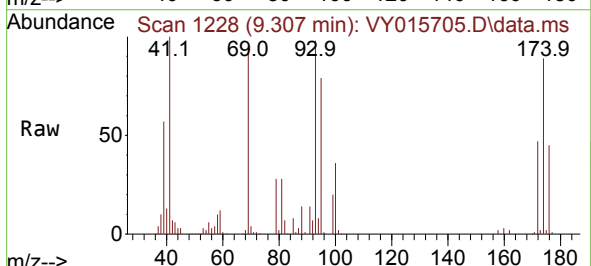
Tgt Ion: 93 Resp: 60246

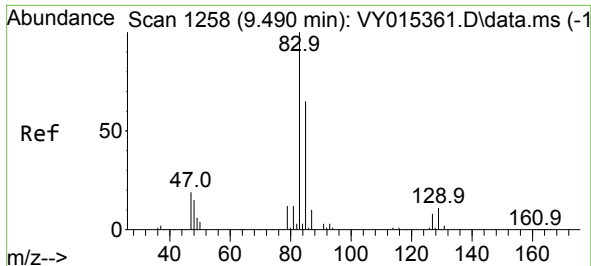
Ion Ratio Lower Upper

93 100

95 82.6 66.6 100.0

174 99.2 84.8 127.2

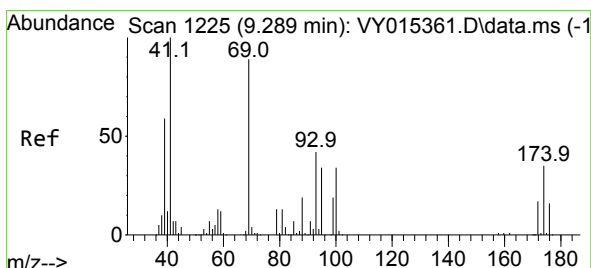
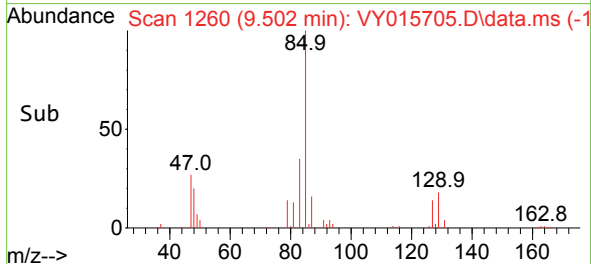
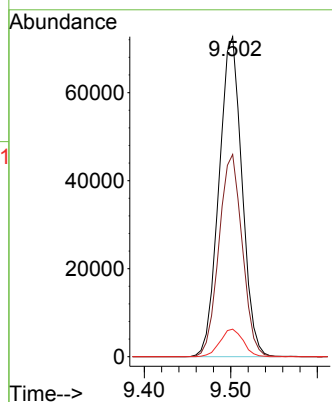
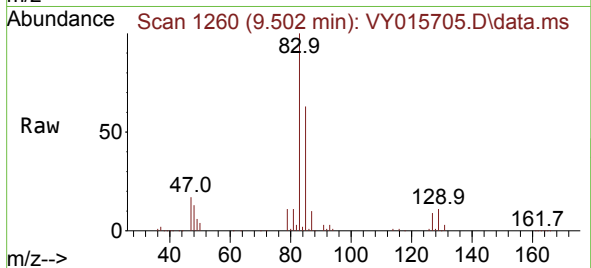




#47
Bromodichloromethane
Concen: 48.722 ug/l
RT: 9.502 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY015705.D
Acq: 26 Sep 2023 09:26

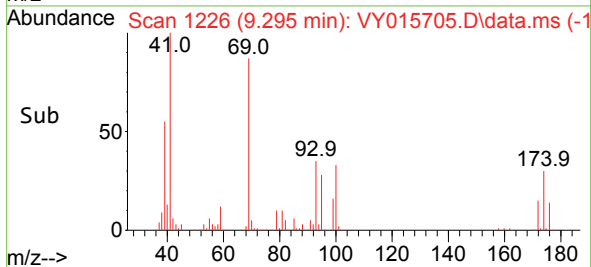
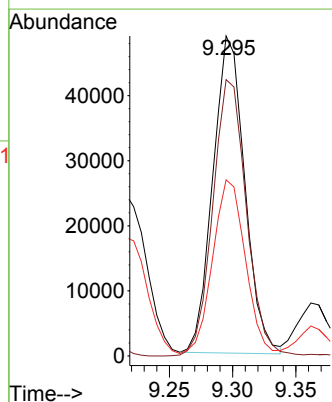
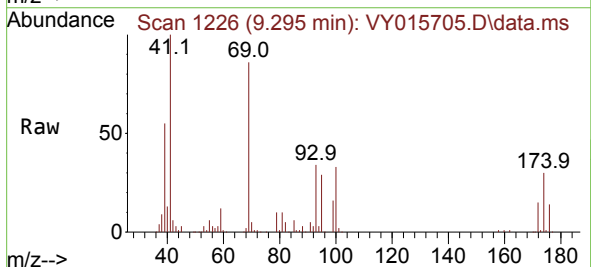
Instrument :
MSVOA_Y
ClientSampleId :

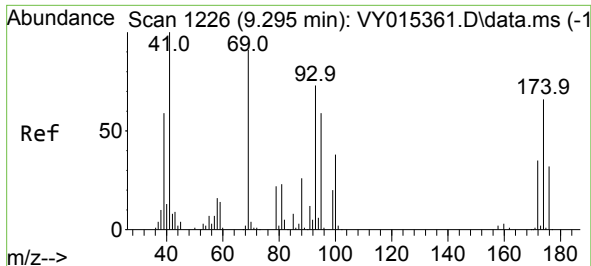
Tgt Ion: 83 Resp: 133856
Ion Ratio Lower Upper
83 100
85 63.2 50.1 75.1
127 8.6 7.1 10.7



#48
Methyl methacrylate
Concen: 50.327 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY015705.D
Acq: 26 Sep 2023 09:26

Tgt Ion: 41 Resp: 85281
Ion Ratio Lower Upper
41 100
69 92.1 64.5 96.7
39 57.4 50.8 76.2





#49

1,4-Dioxane

Concen: 1159.649 ug/l

RT: 9.325 min Scan# 11

Delta R.T. 0.036 min

Lab File: VY015705.D

Acq: 26 Sep 2023 09:26

Instrument :

MSVOA_Y

ClientSampleId :

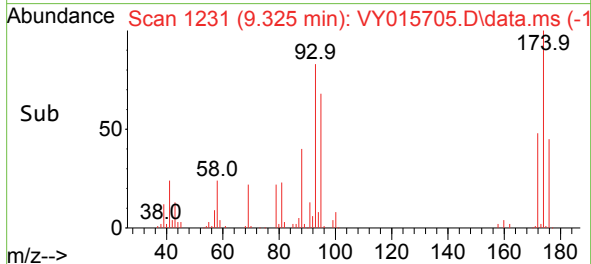
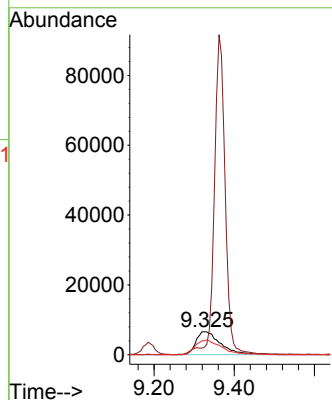
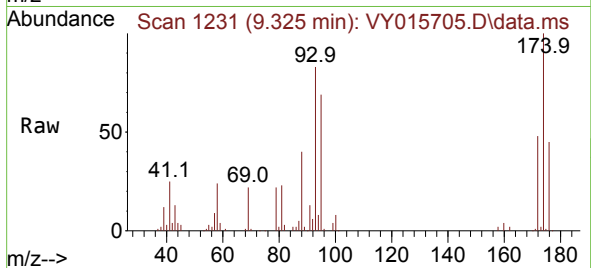
Tgt Ion: 88 Resp: 28238

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 67.3 30.9 46.3#



#50

Toluene-d8

Concen: 44.288 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY015705.D

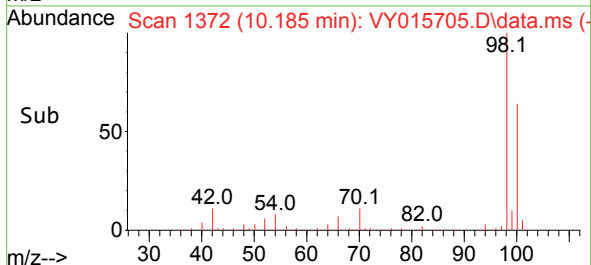
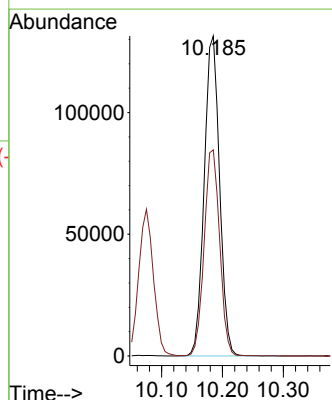
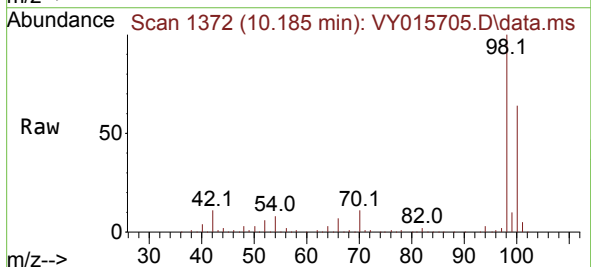
Acq: 26 Sep 2023 09:26

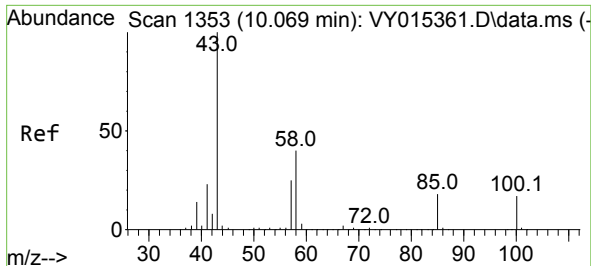
Tgt Ion: 98 Resp: 230112

Ion Ratio Lower Upper

98 100

100 65.1 50.1 75.1

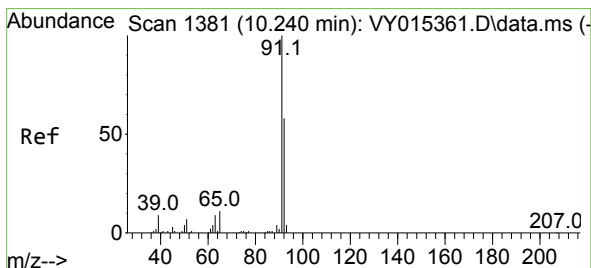
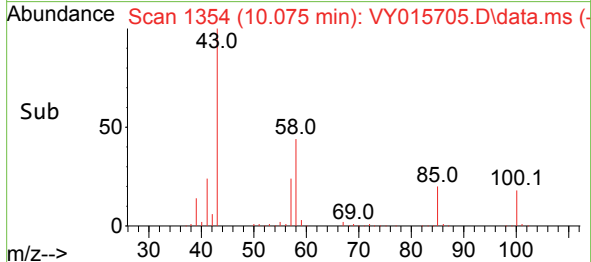
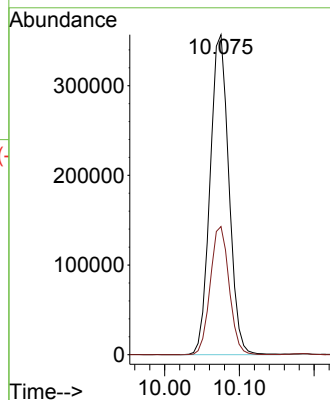
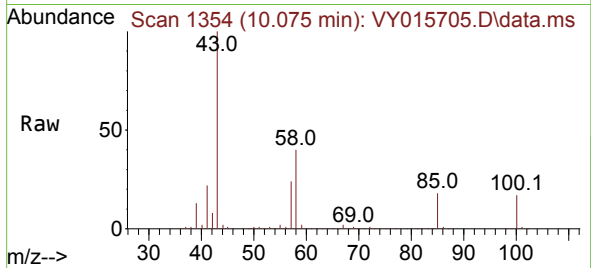




#51
4-Methyl-2-Pentanone
Concen: 260.228 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY015705.D
Acq: 26 Sep 2023 09:26

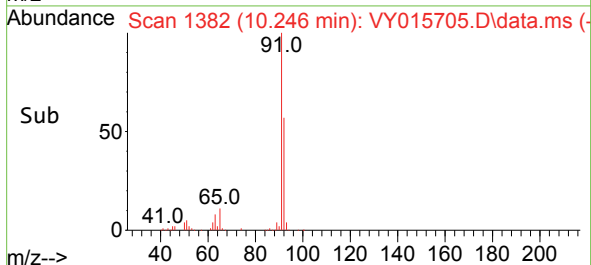
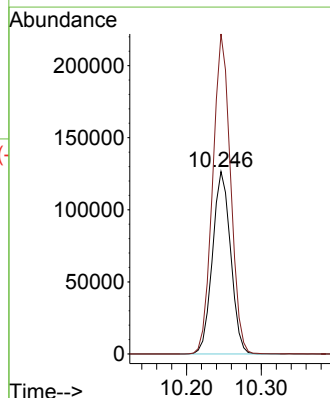
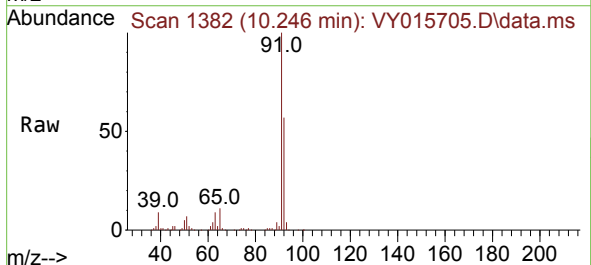
Instrument :
MSVOA_Y
ClientSampleId :

