

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092623\
 Data File : VY015718.D
 Acq On : 26 Sep 2023 19:08
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 27 01:36:37 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	7.801	168	140659	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.697	114	244856	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.495	117	225286	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	115170	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	83123	53.709	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.420%	
35) Dibromofluoromethane	7.728	113	80465	54.904	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.800%	
50) Toluene-d8	10.185	98	251621	50.637	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.280%	
62) 4-Bromofluorobenzene	12.489	95	105891	54.301	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.600%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.912	85	50996	55.002	ug/l	99
3) Chloromethane	2.113	50	70104	59.933	ug/l	99
4) Vinyl Chloride	2.253	62	82188	61.454	ug/l	97
5) Bromomethane	2.656	94	59820	53.035	ug/l	95
6) Chloroethane	2.796	64	61178	61.716	ug/l	98
7) Trichlorofluoromethane	3.125	101	128401	57.248	ug/l	98
8) Diethyl Ether	3.540	74	58477	61.138	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.899	101	80875	57.590	ug/l	95
10) Methyl Iodide	4.094	142	85586	51.727	ug/l	97
11) Tert butyl alcohol	5.009	59	115380	359.282	ug/l	99
12) 1,1-Dichloroethene	3.875	96	71967	58.157	ug/l	92
13) Acrolein	3.747	56	60506	255.280	ug/l	99
14) Allyl chloride	4.485	41	131450	58.098	ug/l	94
15) Acrylonitrile	5.180	53	212342	302.631	ug/l	98
16) Acetone	3.966	43	214228	258.658	ug/l	94
17) Carbon Disulfide	4.204	76	135805	56.492	ug/l	100
18) Methyl Acetate	4.497	43	218150	78.503	ug/l	94
19) Methyl tert-butyl Ether	5.234	73	317233	62.943	ug/l	99
20) Methylene Chloride	4.722	84	116759	65.912	ug/l	92
21) trans-1,2-Dichloroethene	5.228	96	84415	59.681	ug/l	97
22) Diisopropyl ether	6.131	45	330518	60.701	ug/l	94
23) Vinyl Acetate	6.076	43	821690	244.488	ug/l	96
24) 1,1-Dichloroethane	6.027	63	176278	59.395	ug/l	98
25) 2-Butanone	7.002	43	320433	273.717	ug/l	96
26) 2,2-Dichloropropane	6.990	77	130444	48.088	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	113253	60.313	ug/l	94
28) Bromochloromethane	7.344	49	46245	57.432	ug/l	97
29) Tetrahydrofuran	7.362	42	204048	308.381	ug/l	94
30) Chloroform	7.521	83	193903	61.008	ug/l	96
31) Cyclohexane	7.795	56	113571	52.973	ug/l	93
32) 1,1,1-Trichloroethane	7.710	97	157792	60.139	ug/l	99
36) 1,1-Dichloropropene	7.929	75	120377	55.552	ug/l	99
37) Ethyl Acetate	7.088	43	126704	58.621	ug/l	97
38) Carbon Tetrachloride	7.911	117	134783	57.303	ug/l	97
39) Methylcyclohexane	9.191	83	129191	53.903	ug/l	93
40) Benzene	8.173	78	384939	58.252	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.362	41	179840	154.529	ug/l #	29
42) 1,2-Dichloroethane	8.246	62	134378	59.376	ug/l	94
43) Isopropyl Acetate	8.283	43	219341	59.408	ug/l	97
44) Trichloroethene	8.953	130	110711	59.984	ug/l	92
45) 1,2-Dichloropropane	9.221	63	108277	58.756	ug/l	96
46) Dibromomethane	9.313	93	70707	59.982	ug/l	95
47) Bromodichloromethane	9.502	83	158971	60.503	ug/l	98
48) Methyl methacrylate	9.301	41	100059	61.742	ug/l	91
49) 1,4-Dioxane	9.319	88	29916	1284.604	ug/l #	52
51) 4-Methyl-2-Pentanone	10.075	43	701804	306.675	ug/l	94
52) Toluene	10.252	92	250268	58.745	ug/l	95
53) t-1,3-Dichloropropene	10.471	75	164292	58.308	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	171834	56.655	ug/l	94
55) 1,1,2-Trichloroethane	10.654	97	104399	60.434	ug/l	97
56) Ethyl methacrylate	10.520	69	156687	61.547	ug/l	89
57) 1,3-Dichloropropane	10.794	76	173762	59.981	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.788	63	203002	251.037	ug/l	95
59) 2-Hexanone	10.837	43	525287	299.188	ug/l	92
60) Dibromochloromethane	10.989	129	122595	60.794	ug/l	98
61) 1,2-Dibromoethane	11.099	107	101251	59.911	ug/l	99
64) Tetrachloroethene	10.727	164	135377	70.039	ug/l	97
65) Chlorobenzene	11.526	112	285628	58.083	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	115786	60.615	ug/l	98
67) Ethyl Benzene	11.599	91	502610	58.476	ug/l	100
68) m/p-Xylenes	11.709	106	382806	117.175	ug/l	96
69) o-Xylene	12.038	106	191766	59.862	ug/l	97
70) Styrene	12.050	104	334170	60.942	ug/l	97
71) Bromoform	12.215	173	87090	62.916	ug/l #	99
73) Isopropylbenzene	12.337	105	498344	57.681	ug/l	100
74) N-amyl acetate	12.148	43	187909	57.868	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.587	83	137870	57.338	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	184556	100.447	ug/l #	100
77) Bromobenzene	12.617	156	123186	58.085	ug/l	93
78) n-propylbenzene	12.678	91	598423	57.014	ug/l	100
79) 2-Chlorotoluene	12.764	91	346176	57.860	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	419492	57.998	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	44555	54.608	ug/l	96
82) 4-Chlorotoluene	12.861	91	359613	57.577	ug/l	100
83) tert-Butylbenzene	13.081	119	360802	56.955	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	422659	58.402	ug/l	99
85) sec-Butylbenzene	13.257	105	540298	56.992	ug/l	99
86) p-Isopropyltoluene	13.373	119	449652	56.781	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	244914	58.211	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	244275	58.052	ug/l	99
89) n-Butylbenzene	13.702	91	415580	55.420	ug/l	97
90) Hexachloroethane	13.965	117	88087	57.635	ug/l	91
91) 1,2-Dichlorobenzene	13.745	146	230336	59.306	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	28963	60.648	ug/l	90
93) 1,2,4-Trichlorobenzene	15.013	180	141954	58.057	ug/l	98
94) Hexachlorobutadiene	15.117	225	66928	53.451	ug/l	98
95) Naphthalene	15.239	128	404468	63.440	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	134200	59.466	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Sep 20 01:39:40 2023
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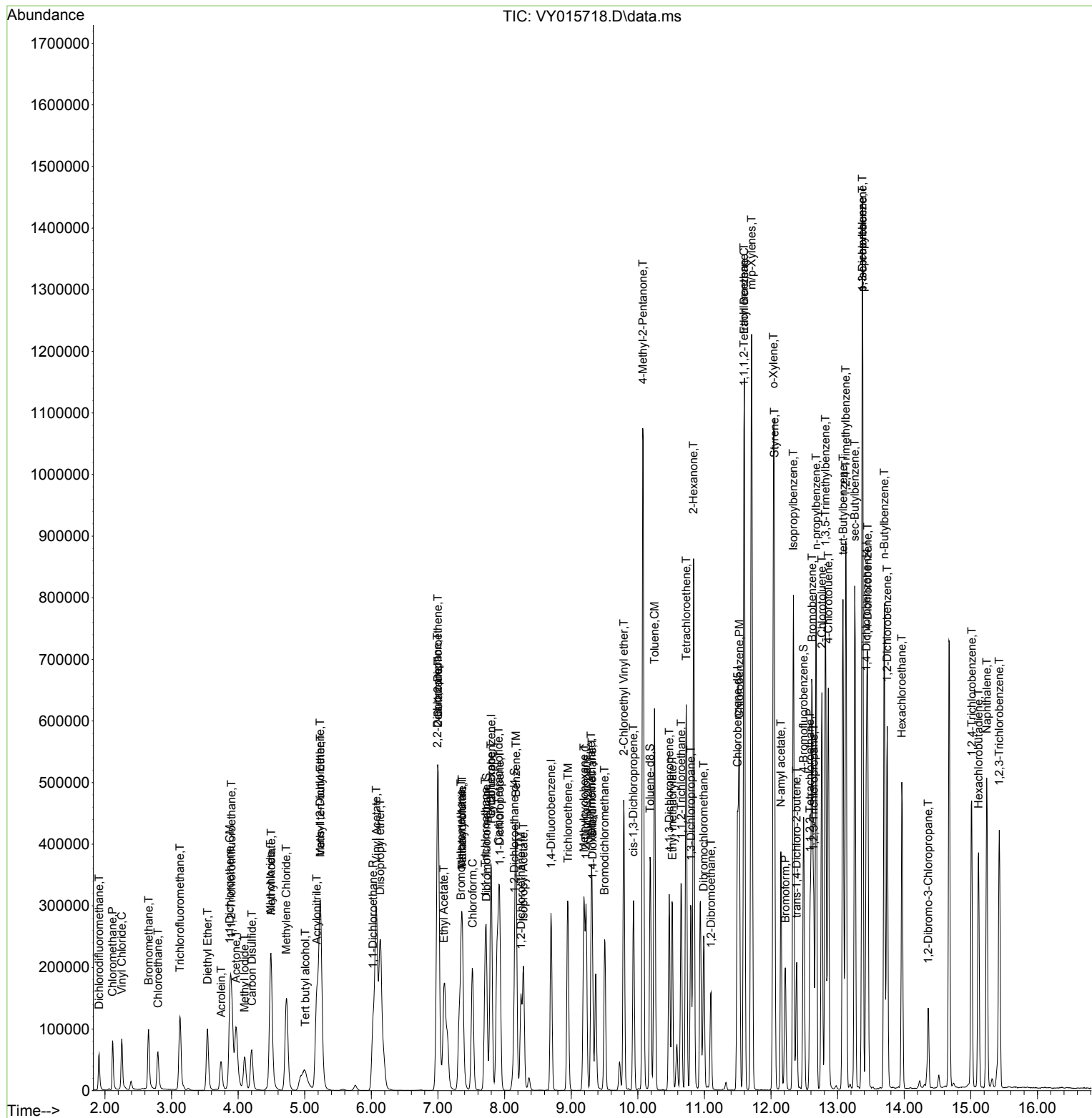
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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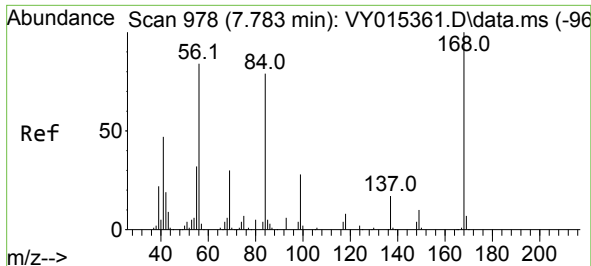
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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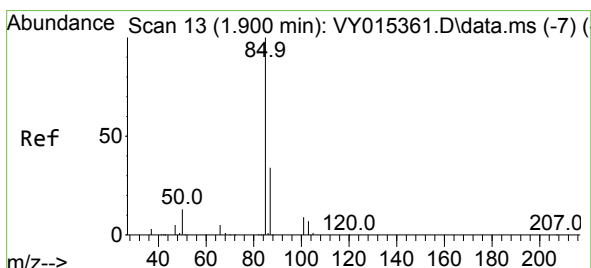
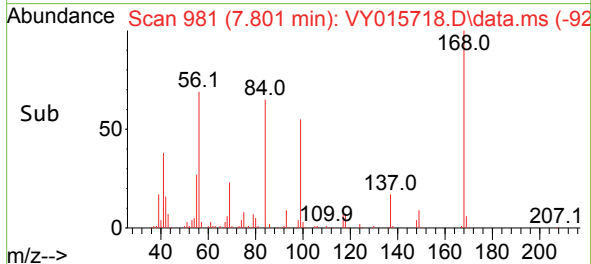
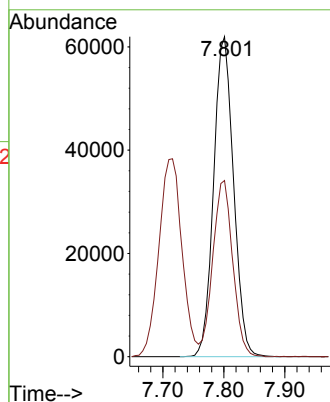
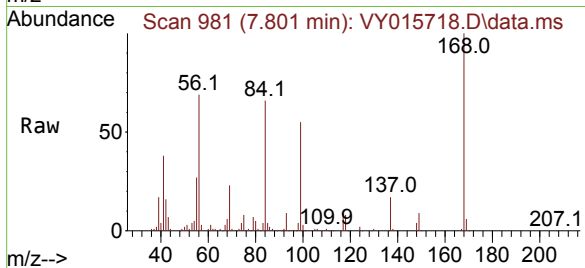




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY015718.D
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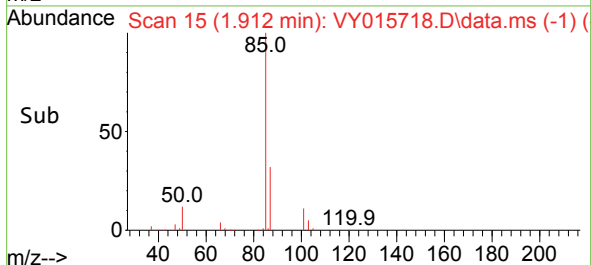
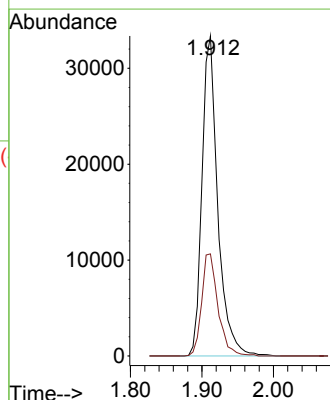
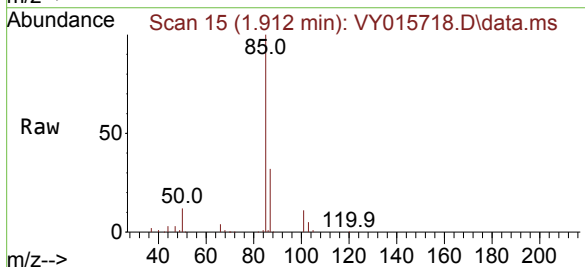
Instrument :
MSVOA_Y
ClientSampleId :