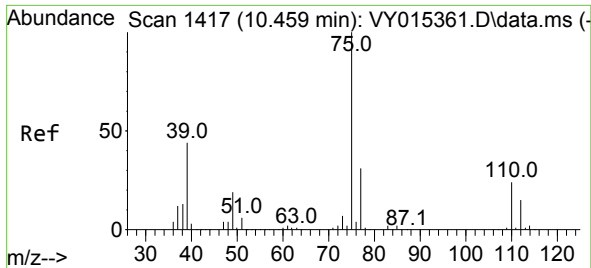
Tgt Ion: 43 Resp: 622681
Ion Ratio Lower Upper
43 100
58 40.3 29.0 43.6



#52
Toluene
Concen: 47.880 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015705.D
Acq: 26 Sep 2023 09:26

Tgt Ion: 92 Resp: 213282
Ion Ratio Lower Upper
92 100
91 172.8 143.8 215.6

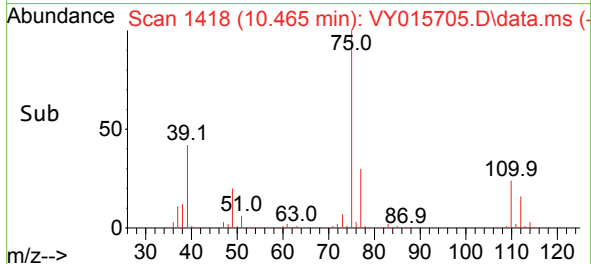
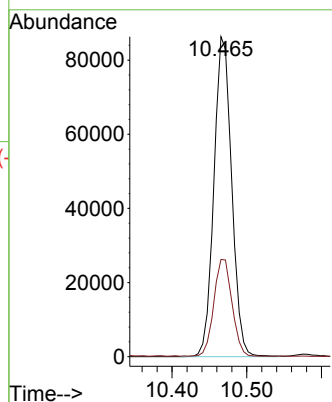
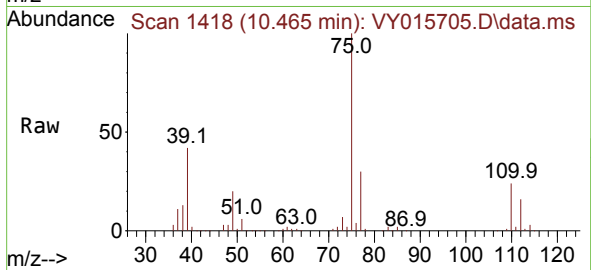




#53
 t-1,3-Dichloropropene
 Concen: 48.374 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY015705.D
 Acq: 26 Sep 2023 09:26

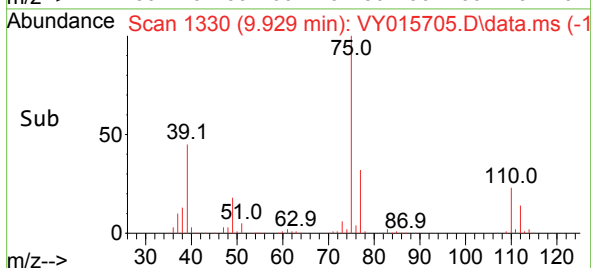
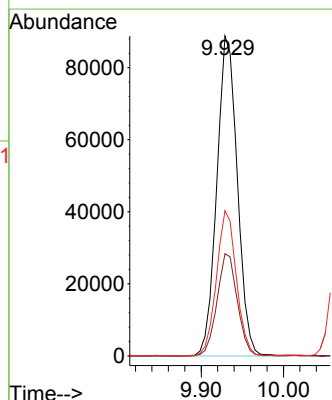
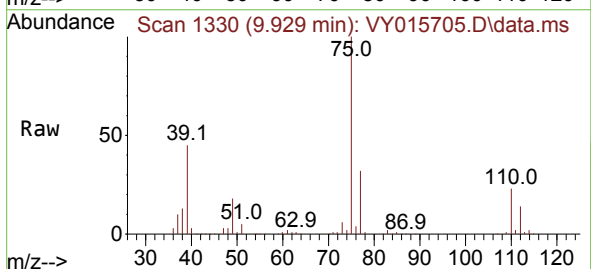
Instrument :
 MSVOA_Y
 ClientSampleId :

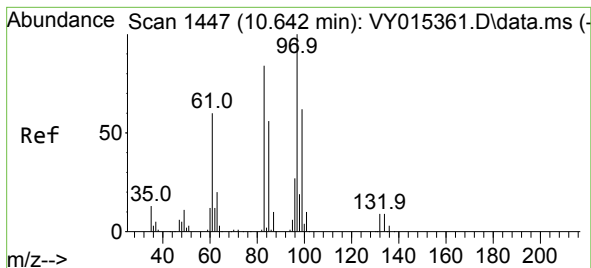
Tgt Ion: 75 Resp: 142519
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 48.570 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY015705.D
 Acq: 26 Sep 2023 09:26

Tgt Ion: 75 Resp: 154032
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.2 36.4
 39 45.3 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 48.563 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY015705.D

Acq: 26 Sep 2023 09:26

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 87720

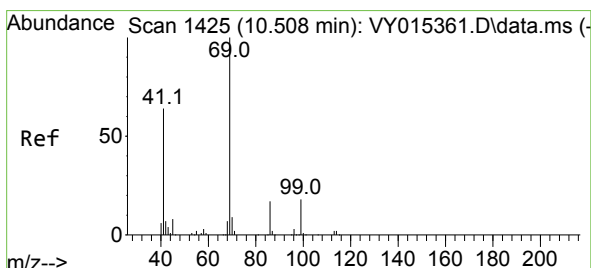
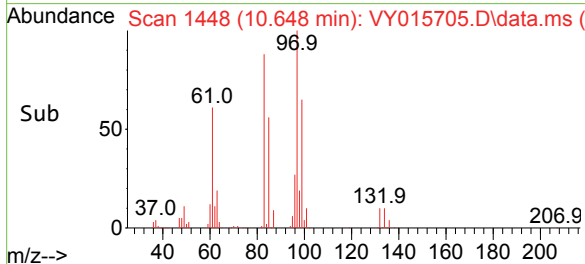
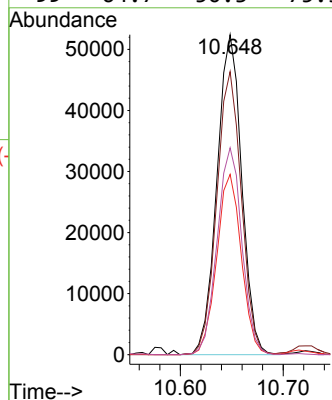
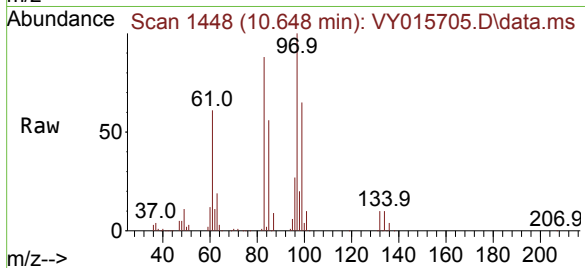
Ion Ratio Lower Upper

97 100

83 88.4 72.0 108.0

85 56.4 45.4 68.0

99 64.7 50.3 75.5



#56

Ethyl methacrylate

Concen: 50.412 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VY015705.D

Acq: 26 Sep 2023 09:26

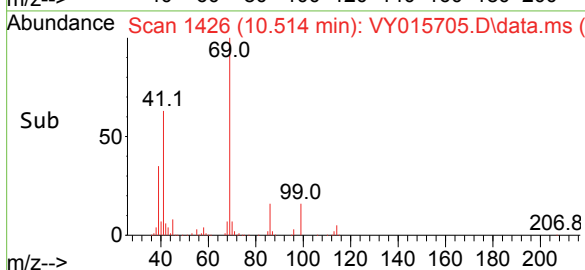
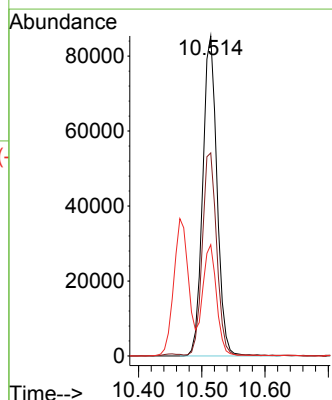
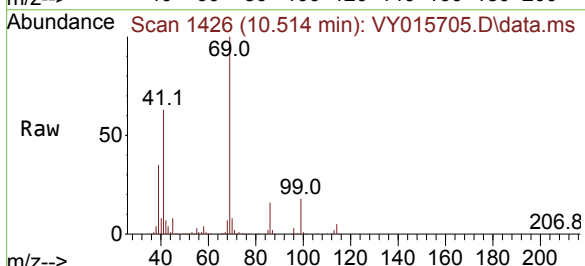
Tgt Ion: 69 Resp: 134192

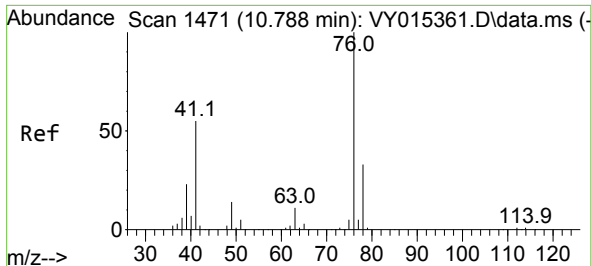
Ion Ratio Lower Upper

69 100

41 63.5 57.6 86.4

39 33.5 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 48.684 ug/l

RT: 10.795 min Scan# 1471

Delta R.T. 0.007 min

Lab File: VY015705.D

Acq: 26 Sep 2023 09:26

Instrument :

MSVOA_Y

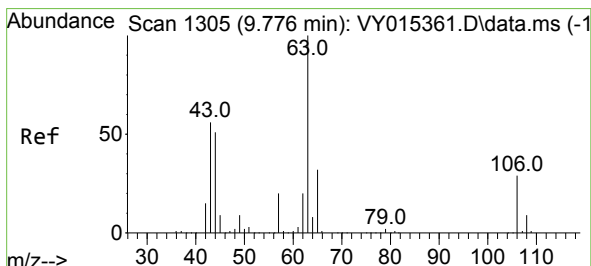
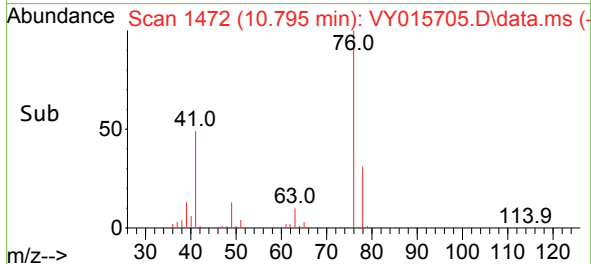
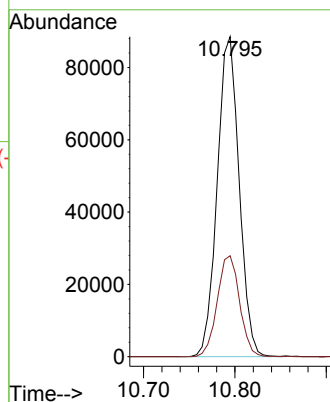
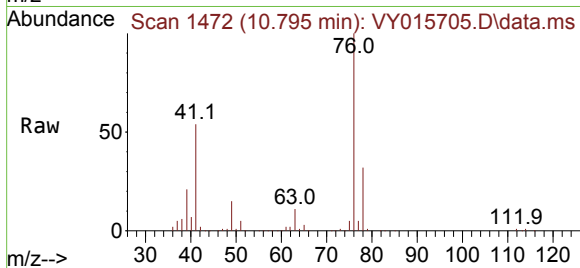
ClientSampleId :

Tgt Ion: 76 Resp: 147470

Ion Ratio Lower Upper

76 100

78 32.1 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 246.094 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.013 min

Lab File: VY015705.D

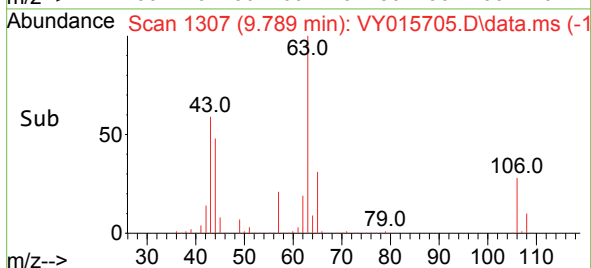
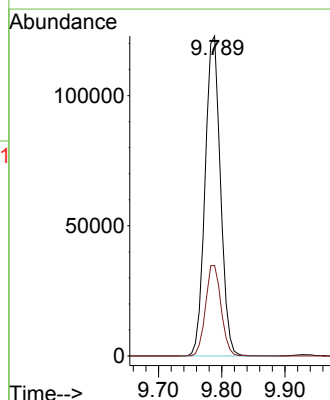
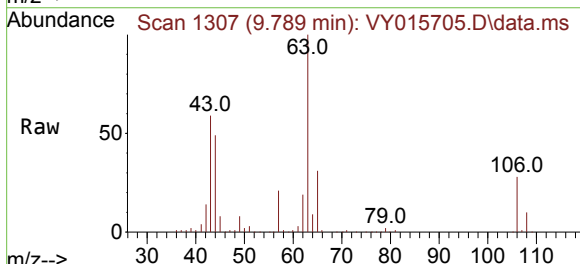
Acq: 26 Sep 2023 09:26