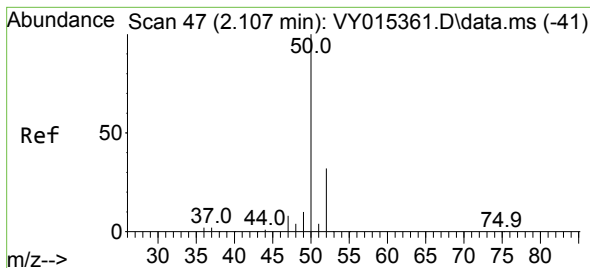
Tgt Ion:168 Resp: 140659
Ion Ratio Lower Upper
168 100
99 55.1 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 55.002 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.012 min
Lab File: VY015718.D
Acq: 26 Sep 2023 19:08

Tgt Ion: 85 Resp: 50996
Ion Ratio Lower Upper
85 100
87 31.9 15.6 46.8





#3

Chloromethane

Concen: 59.933 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY015718.D

Acq: 26 Sep 2023 19:08

Instrument :

MSVOA_Y

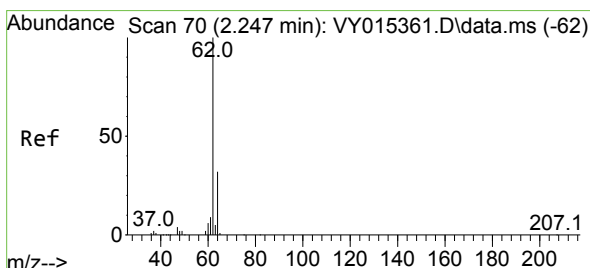
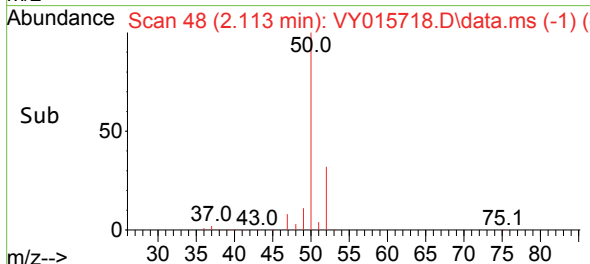
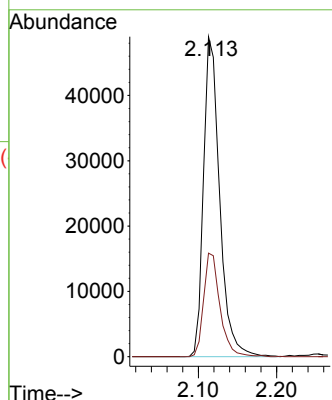
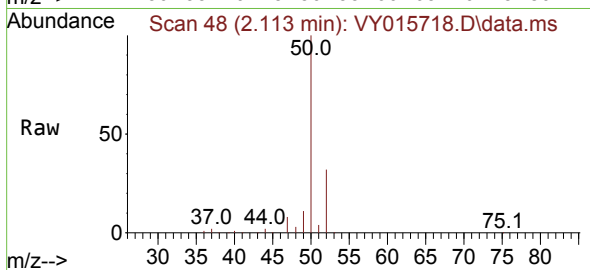
ClientSampleId :

Tgt Ion: 50 Resp: 70104

Ion Ratio Lower Upper

50 100

52 32.3 25.4 38.2



#4

Vinyl Chloride

Concen: 61.454 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.012 min

Lab File: VY015718.D

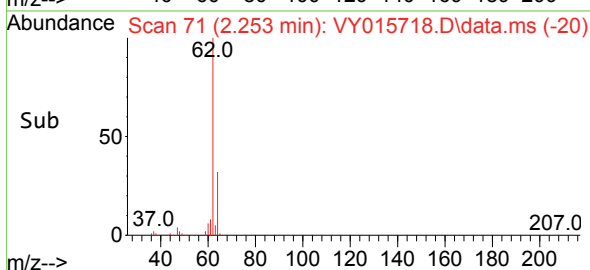
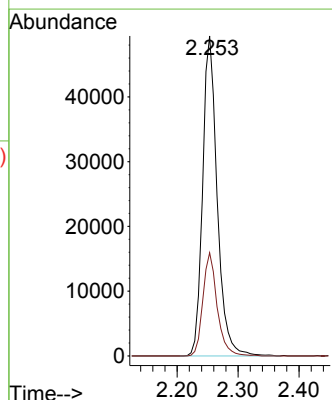
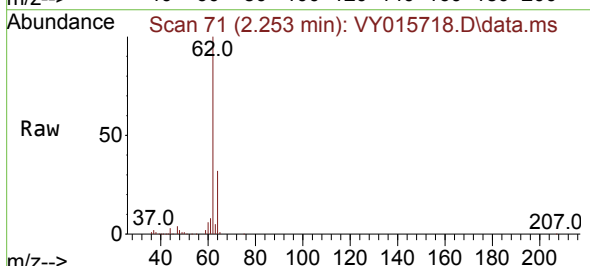
Acq: 26 Sep 2023 19:08

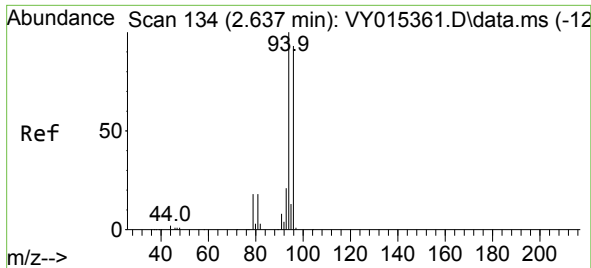
Tgt Ion: 62 Resp: 82188

Ion Ratio Lower Upper

62 100

64 32.2 24.3 36.5

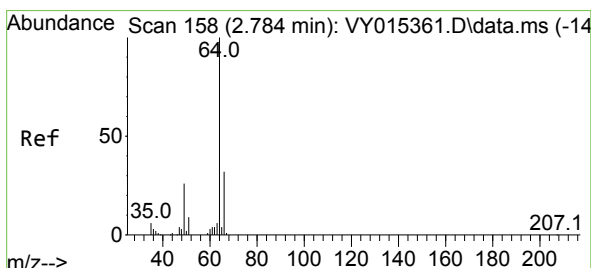
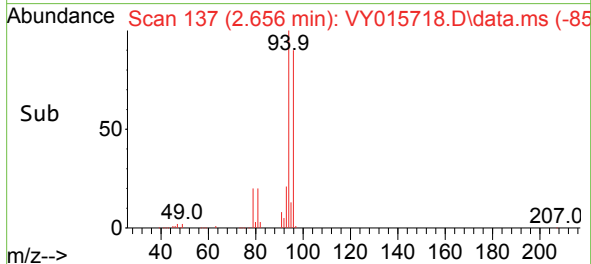
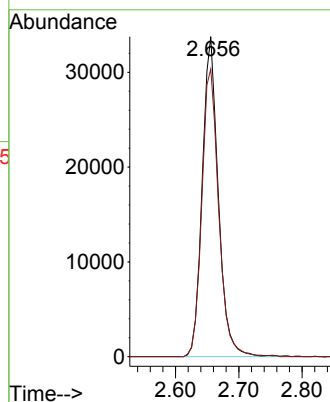
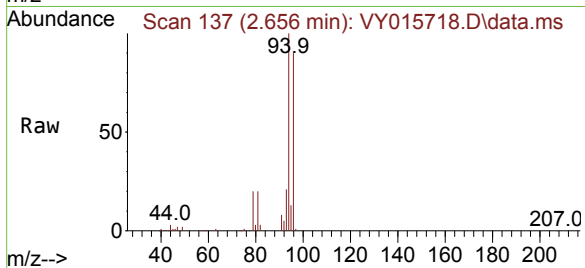




#5
Bromomethane
Concen: 53.035 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY015718.D
Acq: 26 Sep 2023 19:08

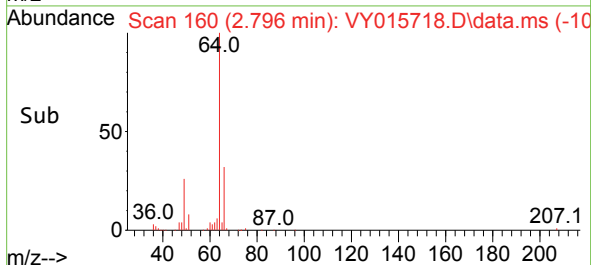
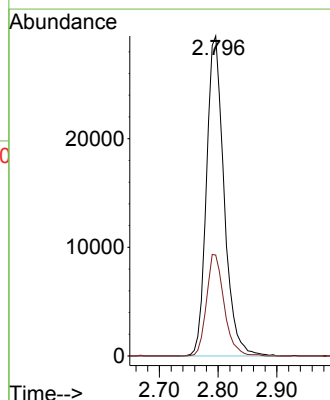
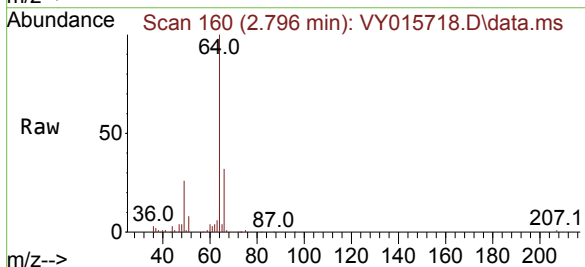
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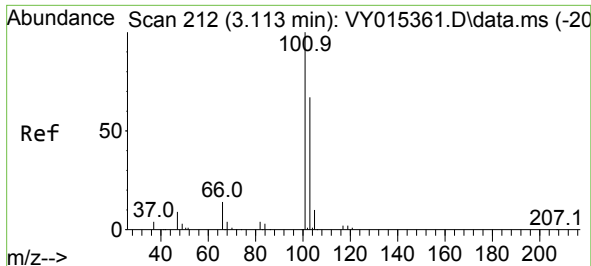
Tgt Ion: 94 Resp: 59820
Ion Ratio Lower Upper
94 100
96 89.9 75.8 113.6



#6
Chloroethane
Concen: 61.716 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.012 min
Lab File: VY015718.D
Acq: 26 Sep 2023 19:08

Tgt Ion: 64 Resp: 61178
Ion Ratio Lower Upper
64 100
66 31.5 24.4 36.6

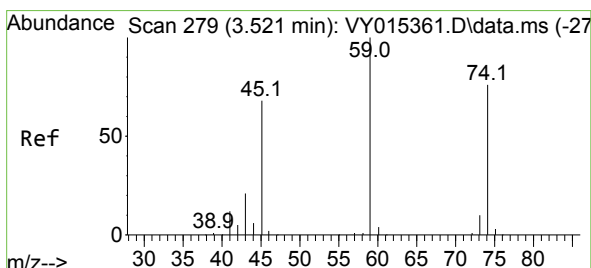
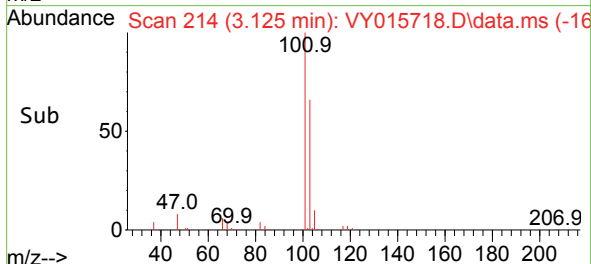
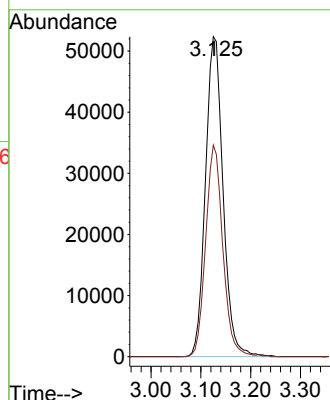
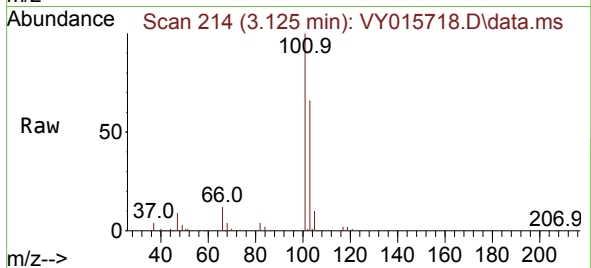




#7
 Trichlorofluoromethane
 Concen: 57.248 ug/l
 RT: 3.125 min Scan# 212
 Delta R.T. 0.012 min
 Lab File: VY015718.D
 Acq: 26 Sep 2023 19:08

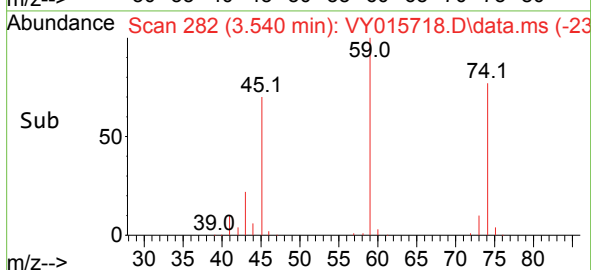
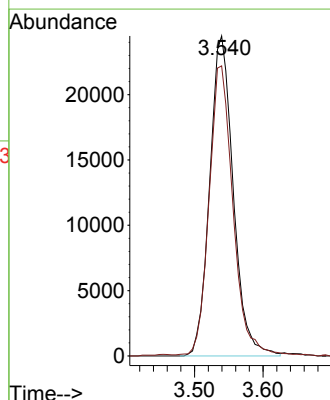
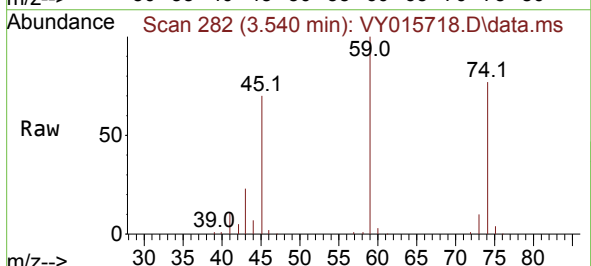
Instrument :
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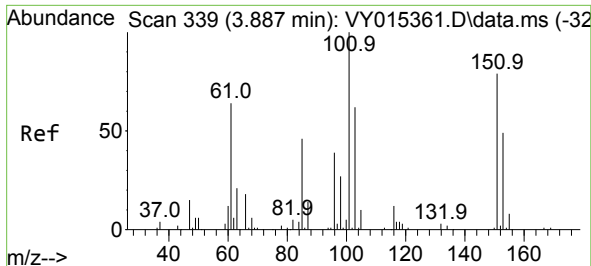
Tgt Ion:101 Resp: 128401
 Ion Ratio Lower Upper
 101 100
 103 66.1 51.4 77.0



#8
 Diethyl Ether
 Concen: 61.138 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. 0.019 min
 Lab File: VY015718.D
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Tgt Ion: 74 Resp: 58477
 Ion Ratio Lower Upper
 74 100
 45 92.7 51.5 154.5

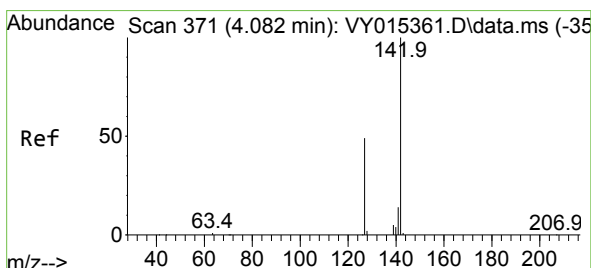
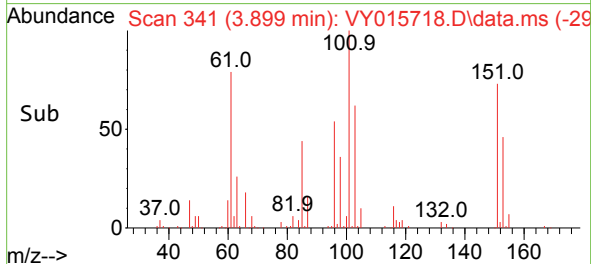
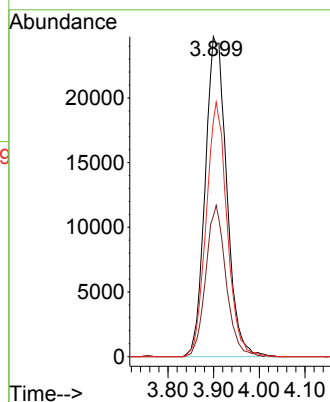
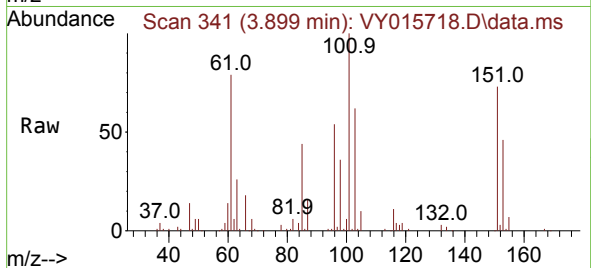




#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.590 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY015718.D
Acq: 26 Sep 2023 19:08

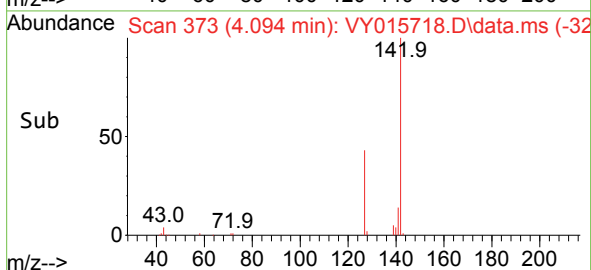
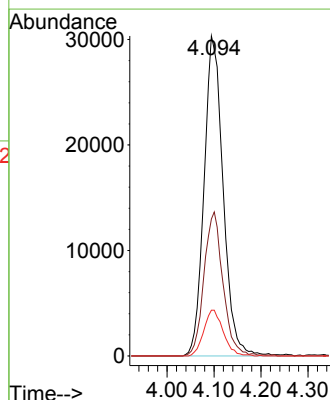
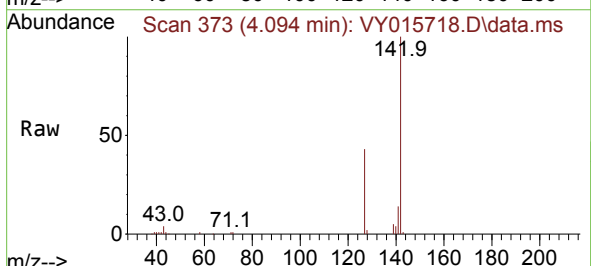
Instrument :
MSVOA_Y
ClientSampleId :

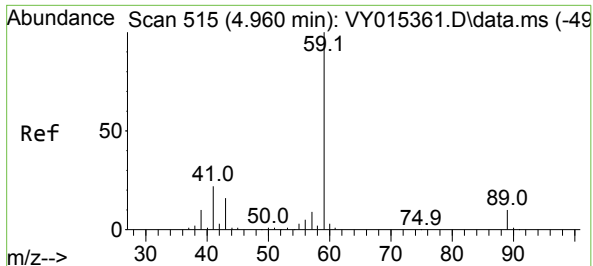
Tgt Ion:101 Resp: 80875
Ion Ratio Lower Upper
101 100
85 44.6 36.6 55.0
151 77.2 67.0 100.6



#10
Methyl Iodide
Concen: 51.727 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.012 min
Lab File: VY015718.D
Acq: 26 Sep 2023 19:08

Tgt Ion:142 Resp: 85586
Ion Ratio Lower Upper
142 100
127 44.7 37.6 56.4
141 14.6 11.8 17.8





#11

Tert butyl alcohol

Concen: 359.282 ug/l

RT: 5.009 min Scan# 51

Delta R.T. 0.055 min

Lab File: VY015718.D

Acq: 26 Sep 2023 19:08

Instrument :

MSVOA_Y

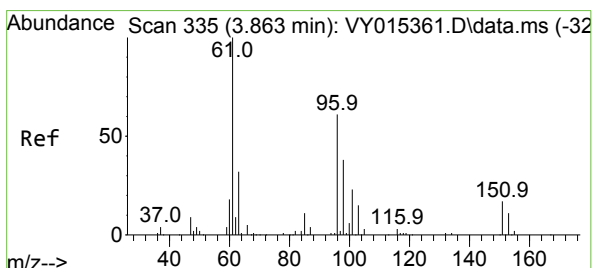
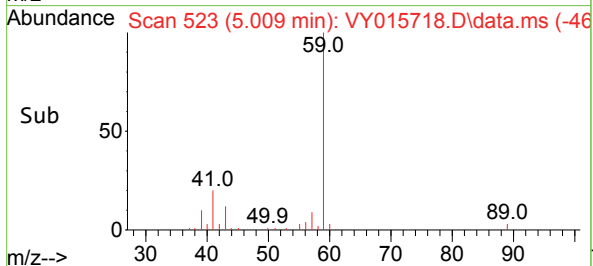
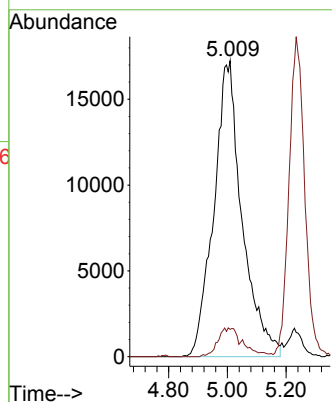
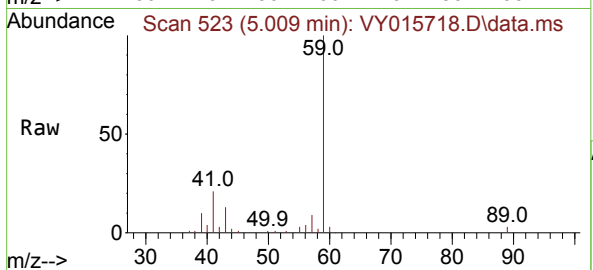
ClientSampleId :

Tgt Ion: 59 Resp: 115380

Ion Ratio Lower Upper

59 100

57 3.3 3.0 4.4



#12

1,1-Dichloroethene

Concen: 58.157 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.012 min

Lab File: VY015718.D

Acq: 26 Sep 2023 19:08

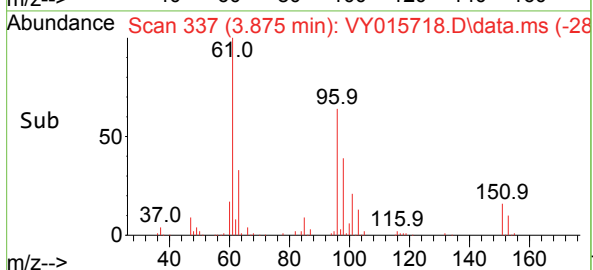
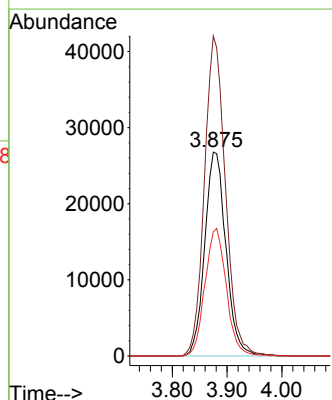
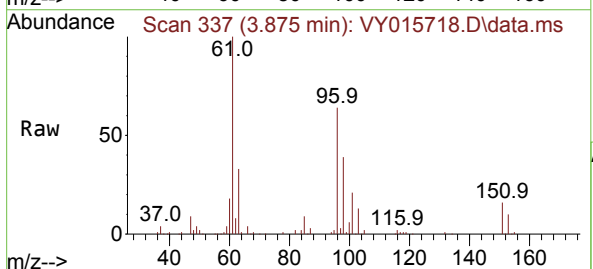
Tgt Ion: 96 Resp: 71967

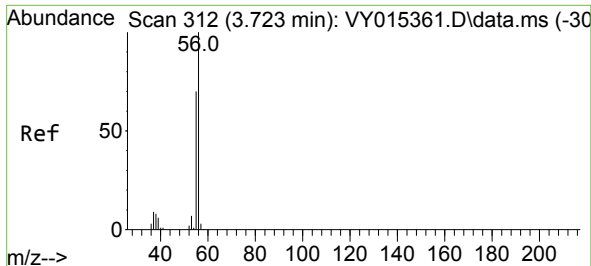
Ion Ratio Lower Upper

96 100

61 157.0 136.4 204.6

98 60.9 49.4 74.2





#13

Acrolein

Concen: 255.280 ug/l

RT: 3.747 min Scan# 31

Delta R.T. 0.024 min

Lab File: VY015718.D

Acq: 26 Sep 2023 19:08

Instrument :

MSVOA_Y

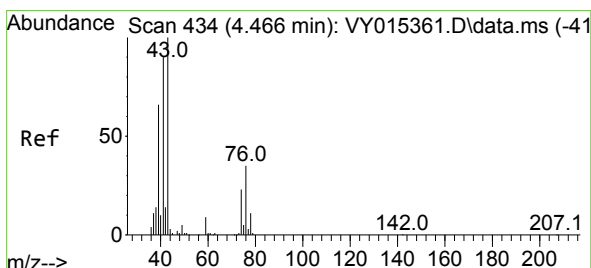
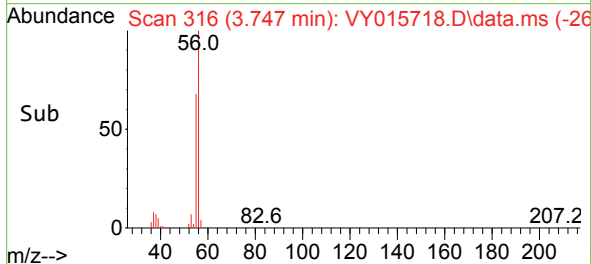
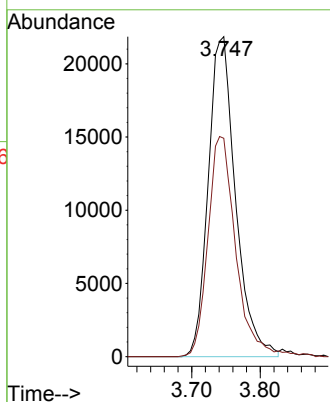
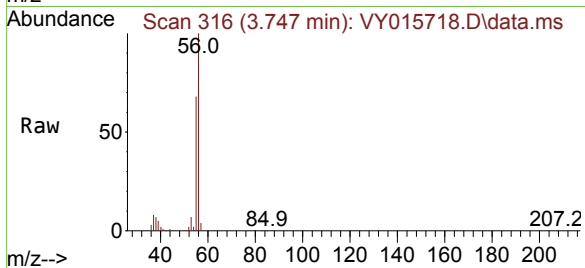
ClientSampleId :

Tgt Ion: 56 Resp: 60506

Ion Ratio Lower Upper

56 100

55 70.1 57.0 85.4



#14

Allyl chloride

Concen: 58.098 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.013 min

Lab File: VY015718.D

Acq: 26 Sep 2023 19:08

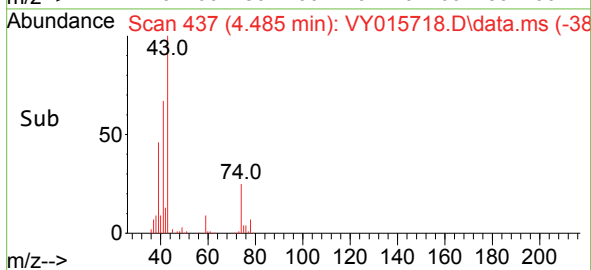
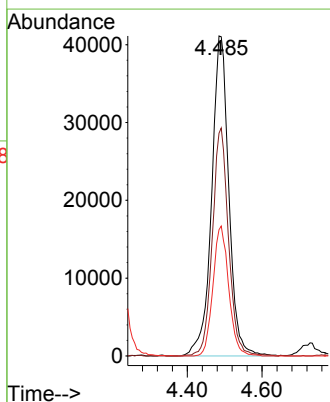
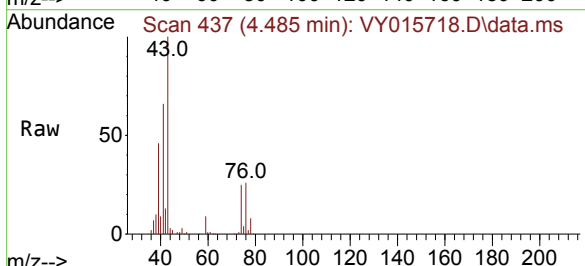
Tgt Ion: 41 Resp: 131450

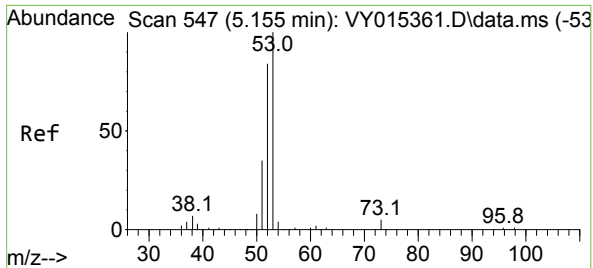
Ion Ratio Lower Upper

41 100

39 67.0 58.0 87.0

76 37.3 27.4 41.2

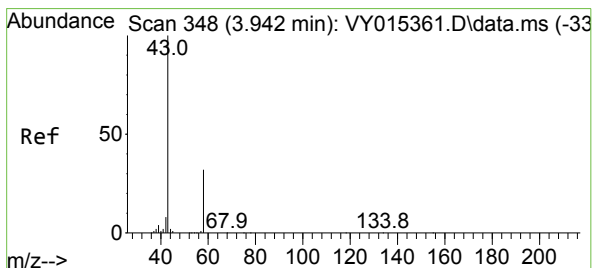
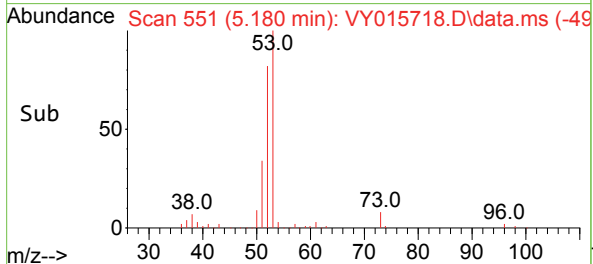
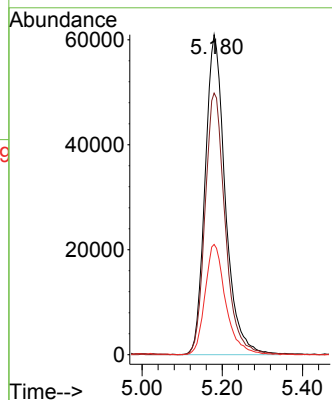
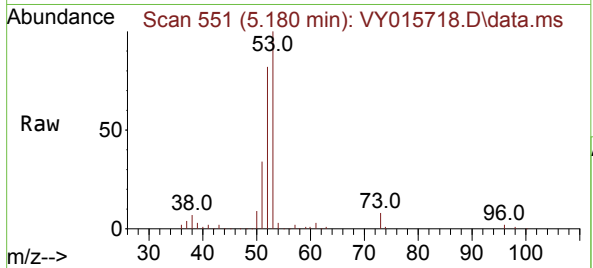