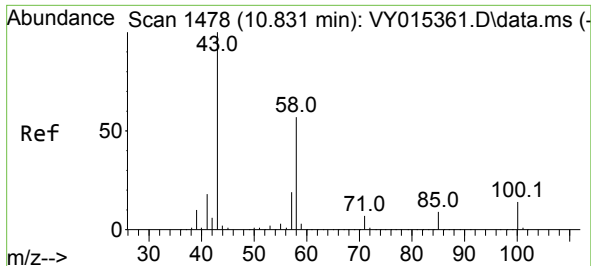
Tgt Ion: 63 Resp: 208083

Ion Ratio Lower Upper

63 100

106 28.7 21.2 31.8

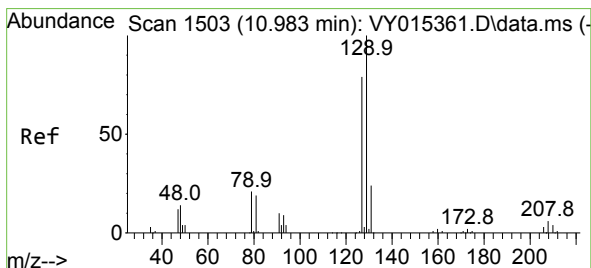
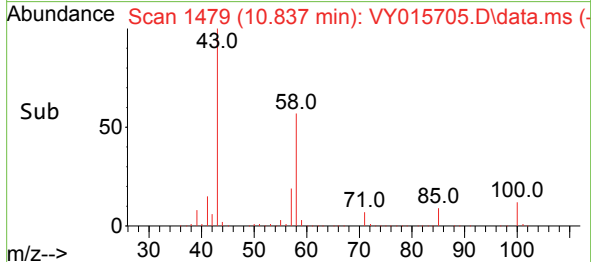
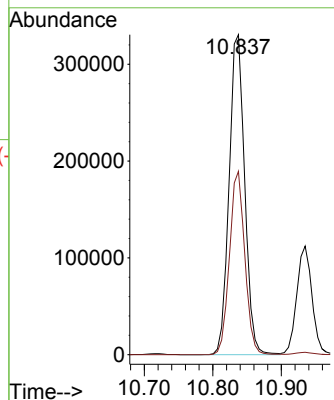
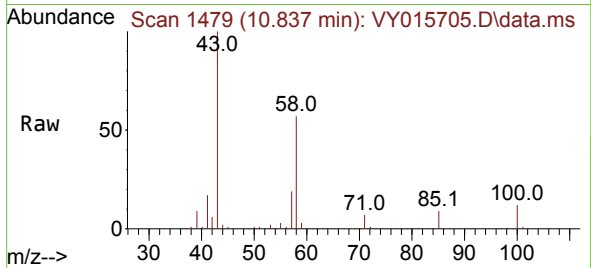




#59
2-Hexanone
Concen: 284.359 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY015705.D
Acq: 26 Sep 2023 09:26

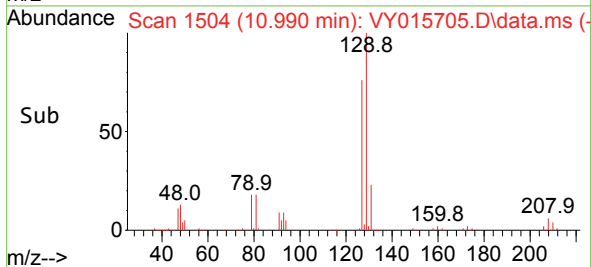
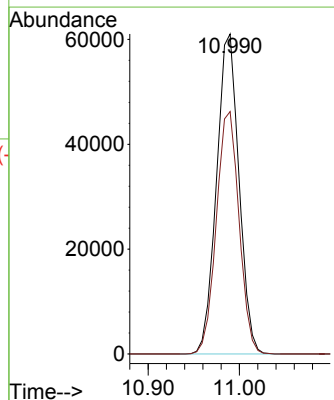
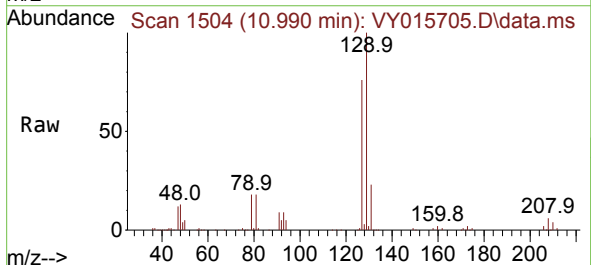
Instrument :
MSVOA_Y
ClientSampleId :

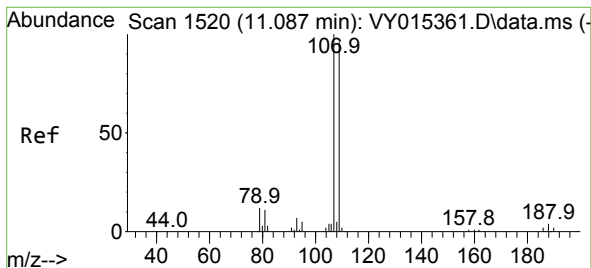
Tgt Ion: 43 Resp: 522027
Ion Ratio Lower Upper
43 100
58 56.4 25.1 75.3



#60
Dibromochloromethane
Concen: 49.380 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.007 min
Lab File: VY015705.D
Acq: 26 Sep 2023 09:26

Tgt Ion:129 Resp: 104120
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.5

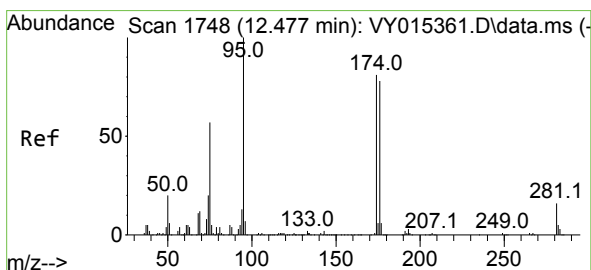
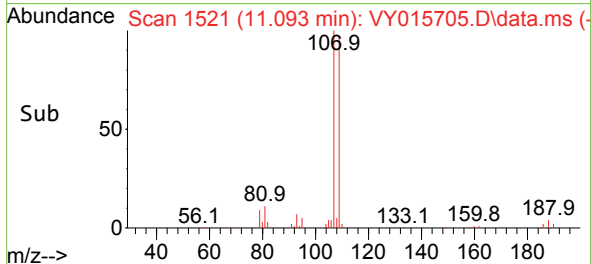
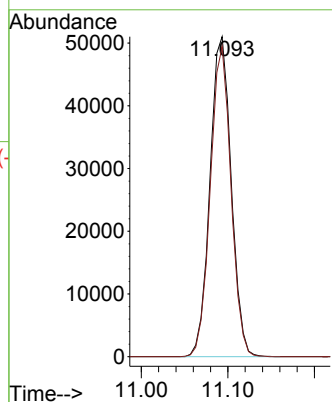
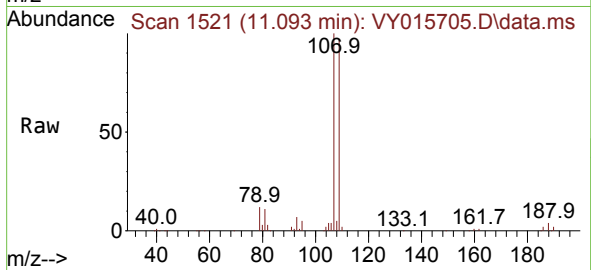




#61
1,2-Dibromoethane
Concen: 49.201 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015705.D
Acq: 26 Sep 2023 09:26

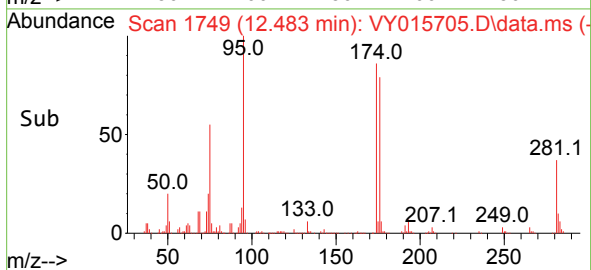
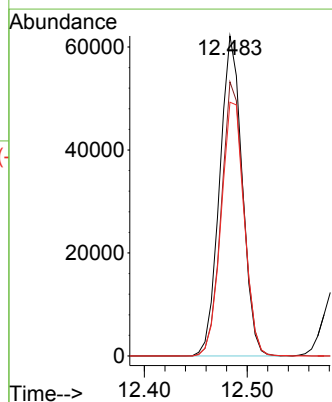
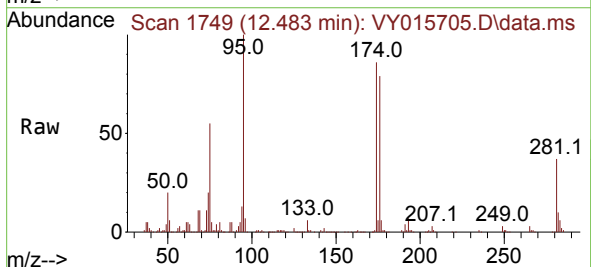
Instrument :
MSVOA_Y
ClientSampleId :

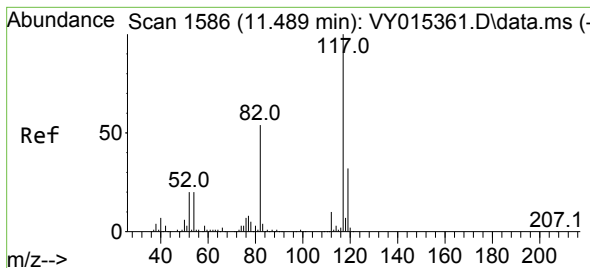
Tgt Ion:107 Resp: 86944
Ion Ratio Lower Upper
107 100
109 94.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 46.322 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015705.D
Acq: 26 Sep 2023 09:26

Tgt Ion: 95 Resp: 94451
Ion Ratio Lower Upper
95 100
174 85.0 0.0 178.2
176 81.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.007 min

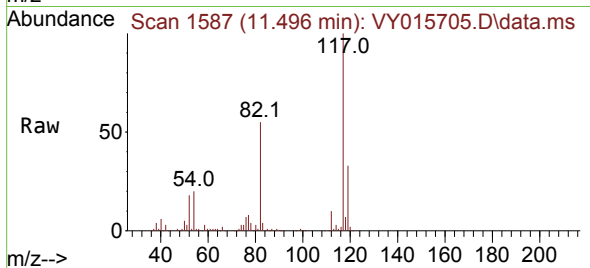
Lab File: VY015705.D

Acq: 26 Sep 2023 09:26

Instrument :

MSVOA_Y

ClientSampleId :



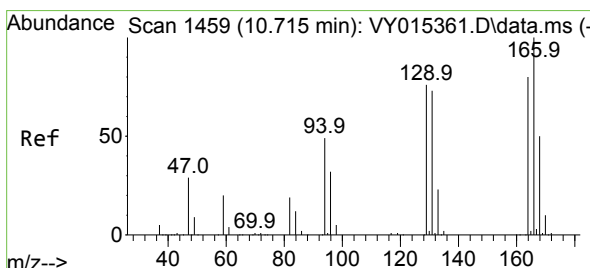
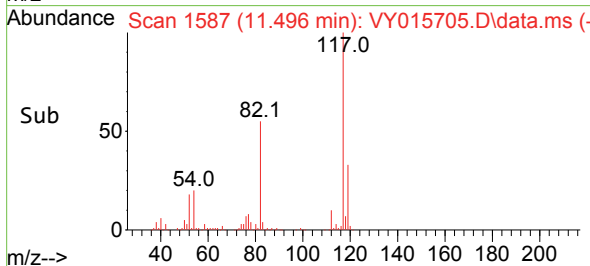
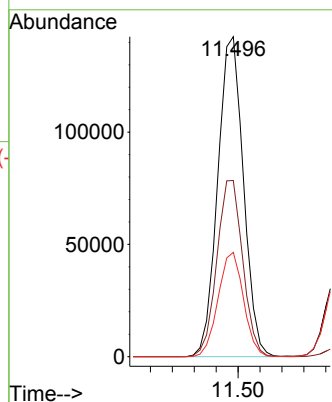
Tgt Ion:117 Resp: 232052

Ion Ratio Lower Upper

117 100

82 55.1 43.4 65.0

119 32.6 26.3 39.5



#64

Tetrachloroethene

Concen: 51.723 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY015705.D

Acq: 26 Sep 2023 09:26

Tgt Ion:164 Resp: 102977

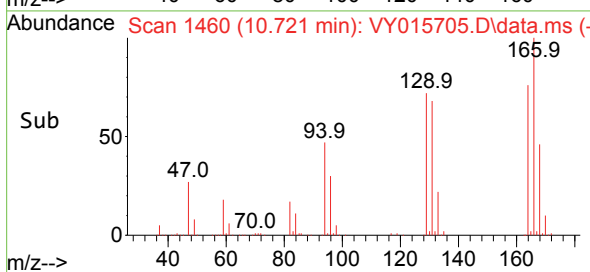
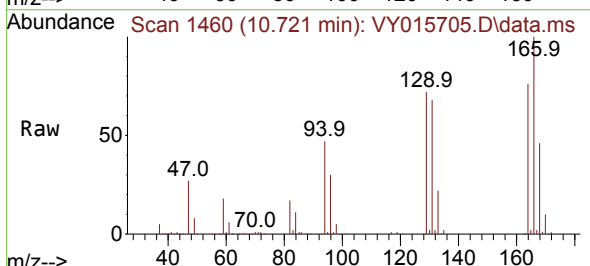
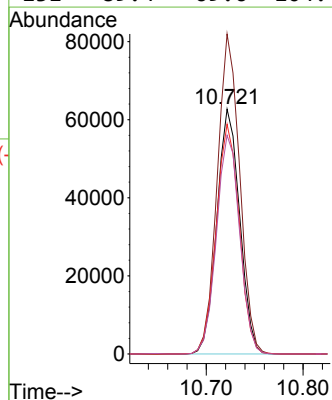
Ion Ratio Lower Upper

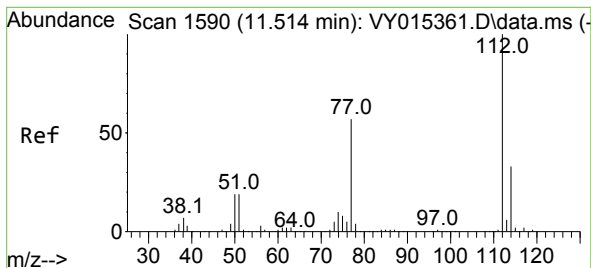
164 100

166 130.8 103.0 154.6

129 93.9 77.2 115.8

131 89.4 69.6 104.4





#65

Chlorobenzene

Concen: 47.540 ug/l

RT: 11.520 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015705.D

Acq: 26 Sep 2023 09:26

Instrument :