#15
Acrylonitrile
Concen: 302.631 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.019 min
Lab File: VY015718.D
Acq: 26 Sep 2023 19:08

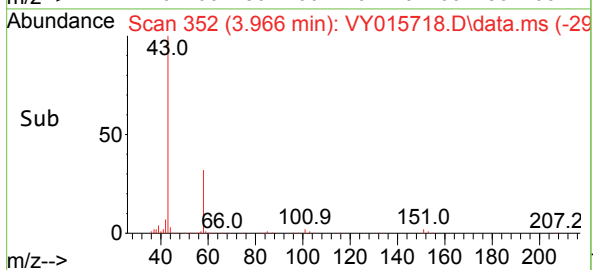
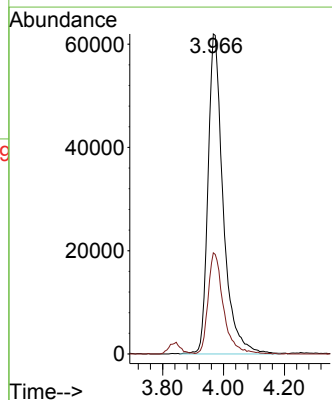
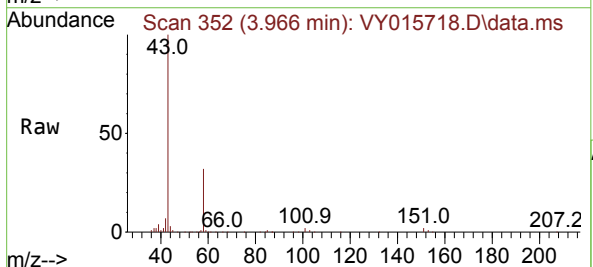
Instrument :
MSVOA_Y
ClientSampleId :

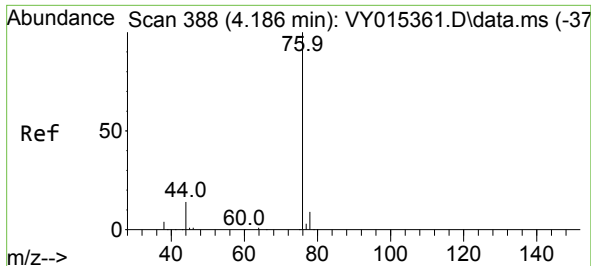
Tgt Ion: 53 Resp: 212342
Ion Ratio Lower Upper
53 100
52 81.7 66.9 100.3
51 35.6 29.8 44.6



#16
Acetone
Concen: 258.658 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.024 min
Lab File: VY015718.D
Acq: 26 Sep 2023 19:08

Tgt Ion: 43 Resp: 214228
Ion Ratio Lower Upper
43 100
58 31.6 22.7 34.1





#17

Carbon Disulfide

Concen: 56.492 ug/l

RT: 4.204 min Scan# 391

Delta R.T. 0.018 min

Lab File: VY015718.D

Acq: 26 Sep 2023 19:08

Instrument :

MSVOA_Y

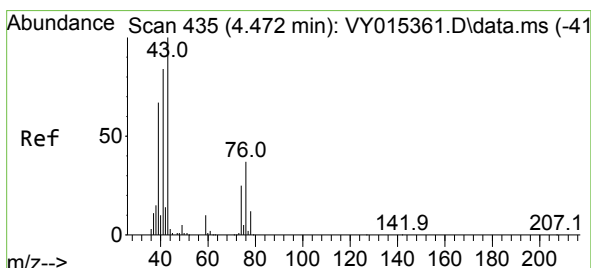
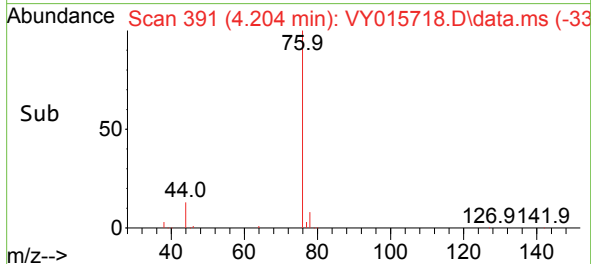
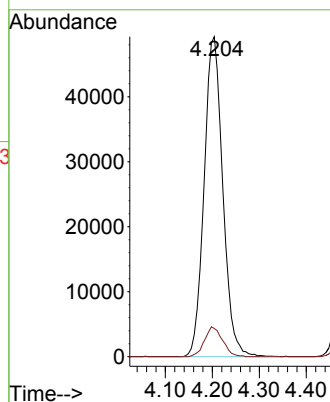
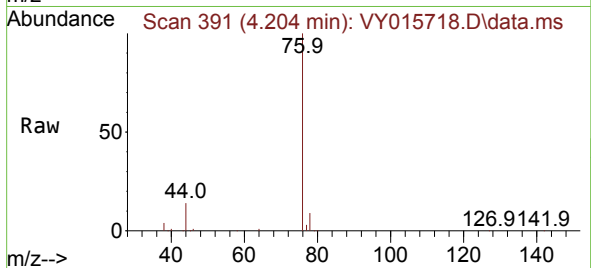
ClientSampleId :

Tgt Ion: 76 Resp: 135805

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.4



#18

Methyl Acetate

Concen: 78.503 ug/l

RT: 4.497 min Scan# 439

Delta R.T. 0.025 min

Lab File: VY015718.D

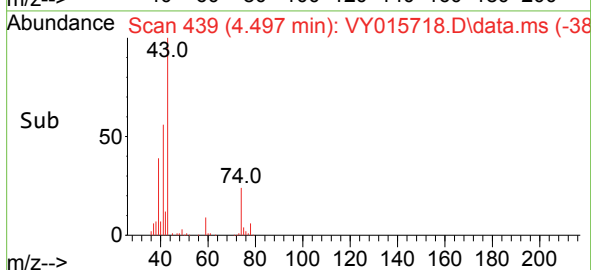
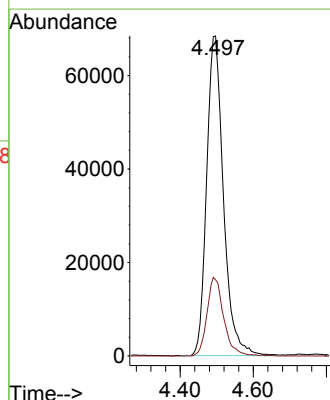
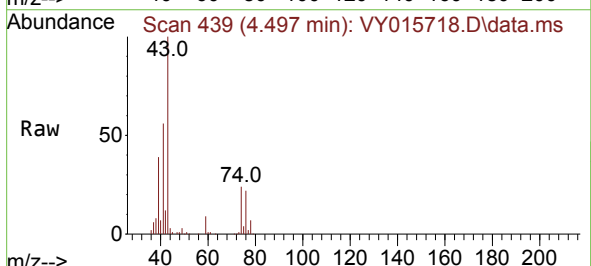
Acq: 26 Sep 2023 19:08

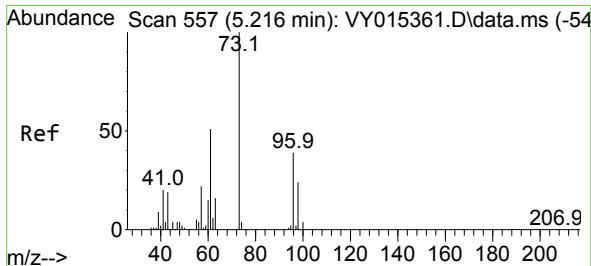
Tgt Ion: 43 Resp: 218150

Ion Ratio Lower Upper

43 100

74 24.4 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 62.943 ug/l

RT: 5.234 min Scan# 5

Delta R.T. 0.024 min

Lab File: VY015718.D

Acq: 26 Sep 2023 19:08

Instrument :

MSVOA_Y

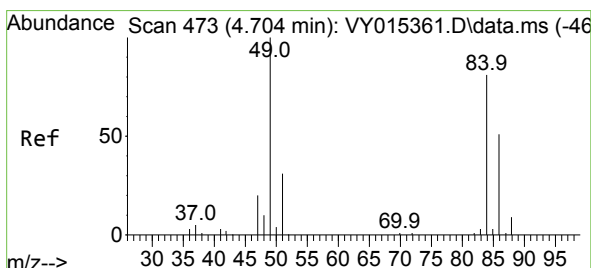
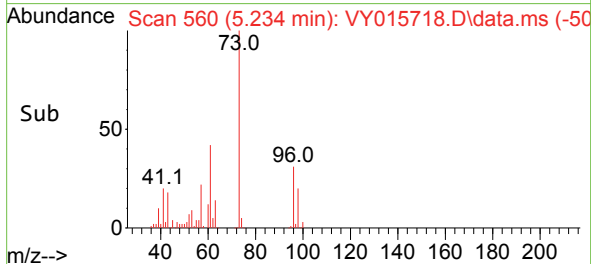
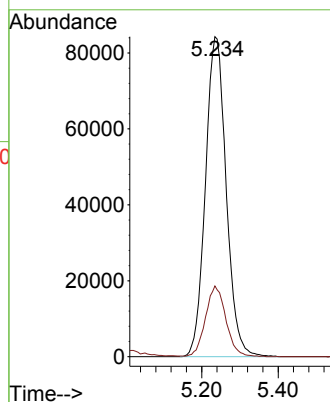
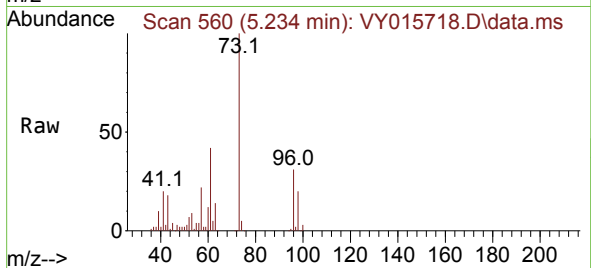
ClientSampleId :

Tgt Ion: 73 Resp: 317233

Ion Ratio Lower Upper

73 100

57 22.1 17.3 25.9



#20

Methylene Chloride

Concen: 65.912 ug/l

RT: 4.722 min Scan# 476

Delta R.T. 0.018 min

Lab File: VY015718.D

Acq: 26 Sep 2023 19:08

Tgt Ion: 84 Resp: 116759

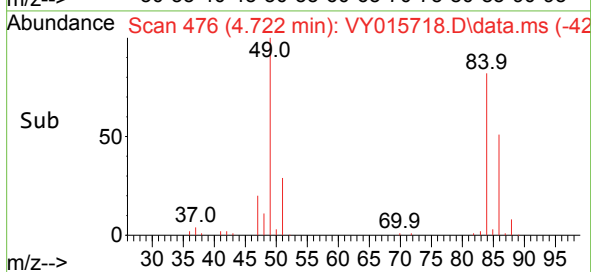
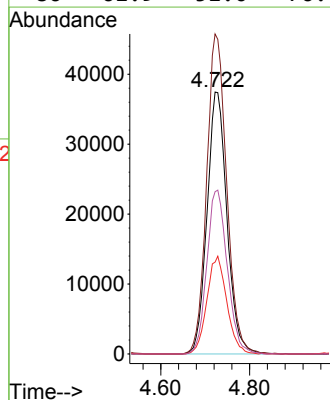
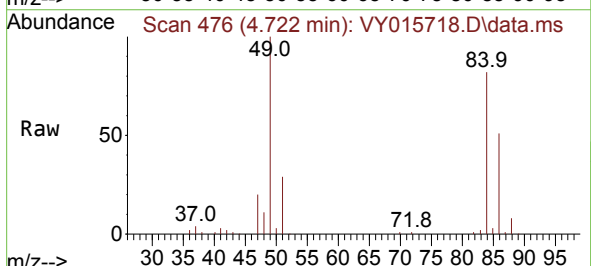
Ion Ratio Lower Upper

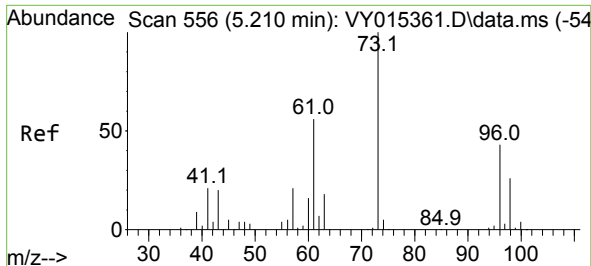
84 100

49 122.2 106.9 160.3

51 35.1 33.2 49.8

86 61.9 51.0 76.6

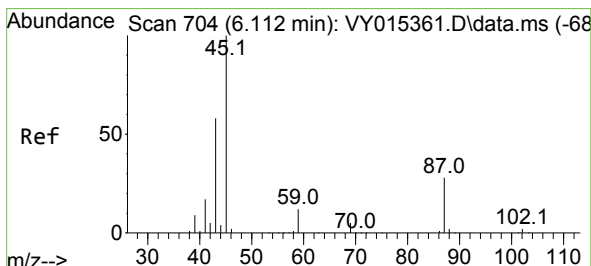
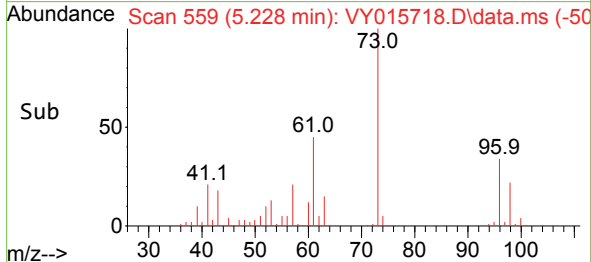
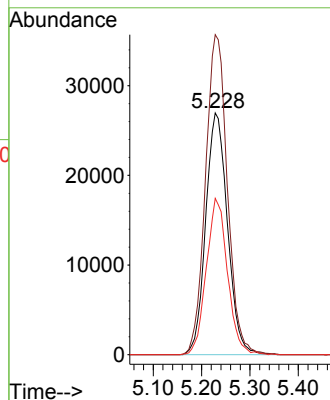
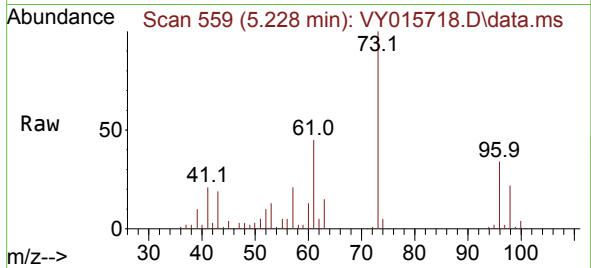