MSVOA_Y

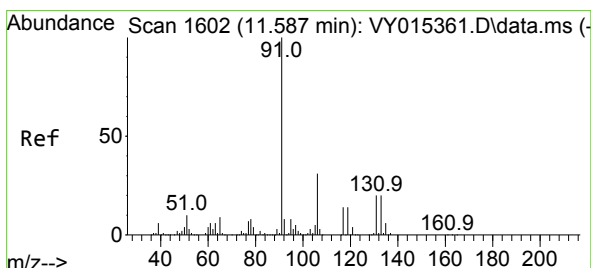
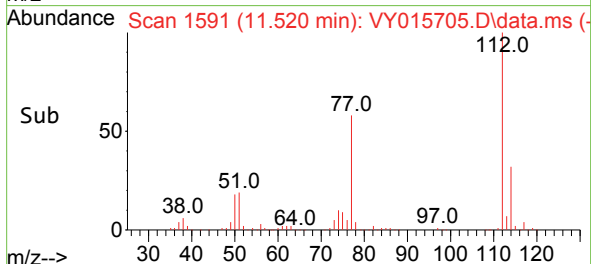
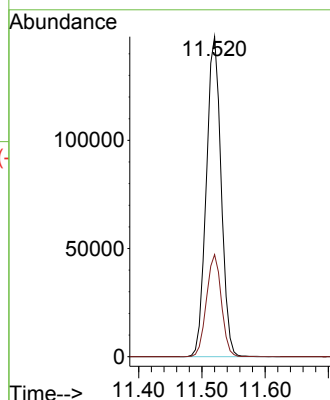
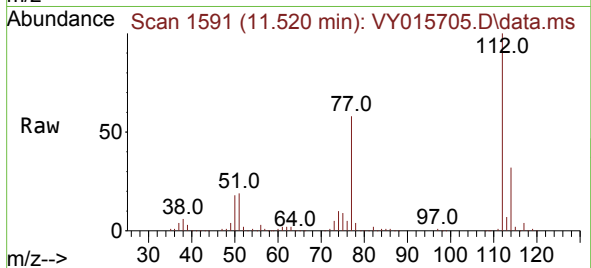
ClientSampleId :

Tgt Ion:112 Resp: 240803

Ion Ratio Lower Upper

112 100

114 31.9 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 49.315 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015705.D

Acq: 26 Sep 2023 09:26

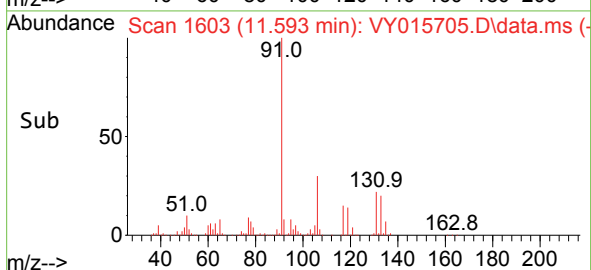
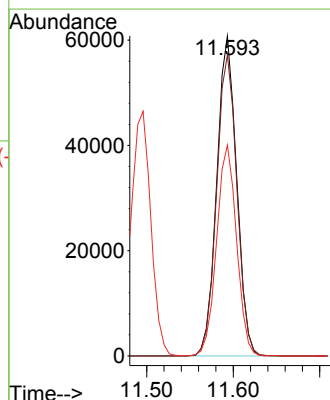
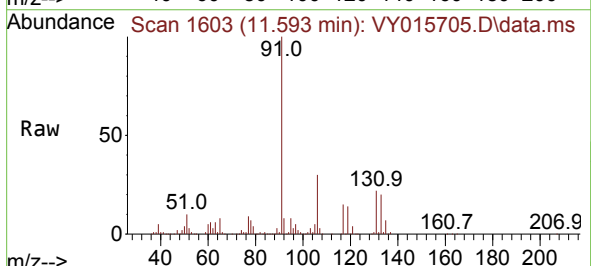
Tgt Ion:131 Resp: 97029

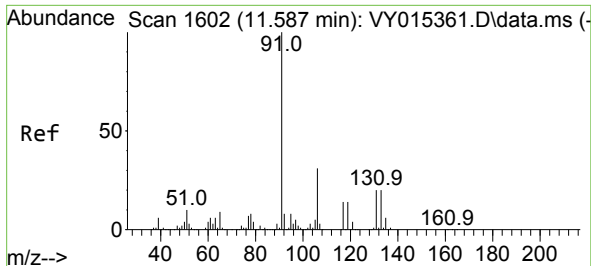
Ion Ratio Lower Upper

131 100

133 95.8 47.5 142.6

119 66.1 31.6 94.7





#67

Ethyl Benzene

Concen: 48.961 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015705.D

Acq: 26 Sep 2023 09:26

Instrument :

MSVOA_Y

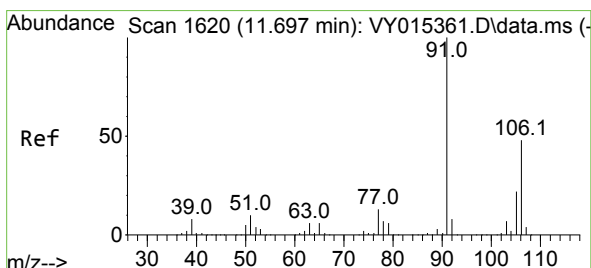
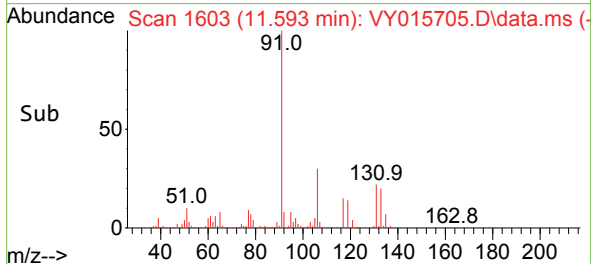
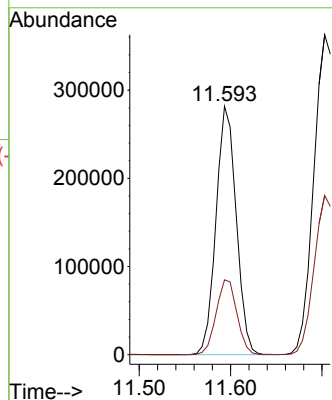
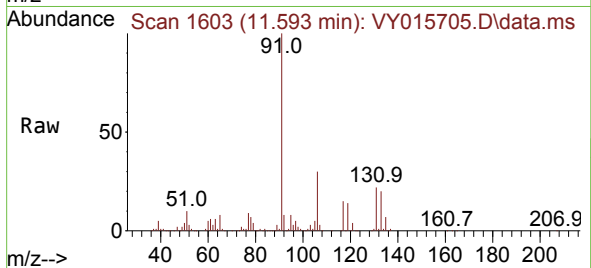
ClientSampleId :

Tgt Ion: 91 Resp: 433469

Ion Ratio Lower Upper

91 100

106 30.2 24.6 36.8



#68

m/p-Xylenes

Concen: 97.723 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY015705.D

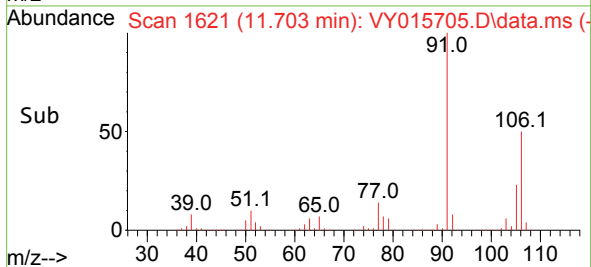
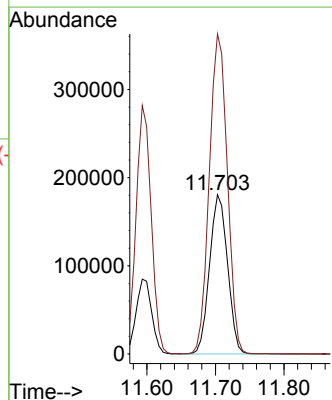
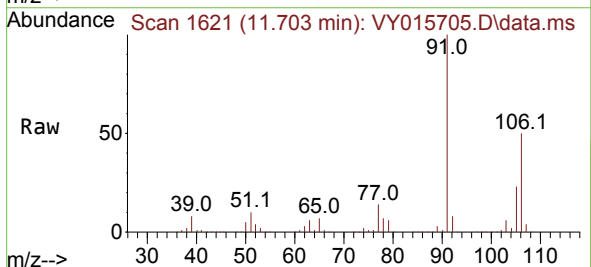
Acq: 26 Sep 2023 09:26

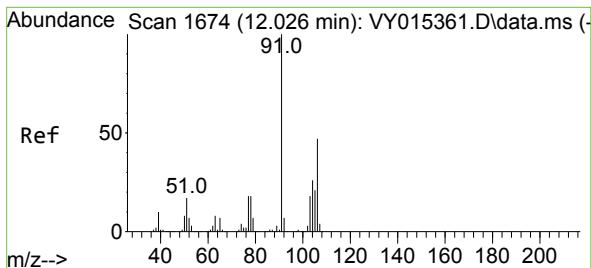
Tgt Ion:106 Resp: 328845

Ion Ratio Lower Upper

106 100

91 202.0 166.1 249.1





#69

o-Xylene

Concen: 48.791 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. 0.006 min

Lab File: VY015705.D

Acq: 26 Sep 2023 09:26

Instrument :

MSVOA_Y

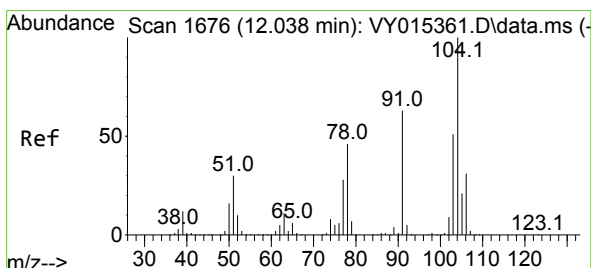
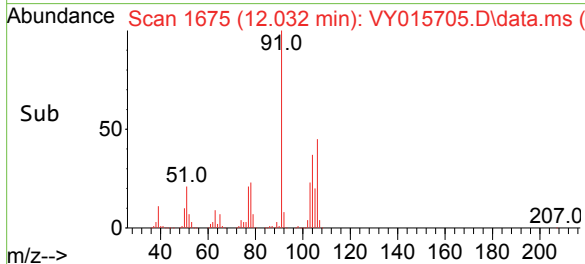
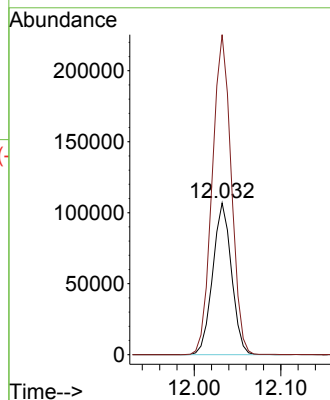
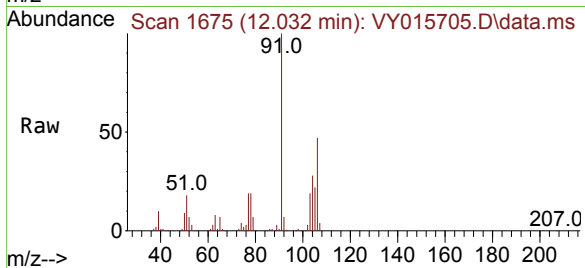
ClientSampleId :

Tgt Ion:106 Resp: 160997

Ion Ratio Lower Upper

106 100

91 214.4 108.1 324.3



#70

Styrene

Concen: 49.671 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY015705.D

Acq: 26 Sep 2023 09:26

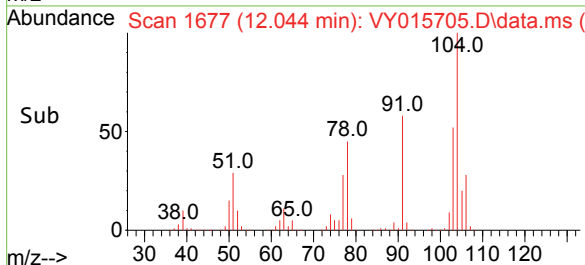
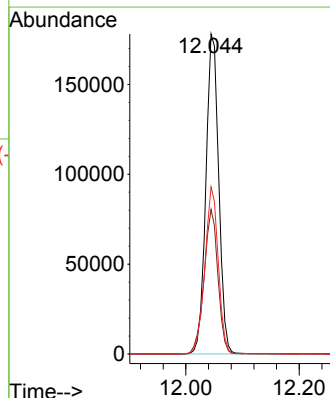
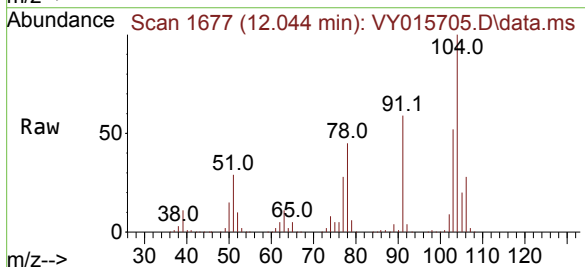
Tgt Ion:104 Resp: 280548

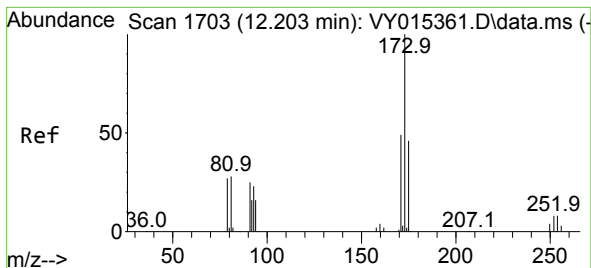
Ion Ratio Lower Upper

104 100

78 48.4 41.5 62.3

103 54.7 44.6 67.0





#71

Bromoform

Concen: 52.062 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015705.D

Acq: 26 Sep 2023 09:26

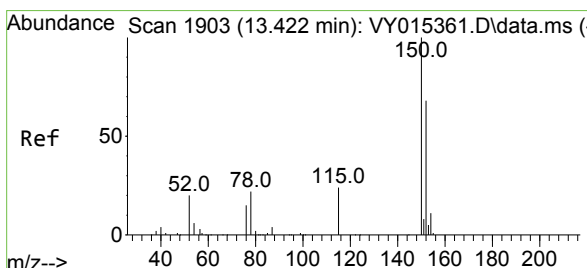
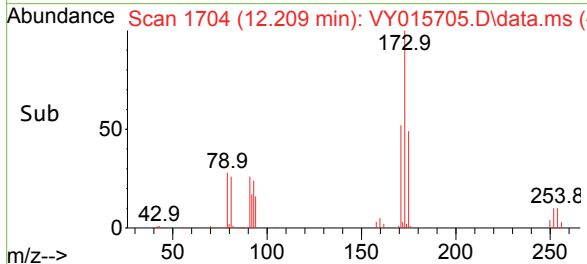
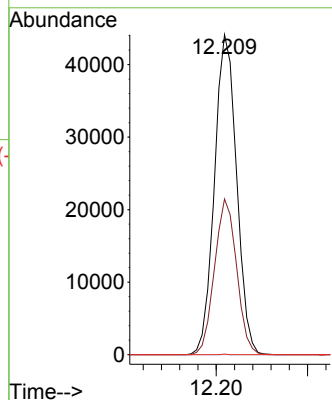
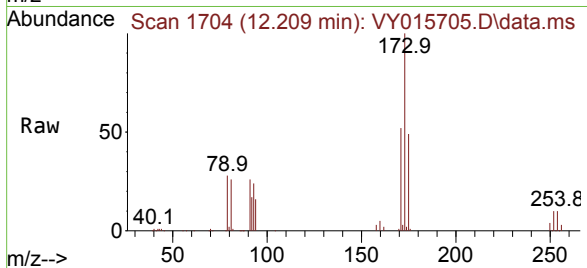
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173 Resp: 74229

Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.6	73.8
254	0.0	0.2	0.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

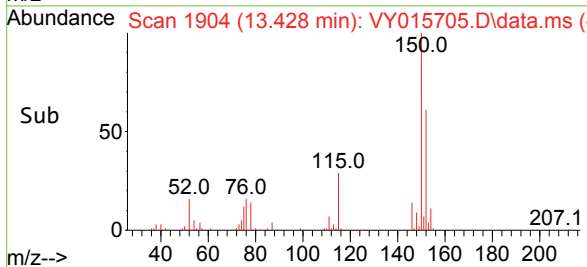
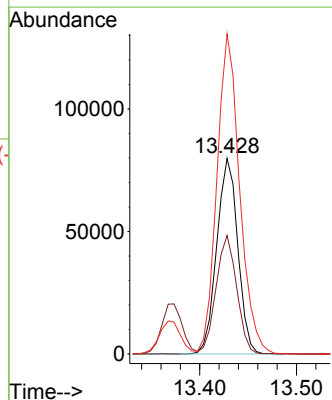
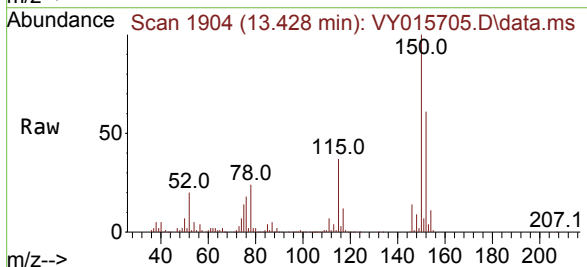
Delta R.T. 0.006 min

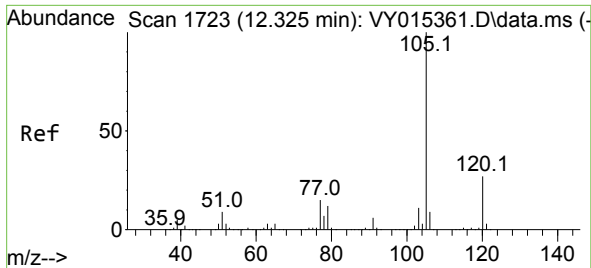
Lab File: VY015705.D

Acq: 26 Sep 2023 09:26

Tgt Ion:152 Resp: 120442

Ion	Ratio	Lower	Upper
152	100		
115	59.5	28.8	86.5
150	176.6	0.0	348.8

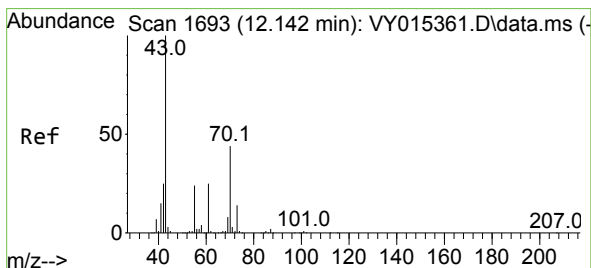
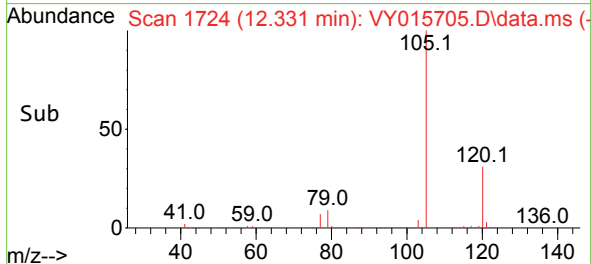
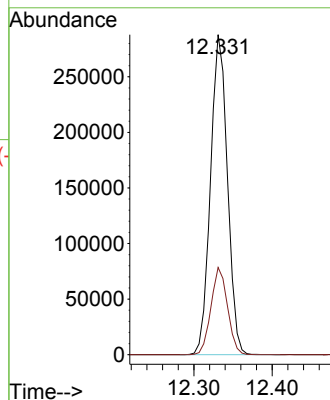
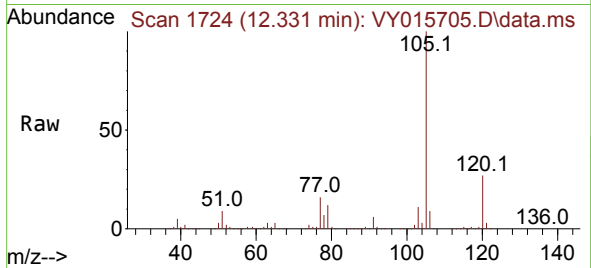




#73
Isopropylbenzene
Concen: 47.692 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY015705.D
Acq: 26 Sep 2023 09:26

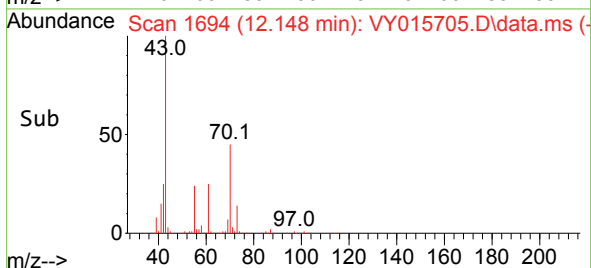
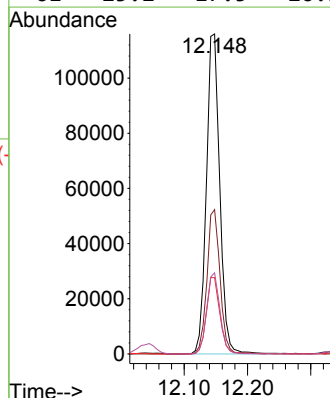
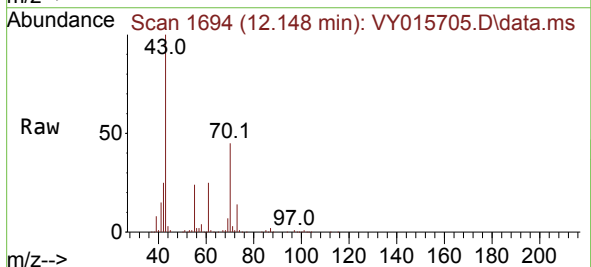
Instrument :
MSVOA_Y
ClientSampleId :

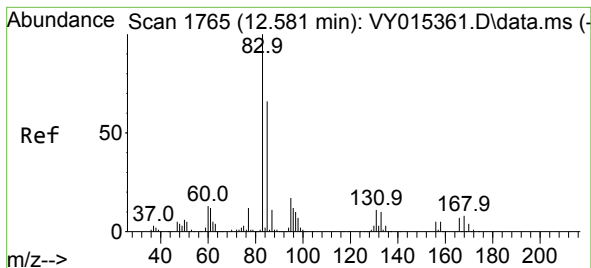
Tgt Ion:105 Resp: 430911
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9



#74
N-ethyl acetate
Concen: 50.280 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY015705.D
Acq: 26 Sep 2023 09:26

Tgt Ion: 43 Resp: 170746
Ion Ratio Lower Upper
43 100
70 44.3 29.7 44.5
55 24.0 18.3 27.5
61 25.2 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 49.358 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.006 min

Lab File: VY015705.D

Acq: 26 Sep 2023 09:26

Instrument :

MSVOA_Y

ClientSampleId :

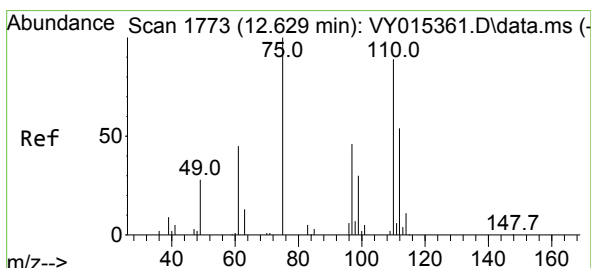
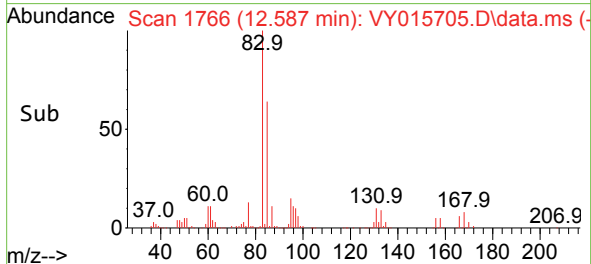
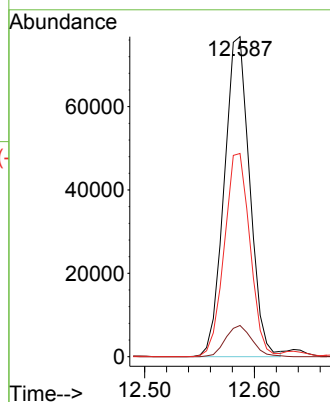
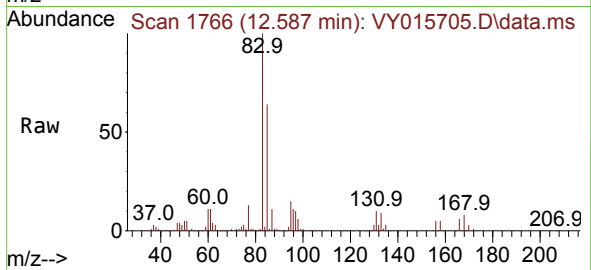
Tgt Ion: 83 Resp: 124116

Ion Ratio Lower Upper

83 100

131 10.1 5.4 16.2

85 64.1 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 85.148 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.007 min

Lab File: VY015705.D

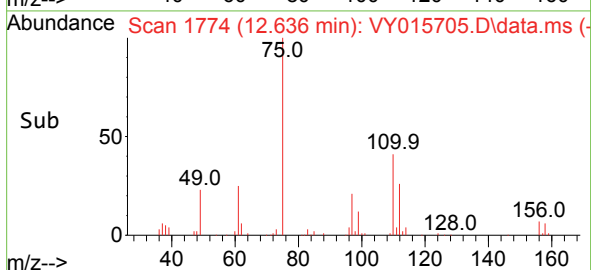
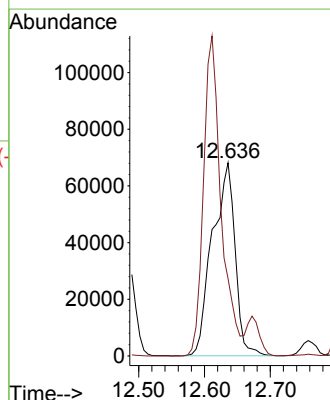
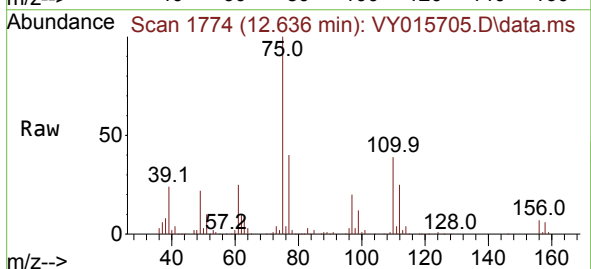
Acq: 26 Sep 2023 09:26

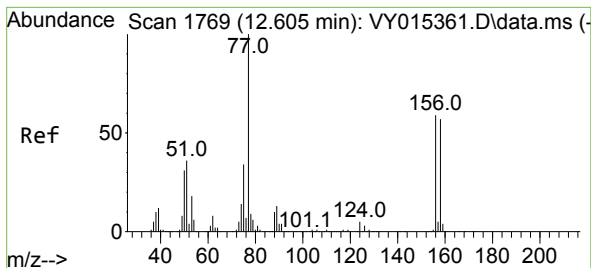
Tgt Ion: 75 Resp: 163607

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.995 ug/l

RT: 12.611 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015705.D

Acq: 26 Sep 2023 09:26

Instrument :

MSVOA_Y

ClientSampleId :

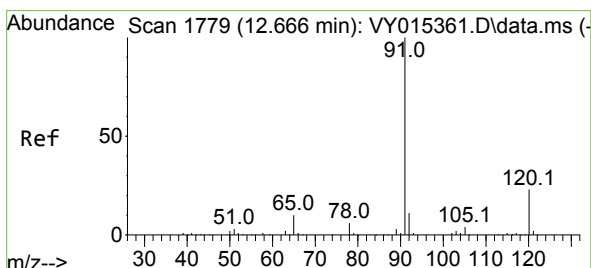
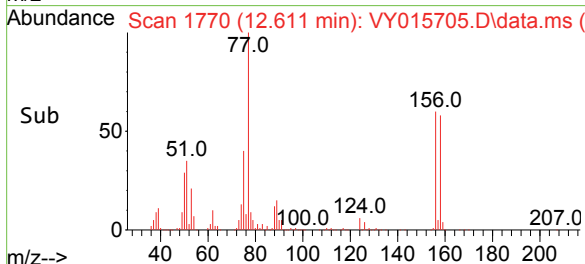
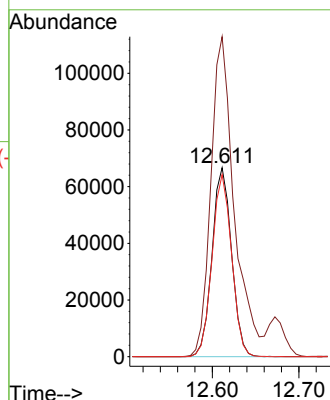
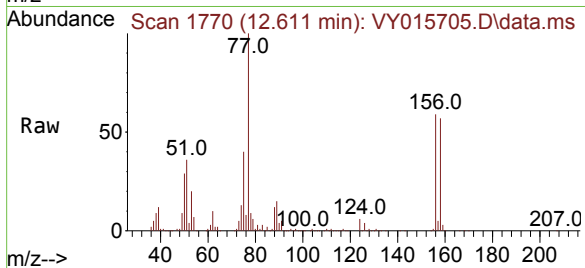
Tgt Ion:156 Resp: 104229