#21
trans-1,2-Dichloroethene
Concen: 59.681 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY015718.D
Acq: 26 Sep 2023 19:08

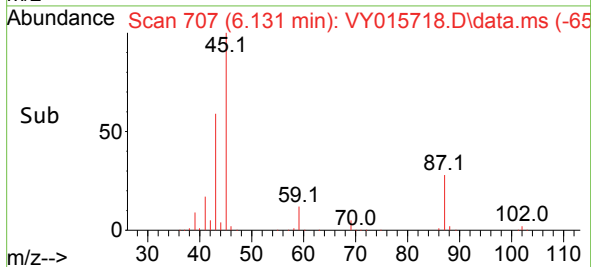
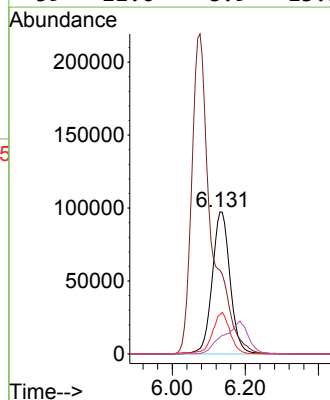
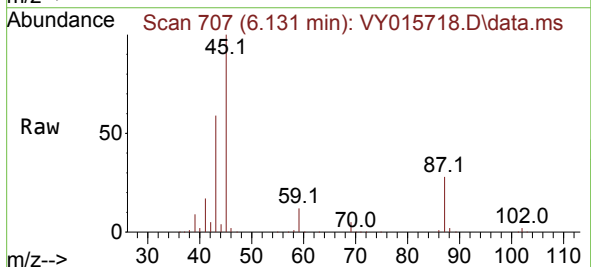
Instrument :
MSVOA_Y
ClientSampleId :

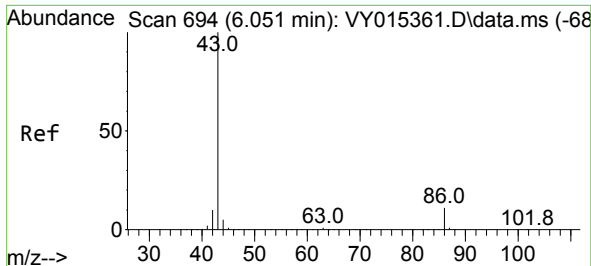
Tgt Ion: 96 Resp: 84415
Ion Ratio Lower Upper
96 100
61 132.4 110.2 165.4
98 64.6 51.8 77.6



#22
Diisopropyl ether
Concen: 60.701 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.019 min
Lab File: VY015718.D
Acq: 26 Sep 2023 19:08

Tgt Ion: 45 Resp: 330518
Ion Ratio Lower Upper
45 100
43 58.6 52.2 78.4
87 27.7 21.0 31.6
59 11.6 8.9 13.3

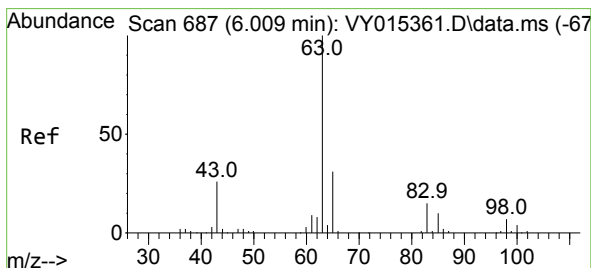
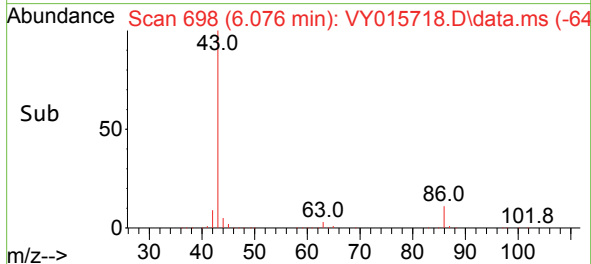
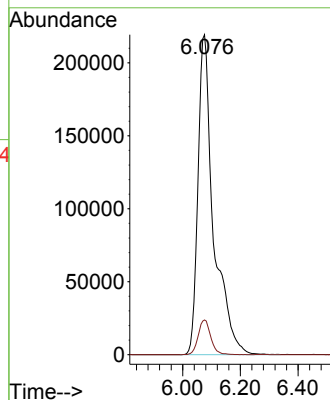
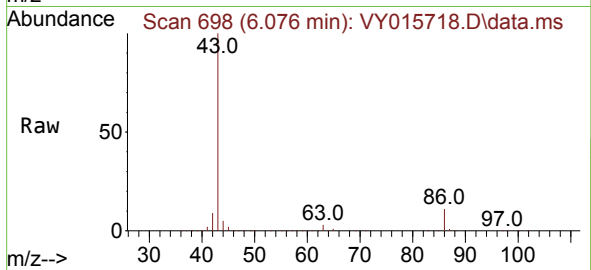




#23
 Vinyl Acetate
 Concen: 244.488 ug/l
 RT: 6.076 min Scan# 694
 Delta R.T. 0.025 min
 Lab File: VY015718.D
 Acq: 26 Sep 2023 19:08

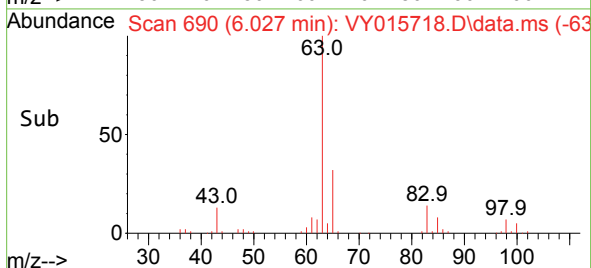
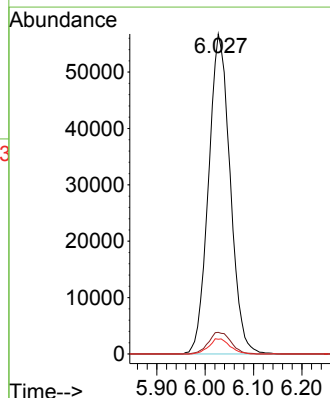
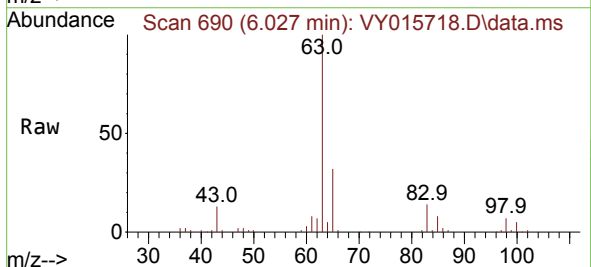
Instrument :
 MSVOA_Y
 ClientSampleId :

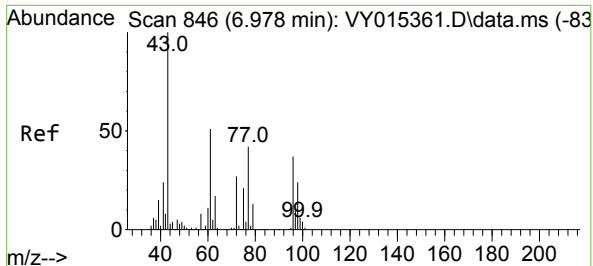
Tgt Ion: 43 Resp: 821690
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 59.395 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.024 min
 Lab File: VY015718.D
 Acq: 26 Sep 2023 19:08

Tgt Ion: 63 Resp: 176278
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.1 9.4
 100 4.6 1.8 5.5

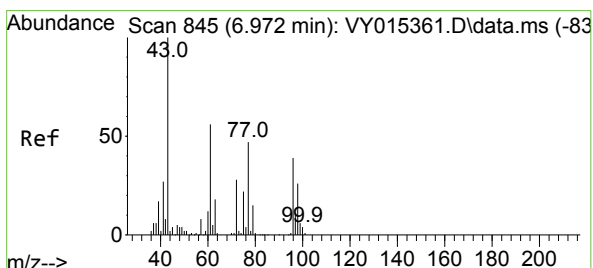
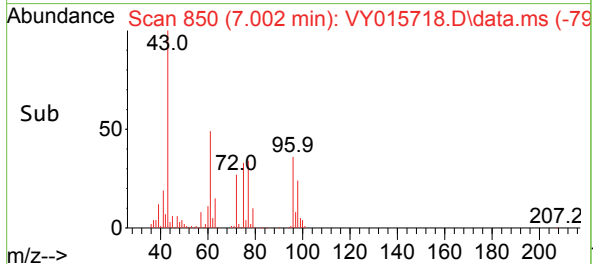
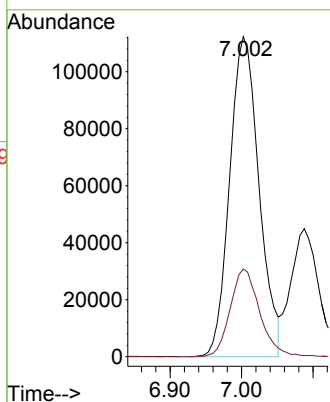
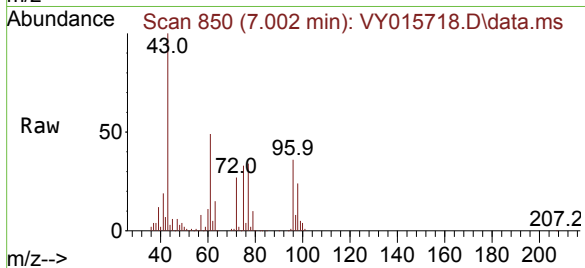




#25
2-Butanone
Concen: 273.717 ug/l
RT: 7.002 min Scan# 81
Delta R.T. 0.024 min
Lab File: VY015718.D
Acq: 26 Sep 2023 19:08

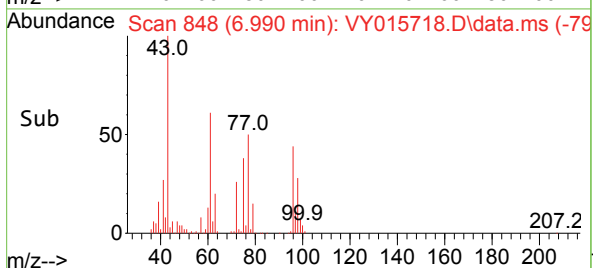
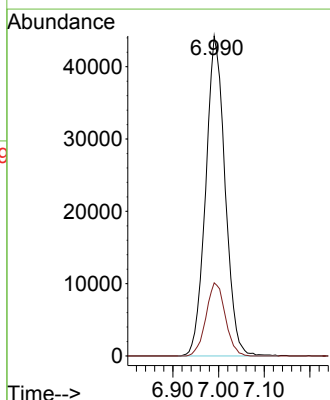
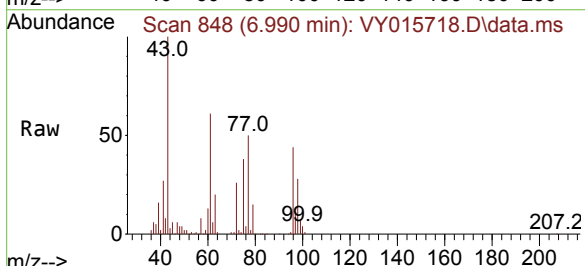
Instrument :
MSVOA_Y
ClientSampleId :

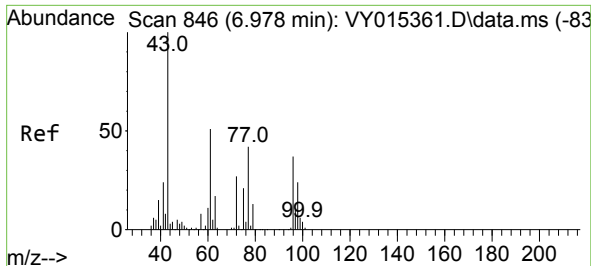
Tgt Ion: 43 Resp: 320433
Ion Ratio Lower Upper
43 100
72 27.4 20.5 30.7



#26
2,2-Dichloropropane
Concen: 48.088 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.018 min
Lab File: VY015718.D
Acq: 26 Sep 2023 19:08

Tgt Ion: 77 Resp: 130444
Ion Ratio Lower Upper
77 100
97 22.7 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 60.313 ug/l

RT: 6.996 min Scan# 84

Delta R.T. 0.018 min

Lab File: VY015718.D

Acq: 26 Sep 2023 19:08

Instrument :

MSVOA_Y

ClientSampleId :

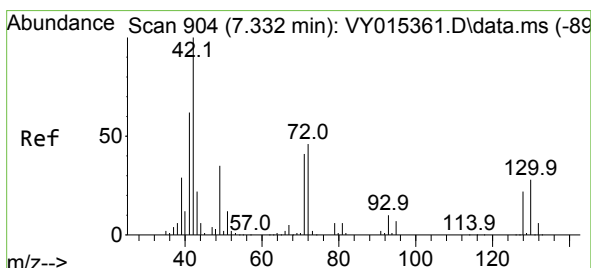
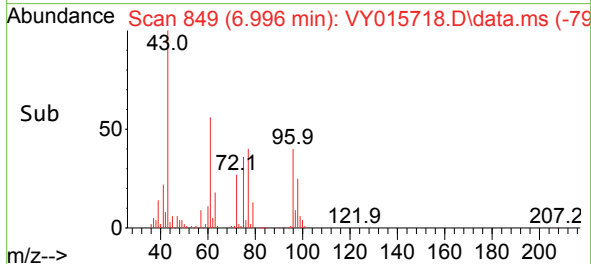
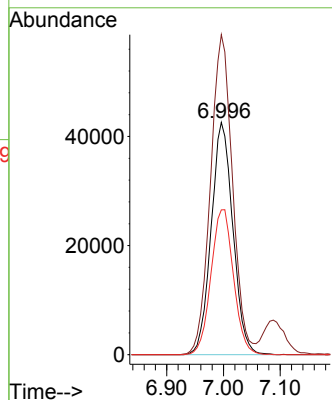
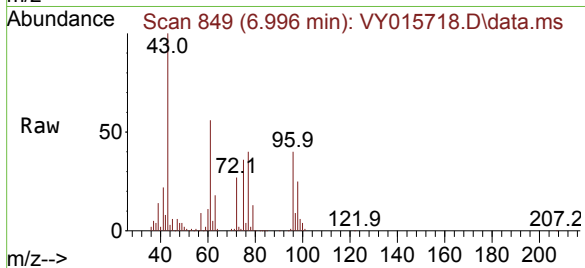
Tgt Ion: 96 Resp: 113253