Ion Ratio Lower Upper

156 100

77 201.4 92.8 278.6

158 96.6 48.4 145.3



#78

n-propylbenzene

Concen: 47.538 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015705.D

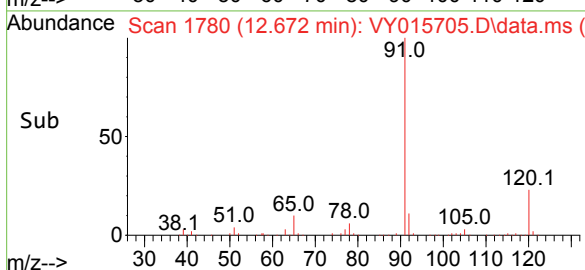
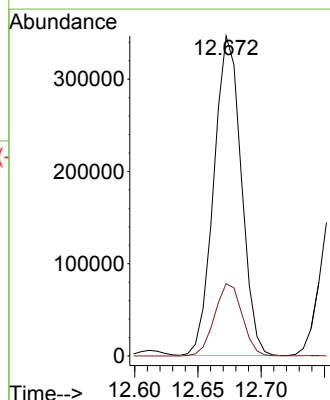
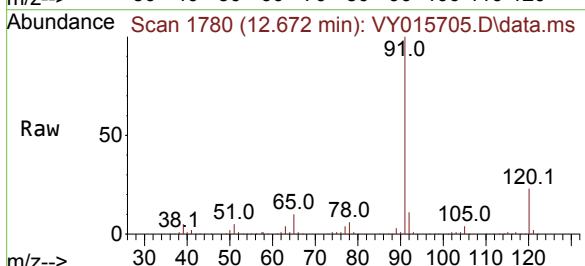
Acq: 26 Sep 2023 09:26

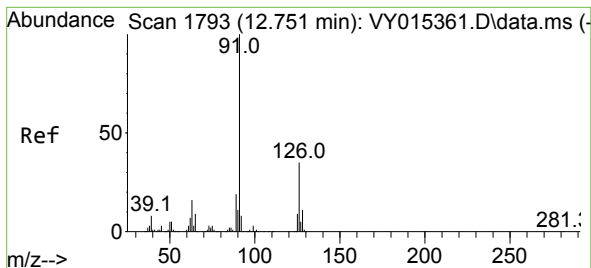
Tgt Ion: 91 Resp: 521800

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.4





#79

2-Chlorotoluene

Concen: 47.512 ug/l

RT: 12.758 min Scan# 1794

Delta R.T. 0.007 min

Lab File: VY015705.D

Acq: 26 Sep 2023 09:26

Instrument :

MSVOA_Y

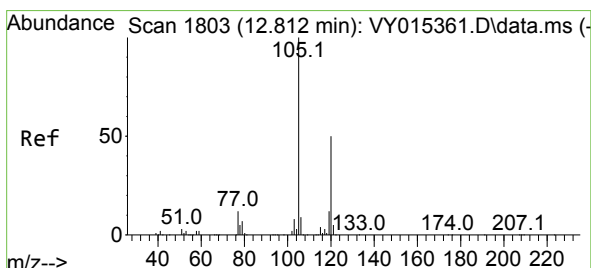
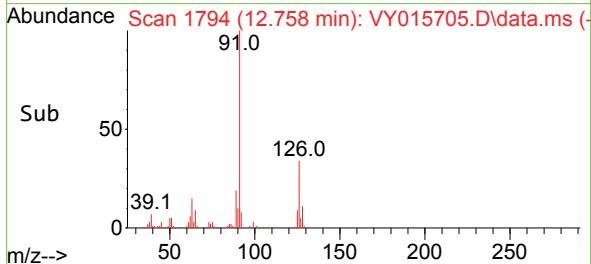
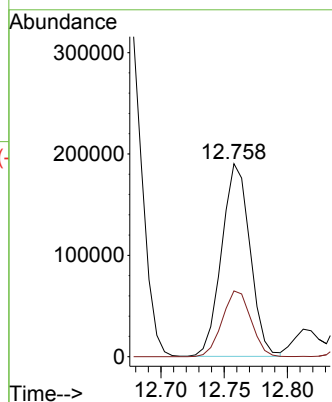
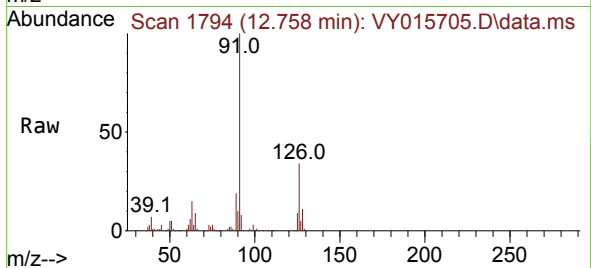
ClientSampleId :

Tgt Ion: 91 Resp: 297276

Ion Ratio Lower Upper

91 100

126 34.5 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 47.773 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.001 min

Lab File: VY015705.D

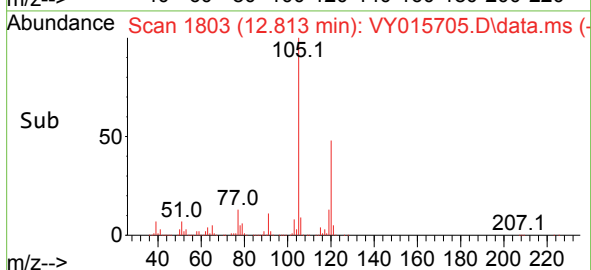
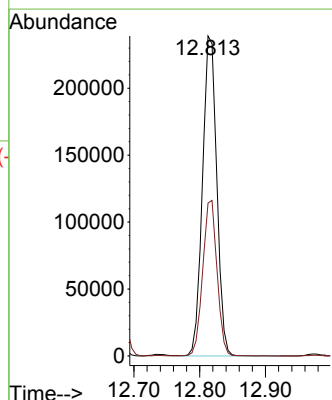
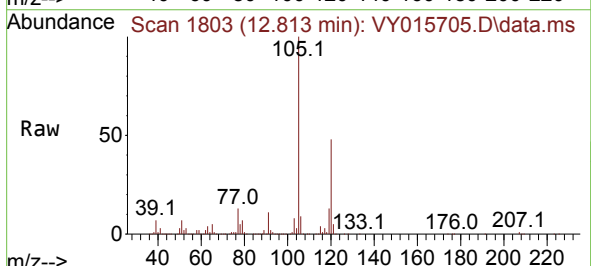
Acq: 26 Sep 2023 09:26

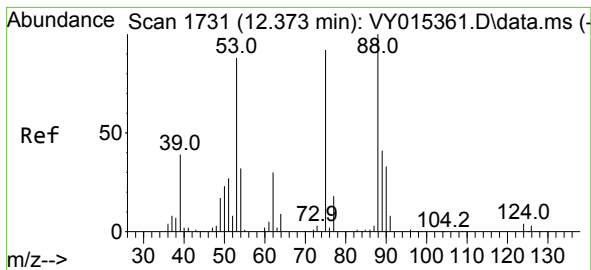
Tgt Ion: 105 Resp: 361354

Ion Ratio Lower Upper

105 100

120 48.8 23.9 71.7

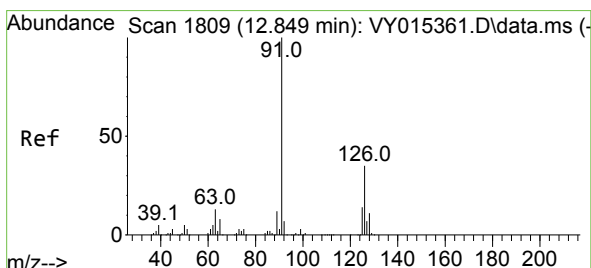
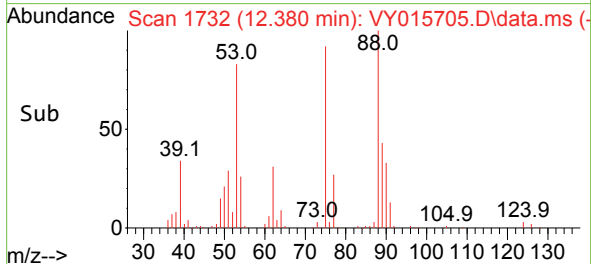
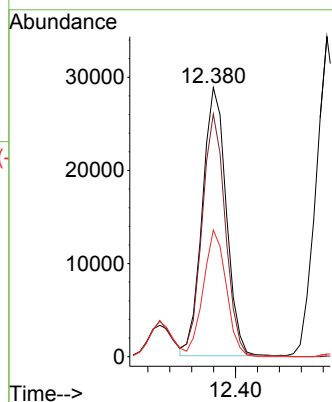
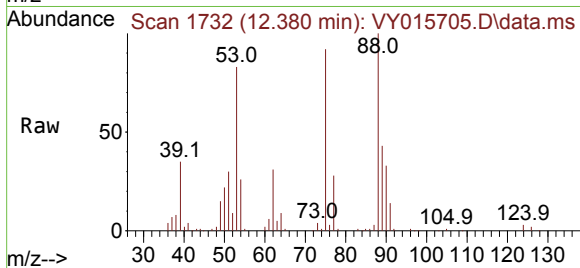




#81
trans-1,4-Dichloro-2-butene
Concen: 51.167 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015705.D
Acq: 26 Sep 2023 09:26

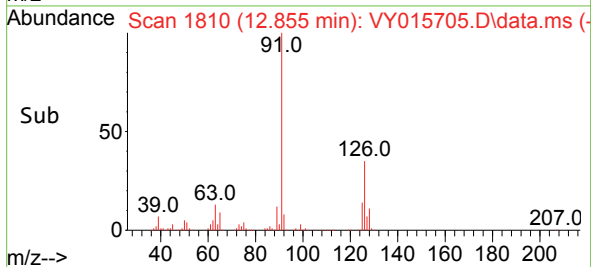
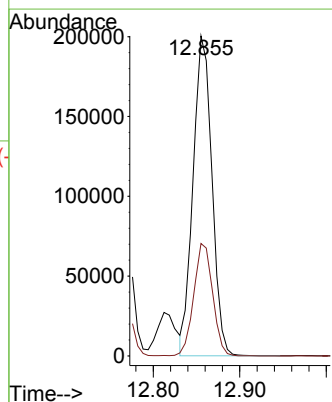
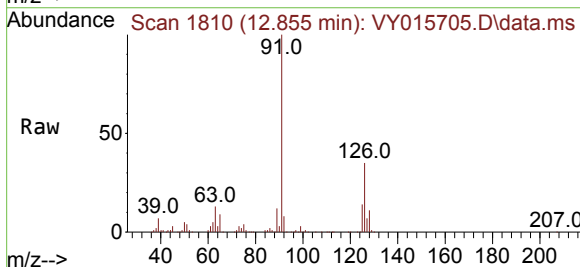
Instrument :
MSVOA_Y
ClientSampleId :

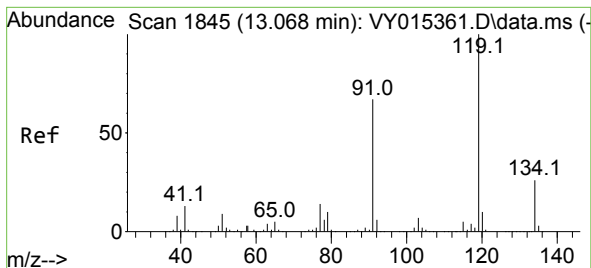
Tgt Ion: 75 Resp: 43659
Ion Ratio Lower Upper
75 100
53 88.6 77.8 116.8
89 45.0 37.4 56.0



#82
4-Chlorotoluene
Concen: 46.398 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY015705.D
Acq: 26 Sep 2023 09:26

Tgt Ion: 91 Resp: 303056
Ion Ratio Lower Upper
91 100
126 35.4 17.2 51.6





#83

tert-Butylbenzene

Concen: 48.531 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY015705.D

Acq: 26 Sep 2023 09:26

Instrument :

MSVOA_Y

ClientSampleId :

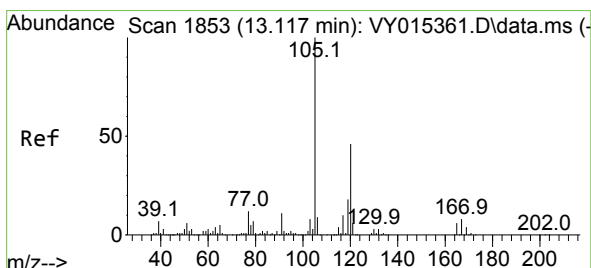
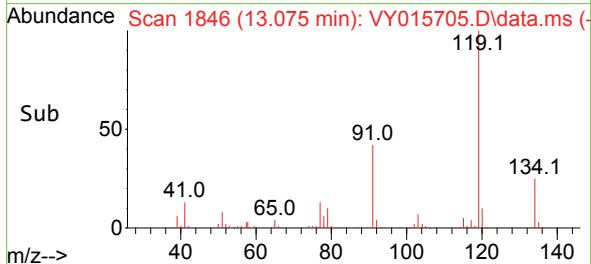
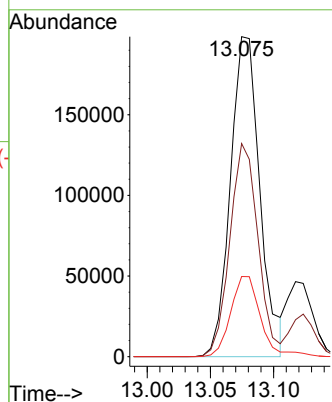
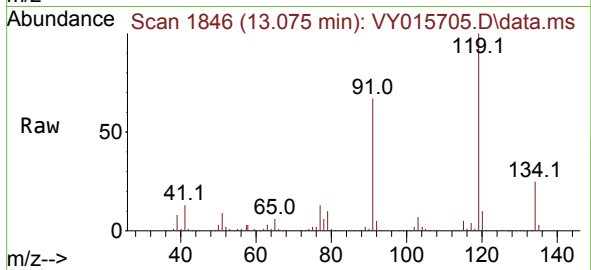
Tgt Ion:119 Resp: 321513