Ion Ratio Lower Upper

96 100

61 140.1 0.0 301.4

98 64.8 0.0 130.4



#28

Bromochloromethane

Concen: 57.432 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.018 min

Lab File: VY015718.D

Acq: 26 Sep 2023 19:08

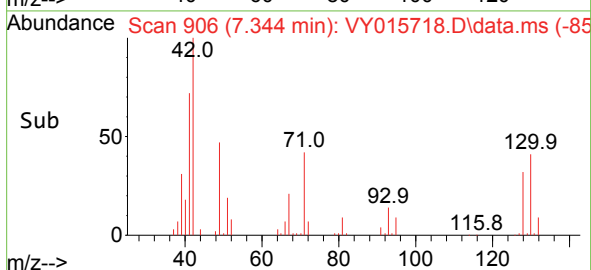
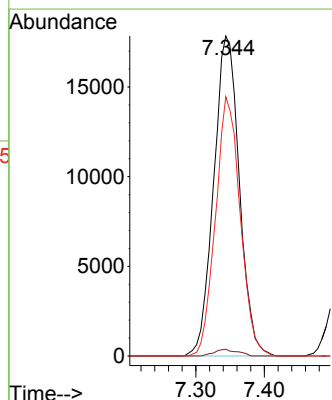
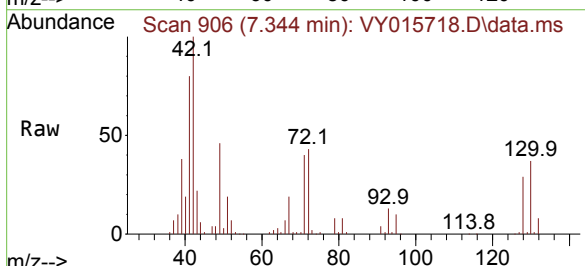
Tgt Ion: 49 Resp: 46245

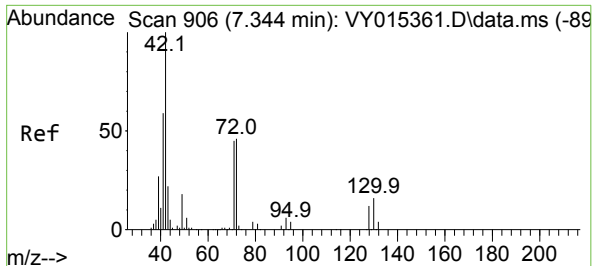
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.6

130 78.1 60.7 91.1





#29

Tetrahydrofuran

Concen: 308.381 ug/l

RT: 7.362 min Scan# 906

Delta R.T. 0.018 min

Lab File: VY015718.D

Acq: 26 Sep 2023 19:08

Instrument :

MSVOA_Y

ClientSampleId :

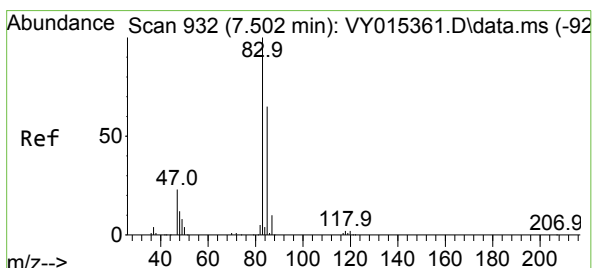
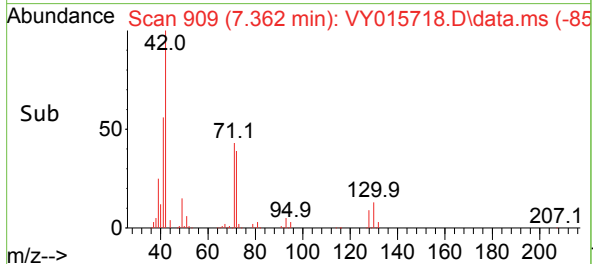
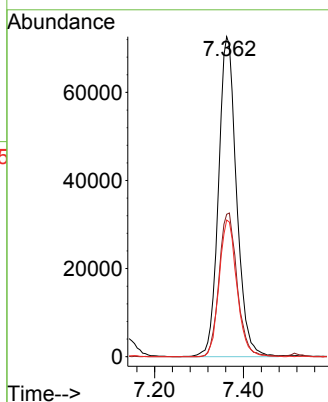
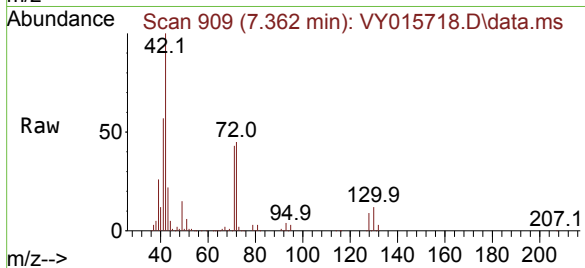
Tgt Ion: 42 Resp: 204048

Ion Ratio Lower Upper

42 100

72 45.2 32.8 49.2

71 42.1 31.0 46.4



#30

Chloroform

Concen: 61.008 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.025 min

Lab File: VY015718.D

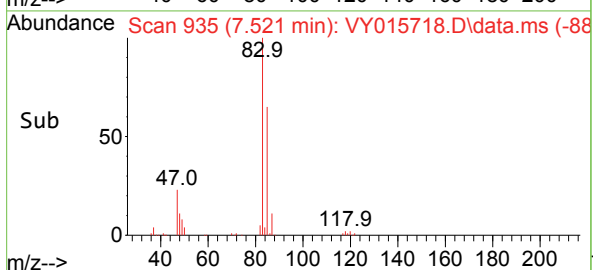
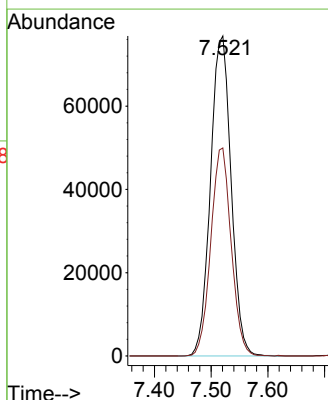
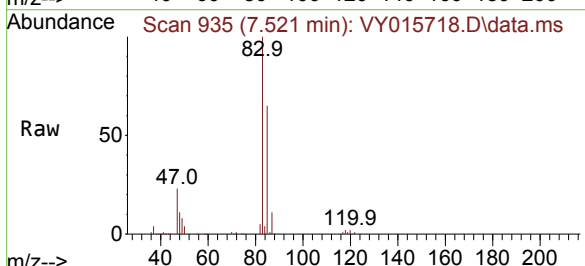
Acq: 26 Sep 2023 19:08

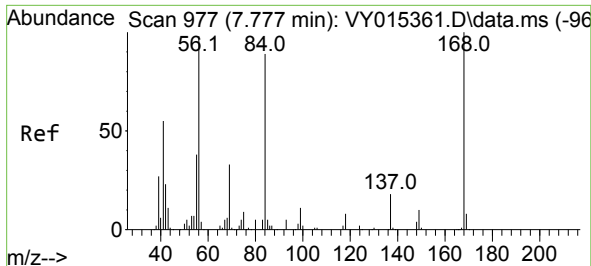
Tgt Ion: 83 Resp: 193903

Ion Ratio Lower Upper

83 100

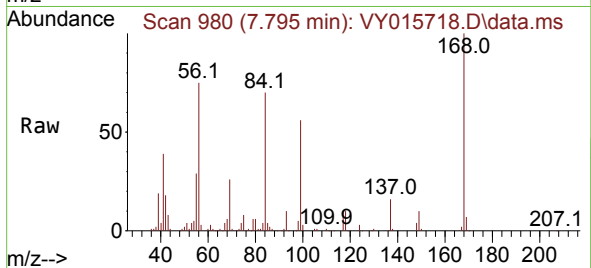
85 65.0 49.7 74.5



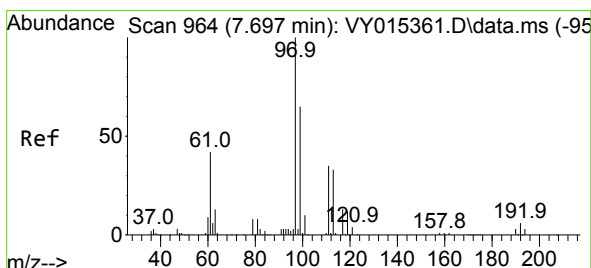
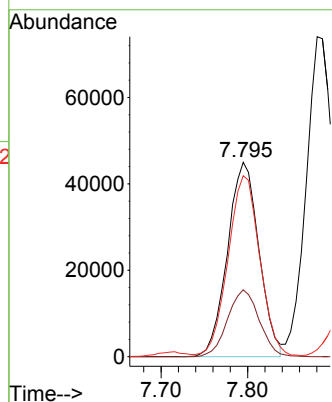
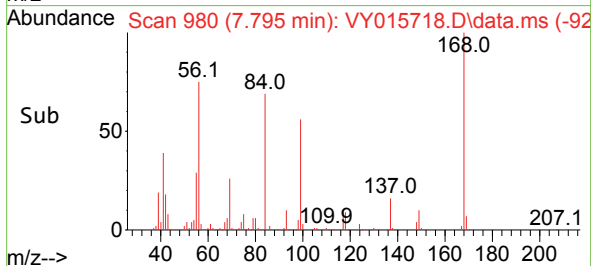


#31
Cyclohexane
Concen: 52.973 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015718.D
Acq: 26 Sep 2023 19:08

Instrument :
MSVOA_Y
ClientSampleId :

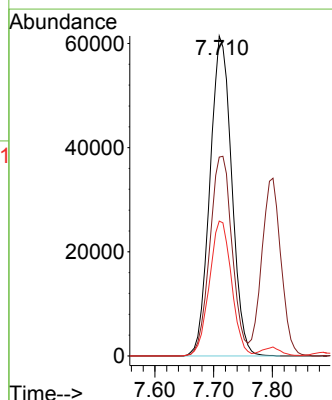
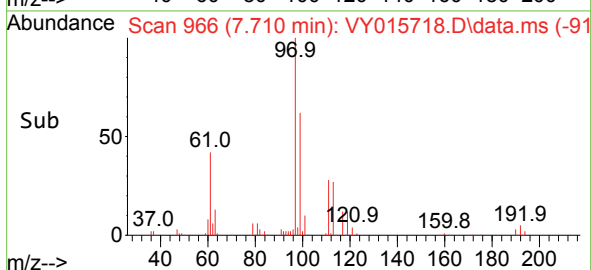
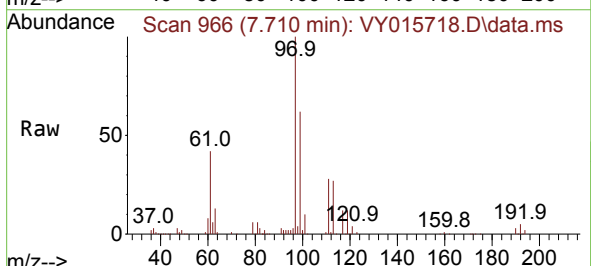


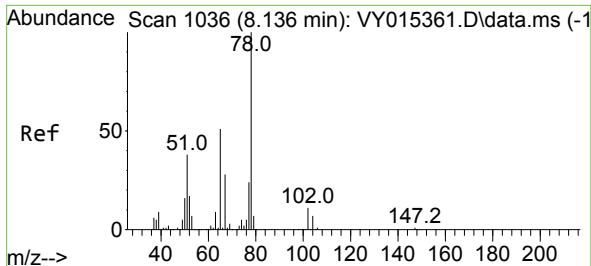
Tgt Ion: 56 Resp: 113571
Ion Ratio Lower Upper
56 100
69 34.4 27.8 41.6
84 91.4 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 60.139 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.019 min
Lab File: VY015718.D
Acq: 26 Sep 2023 19:08

Tgt Ion: 97 Resp: 157792
Ion Ratio Lower Upper
97 100
99 64.3 50.8 76.2
61 43.0 35.1 52.7

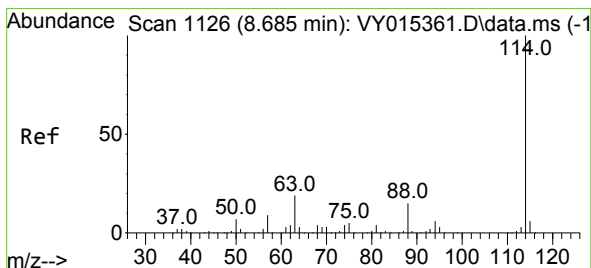
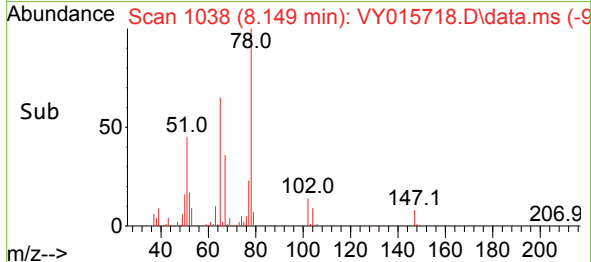
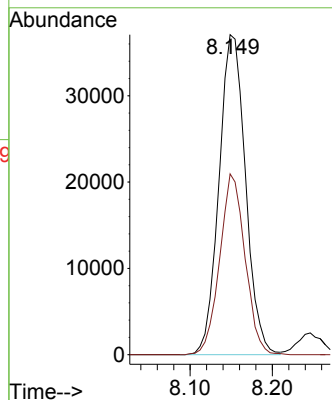
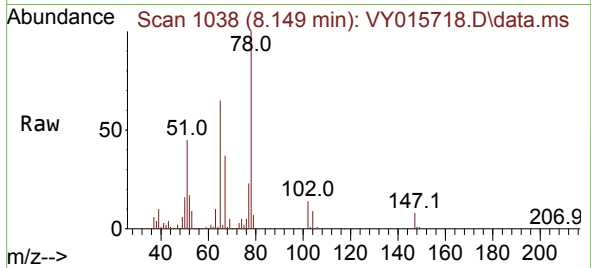




#33
 1,2-Dichloroethane-d4
 Concen: 53.709 ug/l
 RT: 8.149 min Scan# 110
 Delta R.T. 0.013 min
 Lab File: VY015718.D
 Acq: 26 Sep 2023 19:08