Ion Ratio Lower Upper

119 100

91 63.8 32.9 98.6

134 25.5 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 48.029 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY015705.D

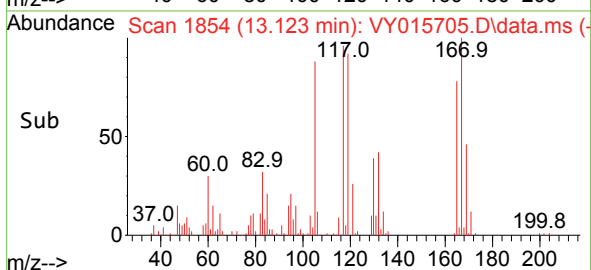
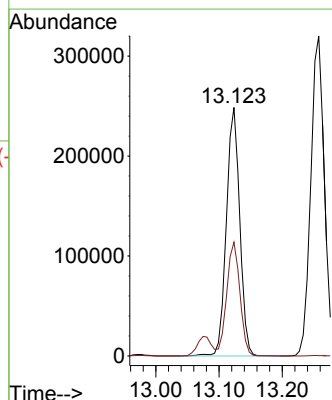
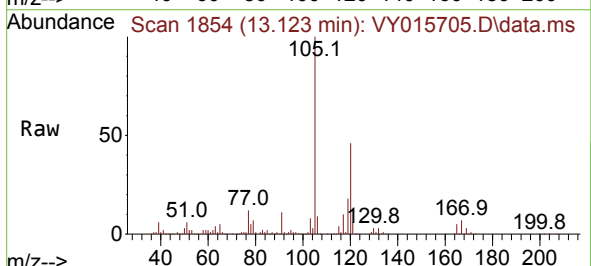
Acq: 26 Sep 2023 09:26

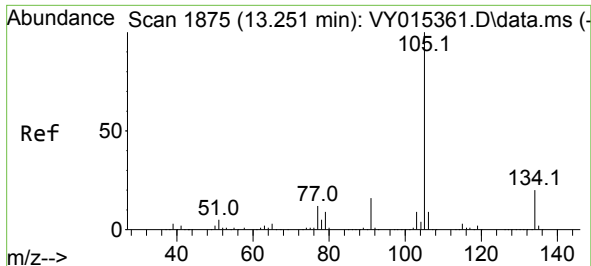
Tgt Ion:105 Resp: 363495

Ion Ratio Lower Upper

105 100

120 45.4 22.2 66.6

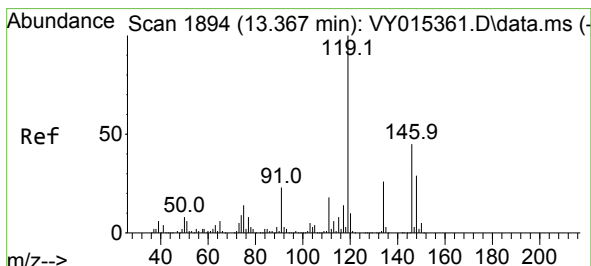
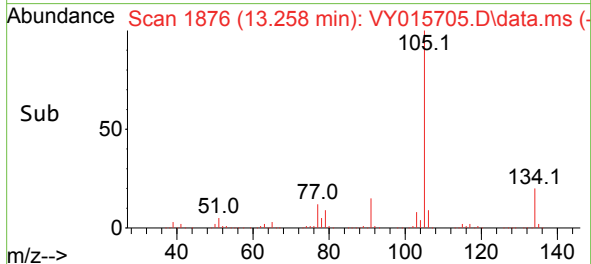
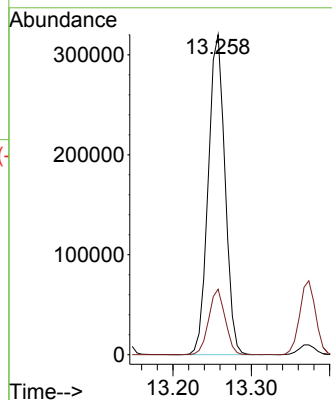
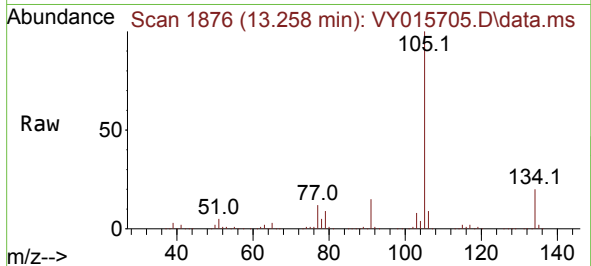




#85
 sec-Butylbenzene
 Concen: 47.874 ug/l
 RT: 13.258 min Scan# 1875
 Delta R.T. 0.007 min
 Lab File: VY015705.D
 Acq: 26 Sep 2023 09:26

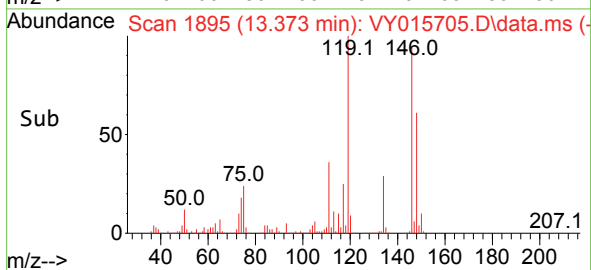
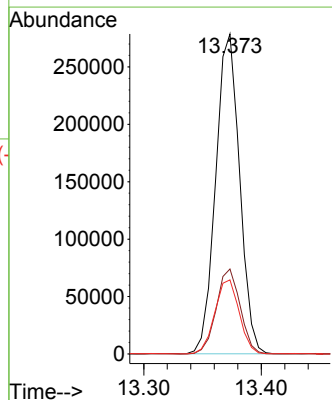
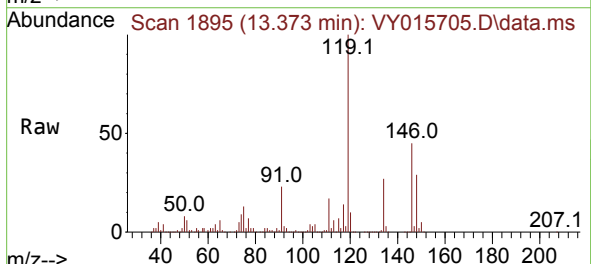
Instrument :
 MSVOA_Y
 ClientSampleId :

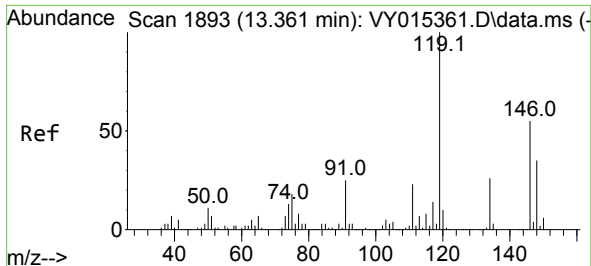
Tgt Ion:105 Resp: 474638
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 47.597 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY015705.D
 Acq: 26 Sep 2023 09:26

Tgt Ion:119 Resp: 394177
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 23.6 12.4 37.4

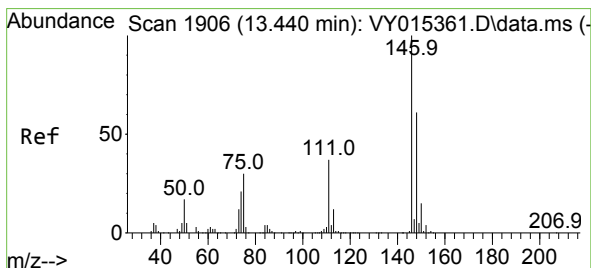
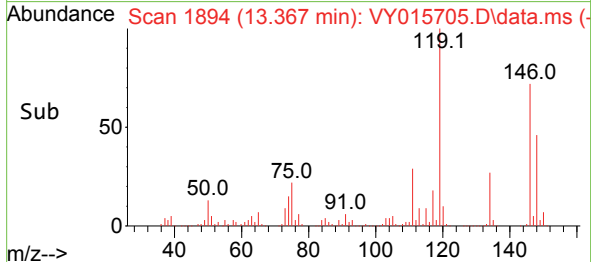
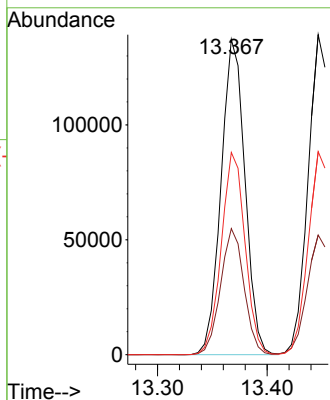
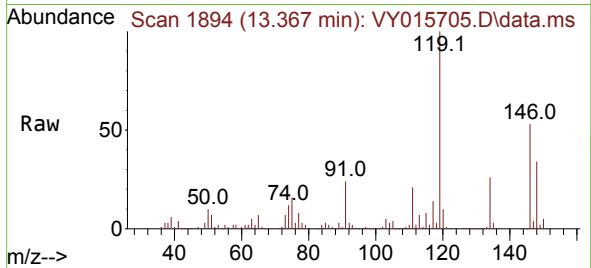




#87
 1,3-Dichlorobenzene
 Concen: 47.300 ug/l
 RT: 13.367 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY015705.D
 Acq: 26 Sep 2023 09:26

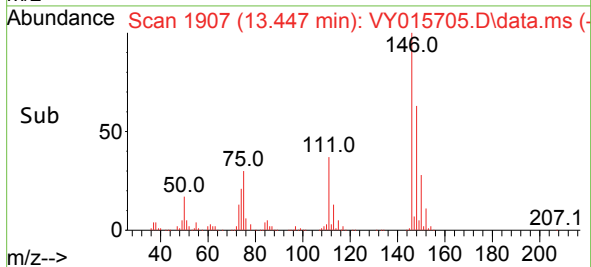
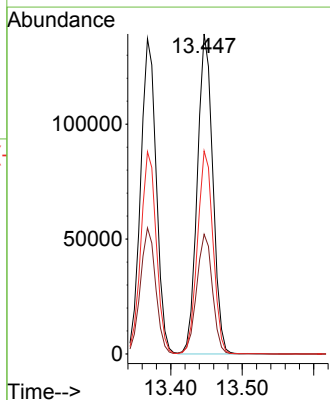
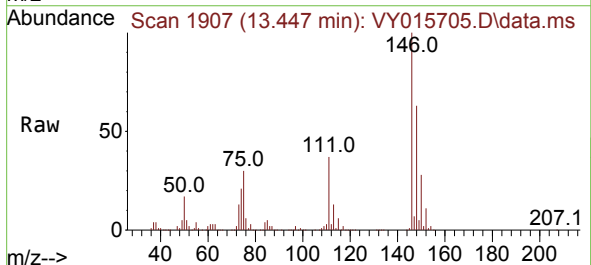
Instrument :
 MSVOA_Y
 ClientSampleId :

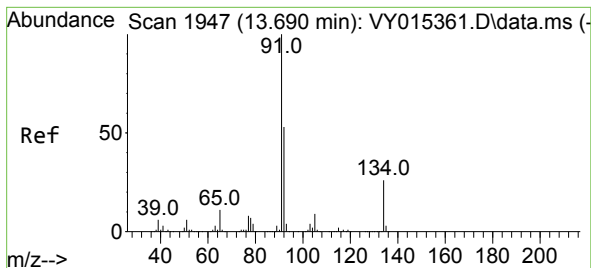
Tgt Ion:146 Resp: 208115
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.4 58.2
 148 63.6 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 47.581 ug/l
 RT: 13.447 min Scan# 1907
 Delta R.T. 0.001 min
 Lab File: VY015705.D
 Acq: 26 Sep 2023 09:26

Tgt Ion:146 Resp: 209380
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.9 56.7
 148 63.7 32.1 96.5





#89

n-Butylbenzene

Concen: 46.886 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.001 min

Lab File: VY015705.D

Acq: 26 Sep 2023 09:26

Instrument :

MSVOA_Y

ClientSampleId :

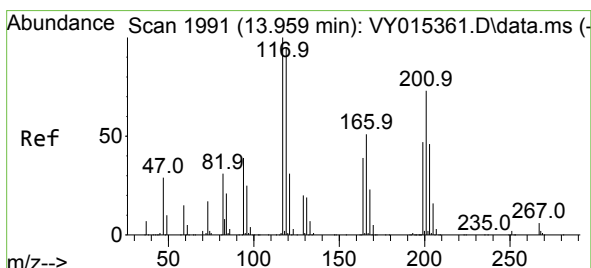
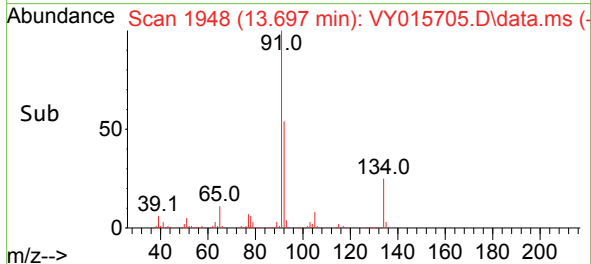
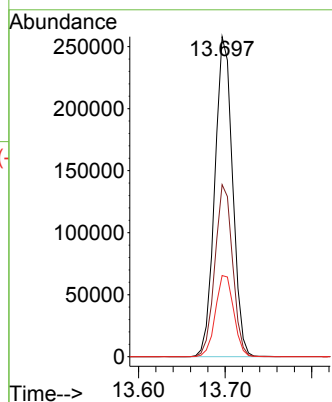
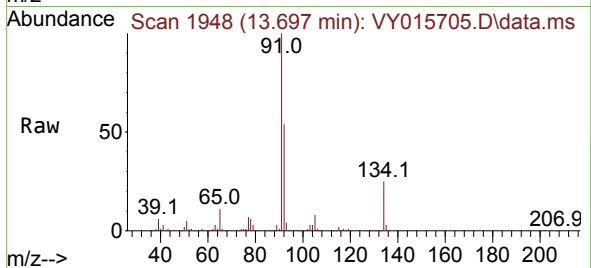
Tgt Ion: 91 Resp: 367683