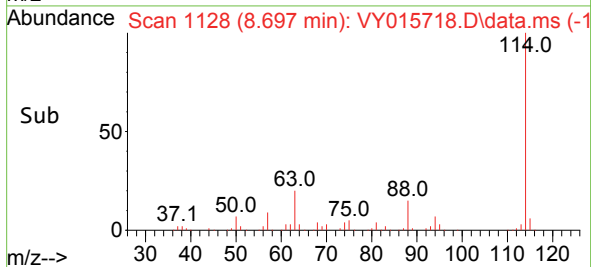
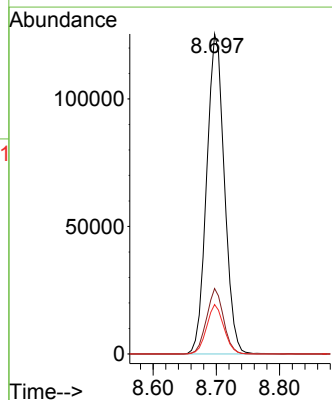
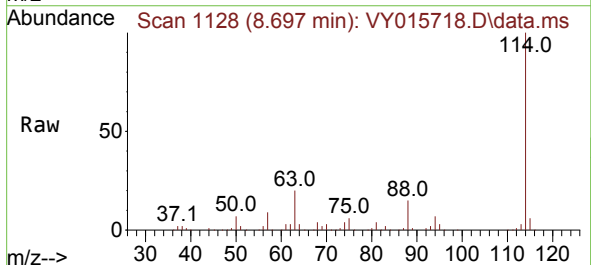
Instrument :
 MSVOA_Y
 ClientSampleId :

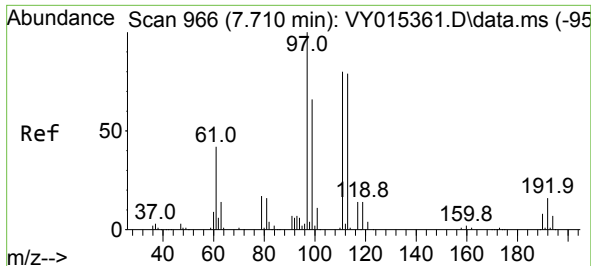
Tgt Ion: 65 Resp: 83123
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.012 min
 Lab File: VY015718.D
 Acq: 26 Sep 2023 19:08

Tgt Ion:114 Resp: 244856
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 42.4
 88 15.5 0.0 30.6

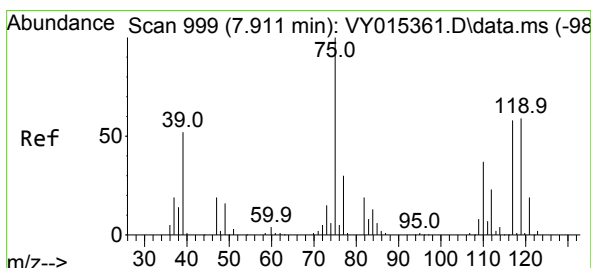
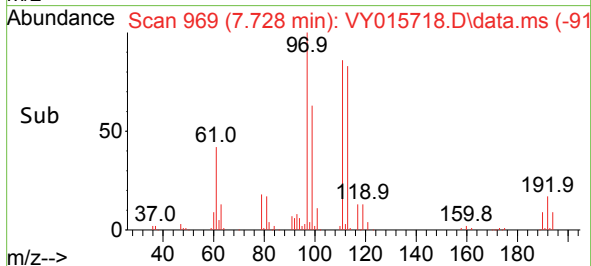
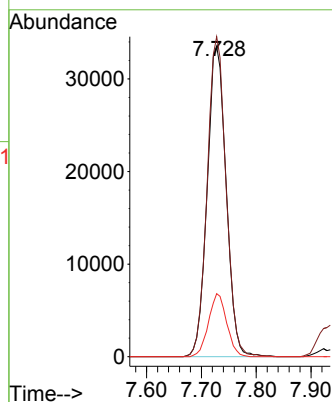
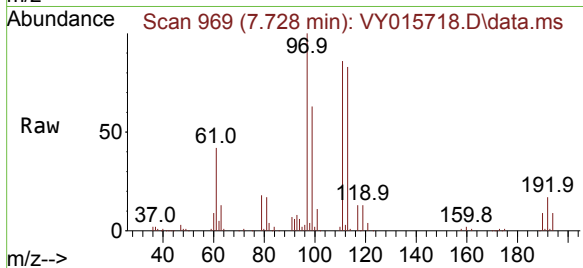




#35
Dibromofluoromethane
Concen: 54.904 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015718.D
Acq: 26 Sep 2023 19:08

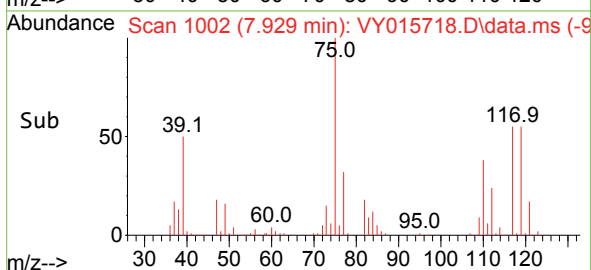
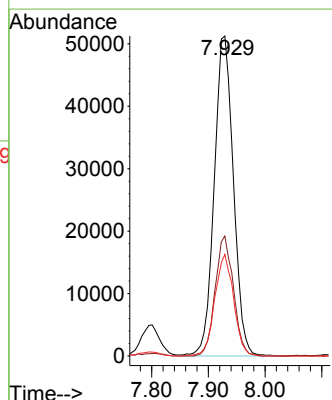
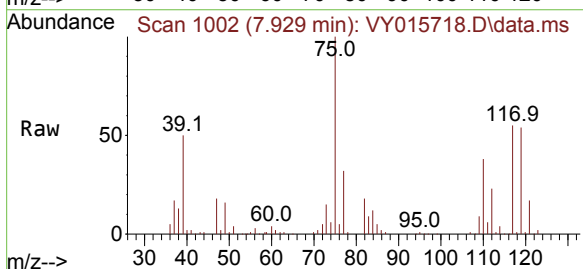
Instrument :
MSVOA_Y
ClientSampleId :

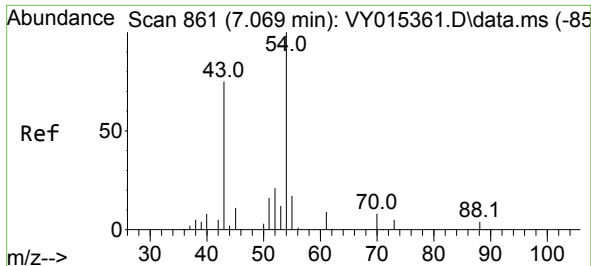
Tgt Ion:113 Resp: 80465
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 19.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 55.552 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.018 min
Lab File: VY015718.D
Acq: 26 Sep 2023 19:08

Tgt Ion: 75 Resp: 120377
Ion Ratio Lower Upper
75 100
110 35.7 17.8 53.5
77 31.1 24.4 36.6





#37

Ethyl Acetate

Concen: 58.621 ug/l

RT: 7.088 min Scan# 80

Delta R.T. 0.025 min

Lab File: VY015718.D

Acq: 26 Sep 2023 19:08

Instrument :

MSVOA_Y

ClientSampleId :

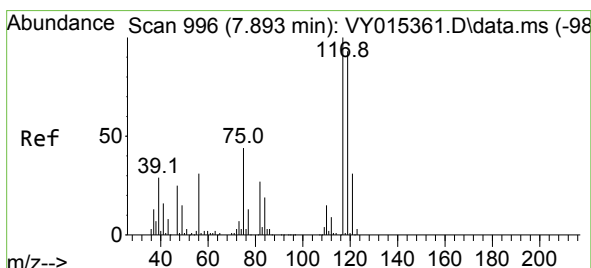
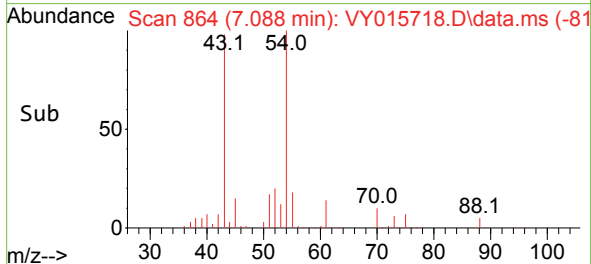
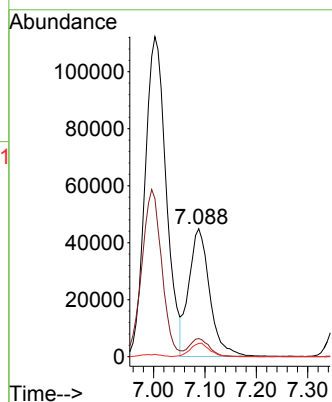
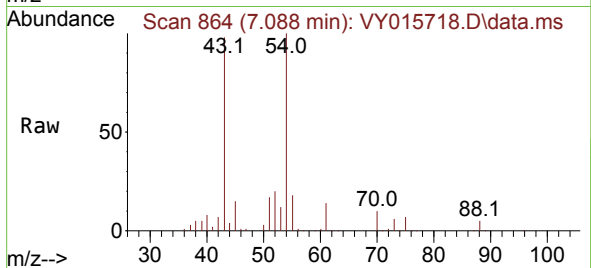
Tgt Ion: 43 Resp: 126704

Ion Ratio Lower Upper

43 100

61 13.6 10.1 15.1

70 9.9 7.1 10.7



#38

Carbon Tetrachloride

Concen: 57.303 ug/l

RT: 7.911 min Scan# 999

Delta R.T. 0.018 min

Lab File: VY015718.D

Acq: 26 Sep 2023 19:08

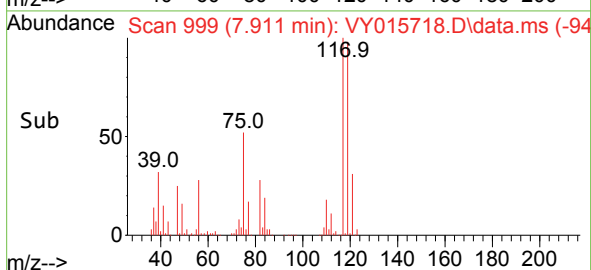
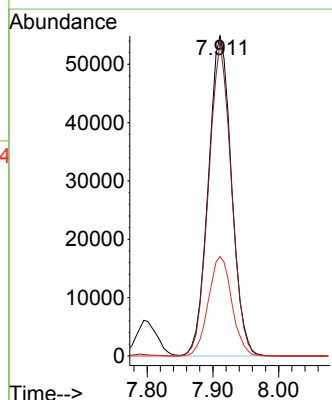
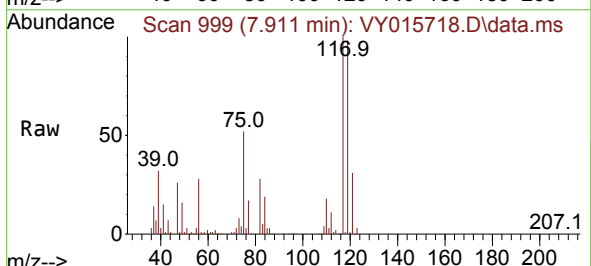
Tgt Ion: 117 Resp: 134783

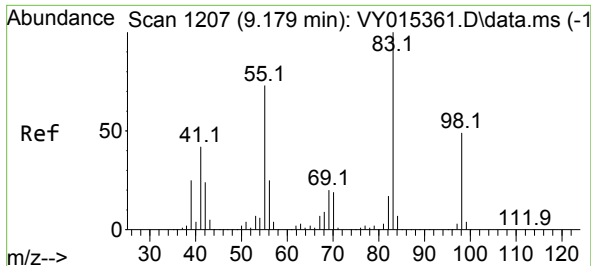
Ion Ratio Lower Upper

117 100

119 98.3 76.4 114.6

121 31.1 25.8 38.6

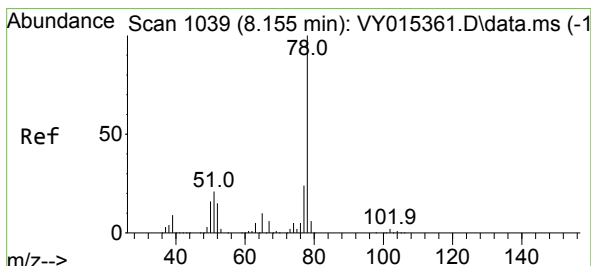
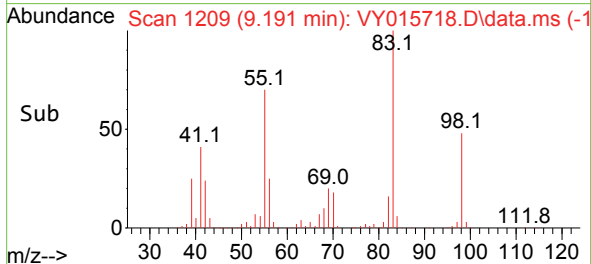
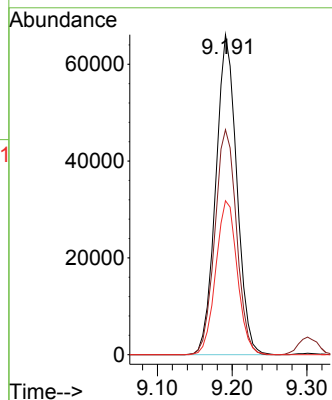
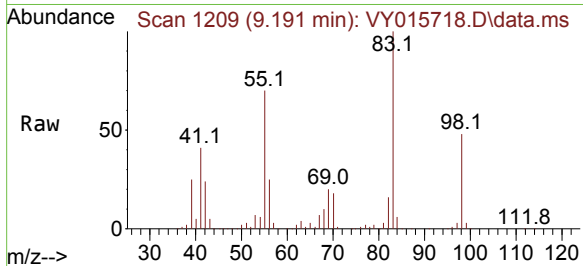




#39
Methylcyclohexane
Concen: 53.903 ug/l
RT: 9.191 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY015718.D
Acq: 26 Sep 2023 19:08

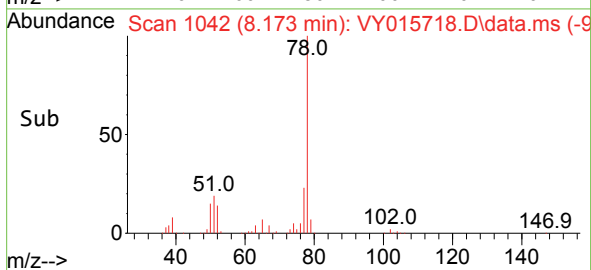
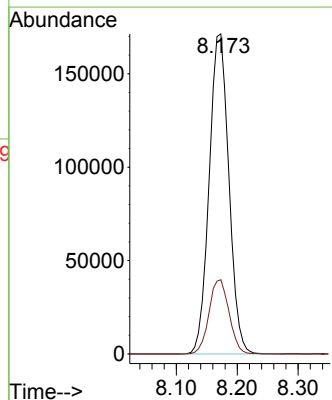
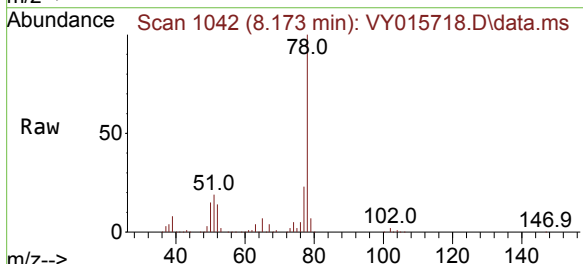
Instrument :
MSVOA_Y
ClientSampleId :