Ion Ratio Lower Upper

91 100

92 53.4 25.4 76.0

134 26.1 12.6 37.6



#90

Hexachloroethane

Concen: 48.205 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY015705.D

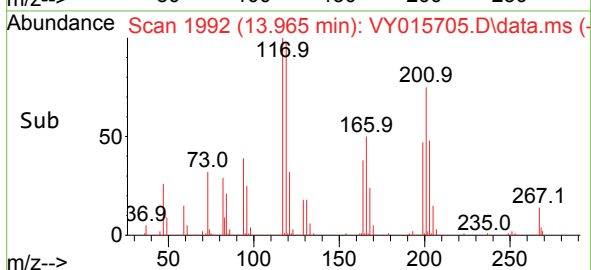
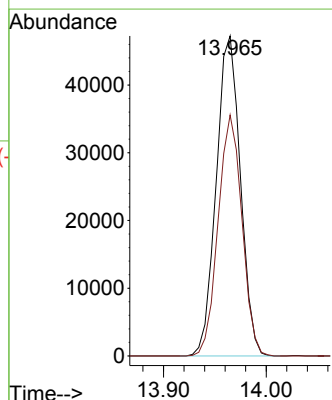
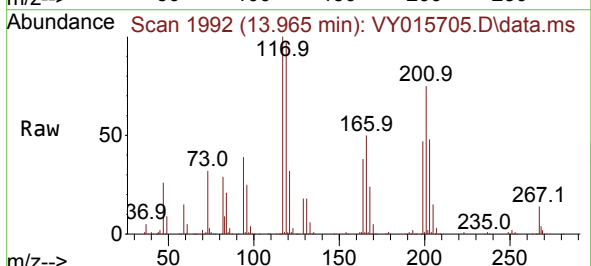
Acq: 26 Sep 2023 09:26

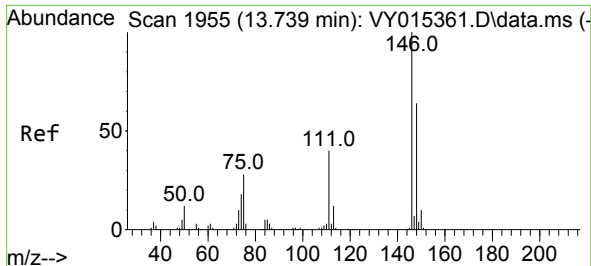
Tgt Ion: 117 Resp: 77047

Ion Ratio Lower Upper

117 100

201 74.3 41.6 124.8

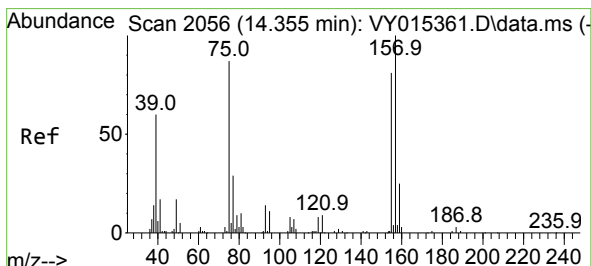
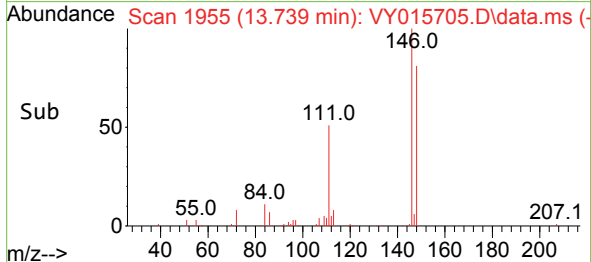
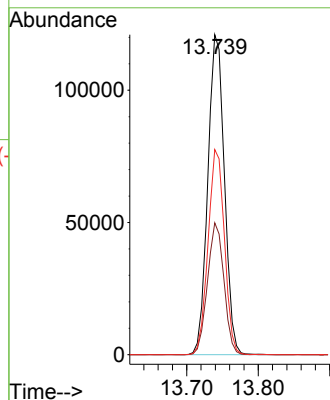
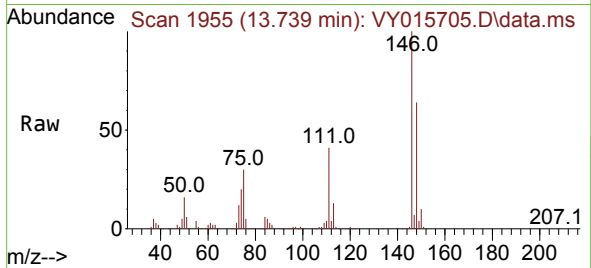




#91
1,2-Dichlorobenzene
Concen: 47.941 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY015705.D
Acq: 26 Sep 2023 09:26

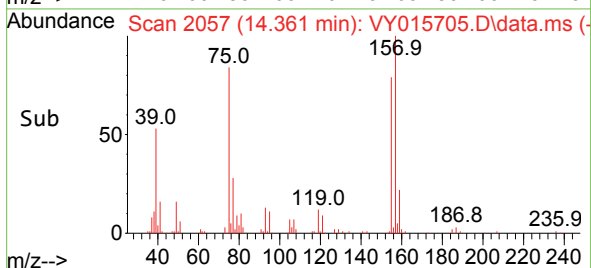
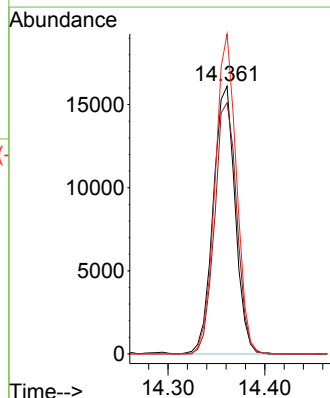
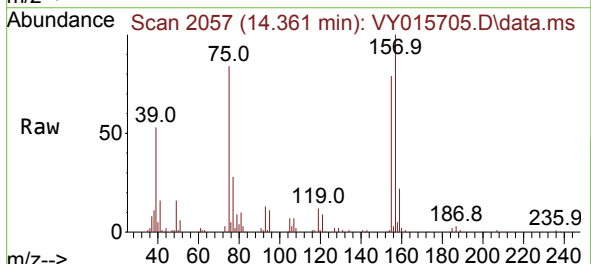
Instrument :
MSVOA_Y
ClientSampleId :

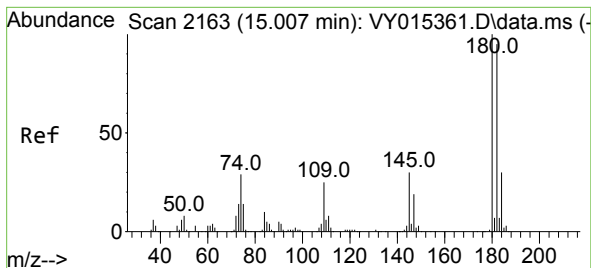
Tgt Ion:146 Resp: 194722
Ion Ratio Lower Upper
146 100
111 40.8 19.7 59.0
148 63.3 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.022 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY015705.D
Acq: 26 Sep 2023 09:26

Tgt Ion: 75 Resp: 25481
Ion Ratio Lower Upper
75 100
155 94.4 41.5 124.6
157 115.4 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 47.606 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY015705.D

Acq: 26 Sep 2023 09:26

Instrument :

MSVOA_Y

ClientSampleId :

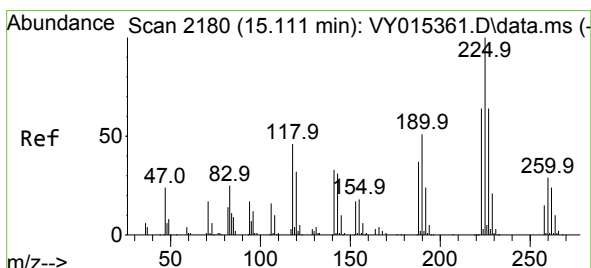
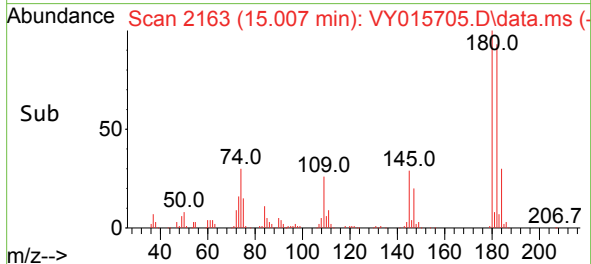
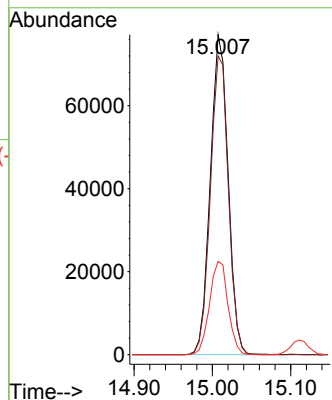
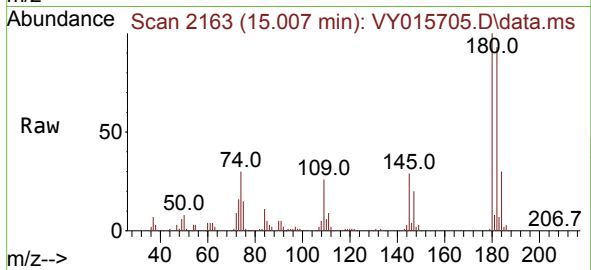
Tgt Ion:180 Resp: 121728

Ion Ratio Lower Upper

180 100

182 94.4 47.0 141.2

145 30.2 14.5 43.5



#94

Hexachlorobutadiene

Concen: 42.586 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY015705.D

Acq: 26 Sep 2023 09:26

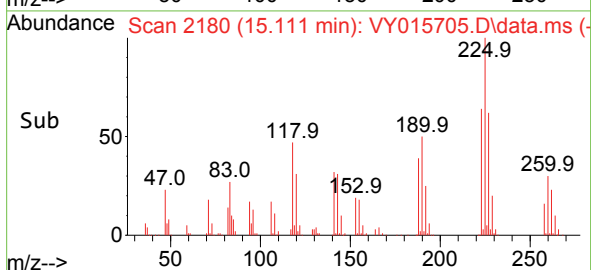
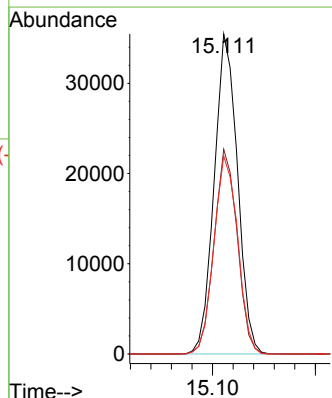
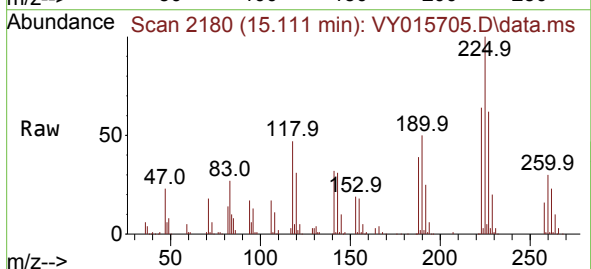
Tgt Ion:225 Resp: 55765

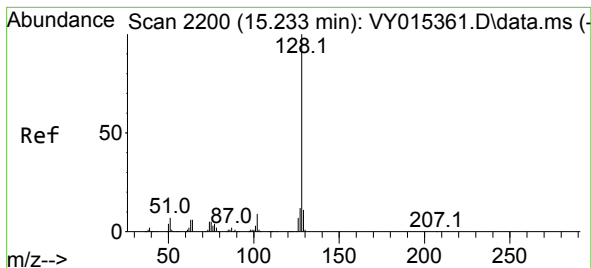
Ion Ratio Lower Upper

225 100

223 63.4 31.9 95.9

227 63.2 33.0 98.9





#95

Naphthalene

Concen: 50.695 ug/l

RT: 15.239 min Scan# 2200

Delta R.T. 0.006 min

Lab File: VY015705.D

Acq: 26 Sep 2023 09:26

Instrument :

MSVOA_Y

ClientSampleId :

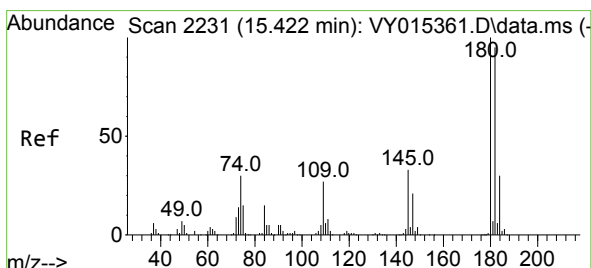
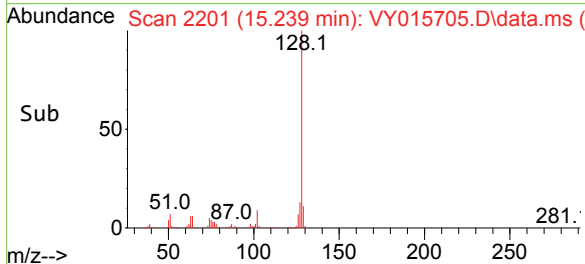
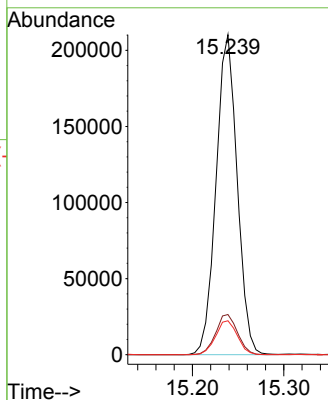
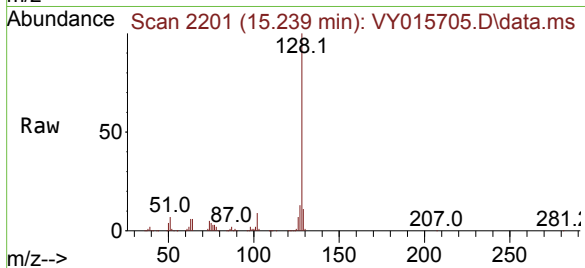
Tgt Ion:128 Resp: 338004

Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 48.309 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY015705.D

Acq: 26 Sep 2023 09:26

Tgt Ion:180 Resp: 114014

Ion Ratio Lower Upper

180 100

182 94.2 47.3 141.8

145 32.1 15.4 46.2