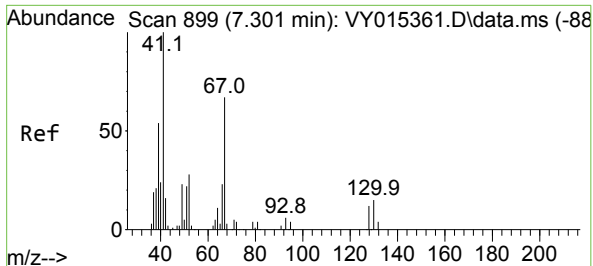
Tgt Ion: 83 Resp: 129191
Ion Ratio Lower Upper
83 100
55 70.3 63.0 94.4
98 48.1 37.4 56.2



#40
Benzene
Concen: 58.252 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.024 min
Lab File: VY015718.D
Acq: 26 Sep 2023 19:08

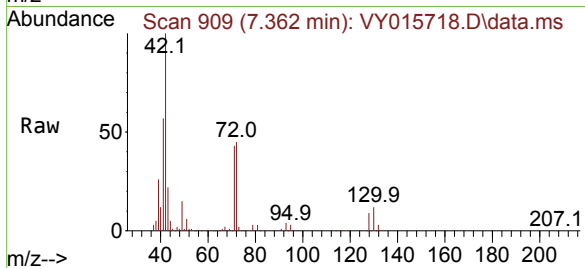
Tgt Ion: 78 Resp: 384939
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.6



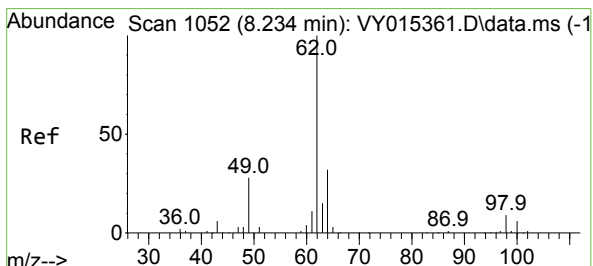
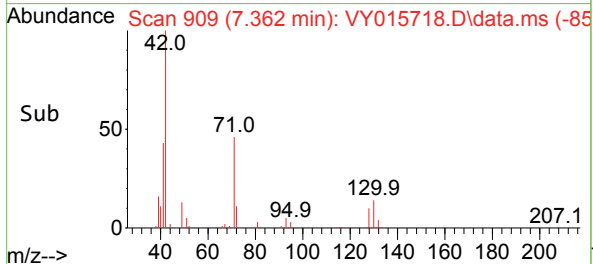
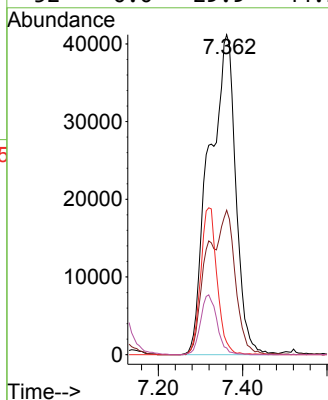


#41
Methacrylonitrile
Concen: 154.529 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.049 min
Lab File: VY015718.D
Acq: 26 Sep 2023 19:08

Instrument :
MSVOA_Y
ClientSampleId :

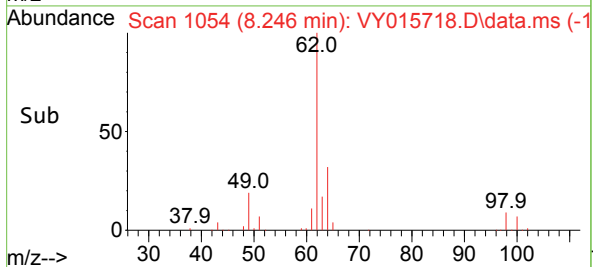
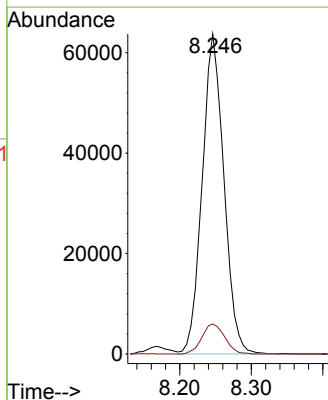
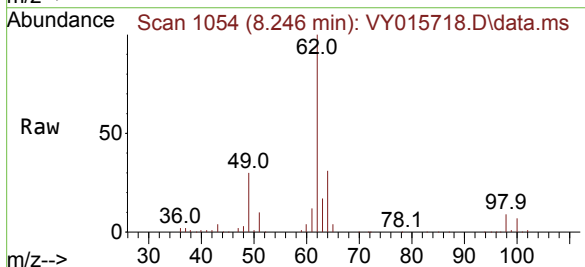


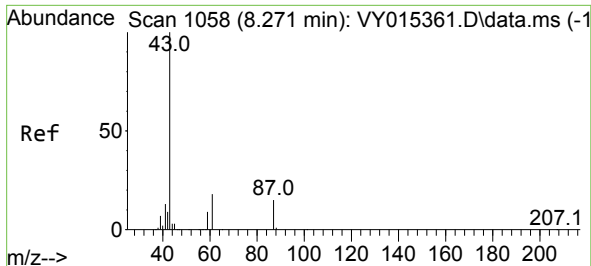
Tgt Ion: 41 Resp: 179840
Ion Ratio Lower Upper
41 100
39 26.9 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 59.376 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.012 min
Lab File: VY015718.D
Acq: 26 Sep 2023 19:08

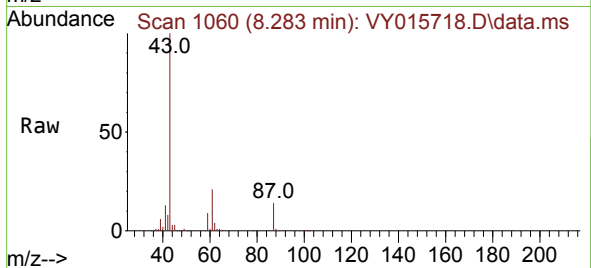
Tgt Ion: 62 Resp: 134378
Ion Ratio Lower Upper
62 100
98 9.9 0.0 15.8



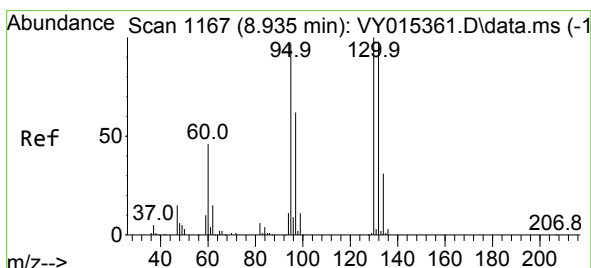
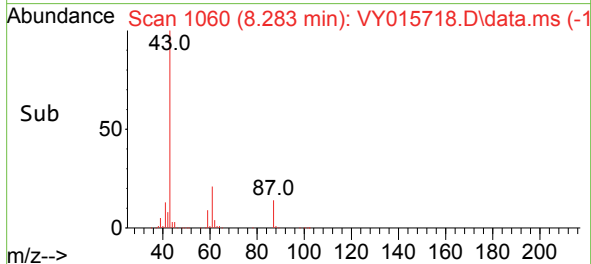
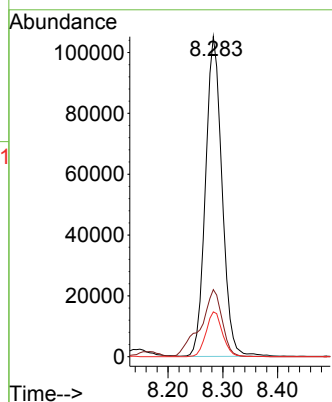


#43
Isopropyl Acetate
Concen: 59.408 ug/l
RT: 8.283 min Scan# 11060
Delta R.T. 0.019 min
Lab File: VY015718.D
Acq: 26 Sep 2023 19:08

Instrument :
MSVOA_Y
ClientSampleId :

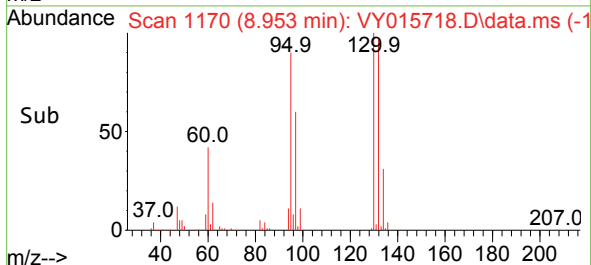
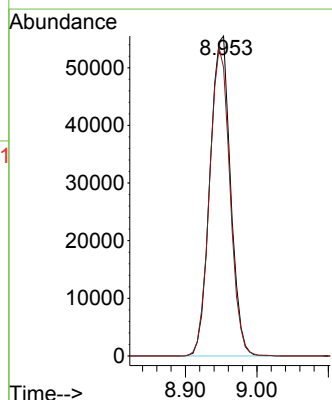
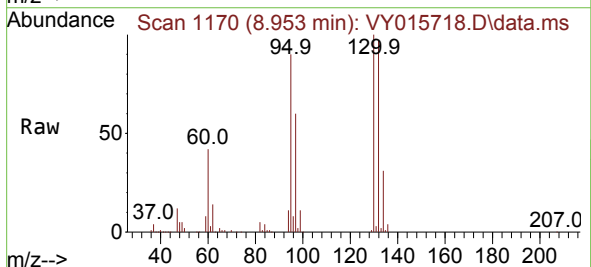


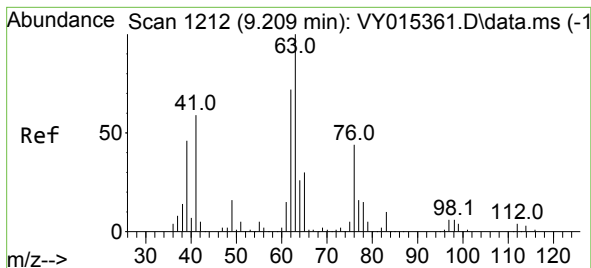
Tgt Ion: 43 Resp: 219341
Ion Ratio Lower Upper
43 100
61 27.4 21.1 31.7
87 14.1 9.8 14.8



#44
Trichloroethene
Concen: 59.984 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.018 min
Lab File: VY015718.D
Acq: 26 Sep 2023 19:08

Tgt Ion:130 Resp: 110711
Ion Ratio Lower Upper
130 100
95 90.1 0.0 196.0





#45

1,2-Dichloropropane

Concen: 58.756 ug/l

RT: 9.221 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015718.D

Acq: 26 Sep 2023 19:08

Instrument :

MSVOA_Y

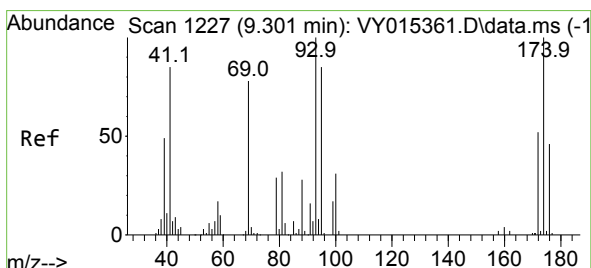
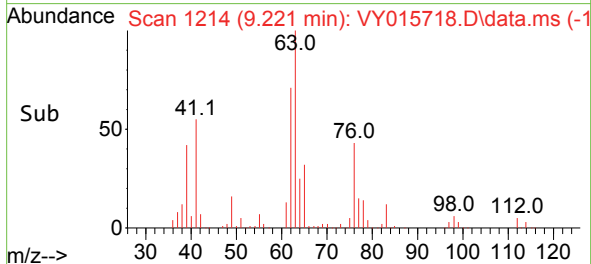
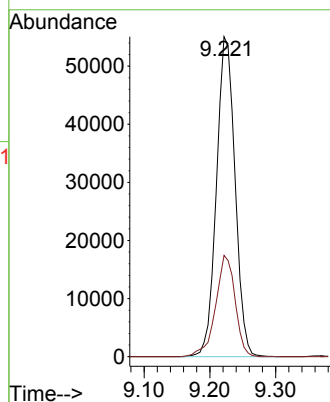
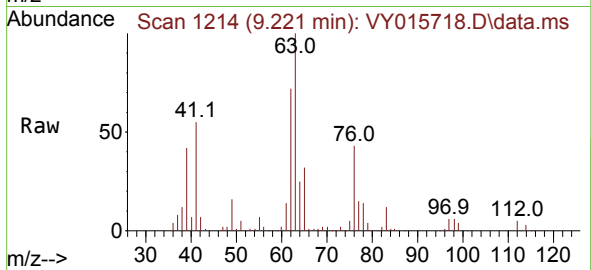
ClientSampleId :

Tgt Ion: 63 Resp: 108277

Ion Ratio Lower Upper

63 100

65 31.7 23.8 35.6



#46

Dibromomethane

Concen: 59.982 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.018 min

Lab File: VY015718.D

Acq: 26 Sep 2023 19:08

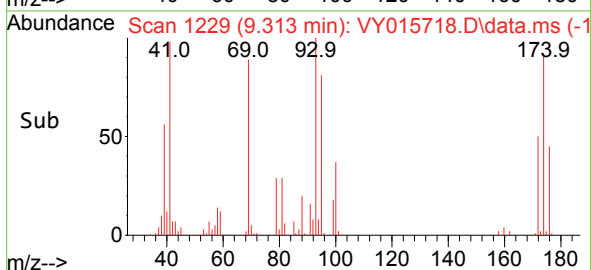
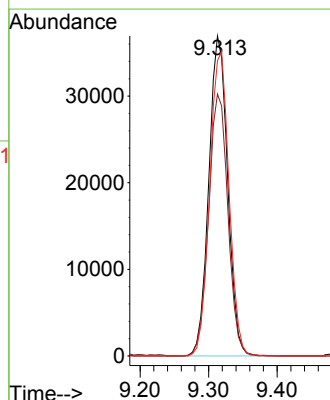
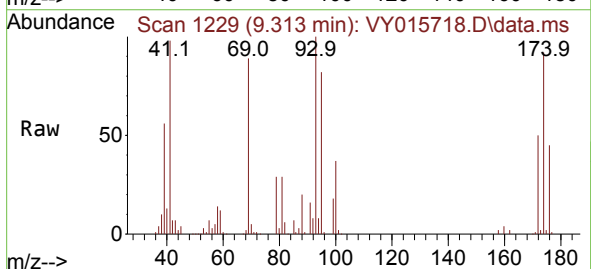
Tgt Ion: 93 Resp: 70707

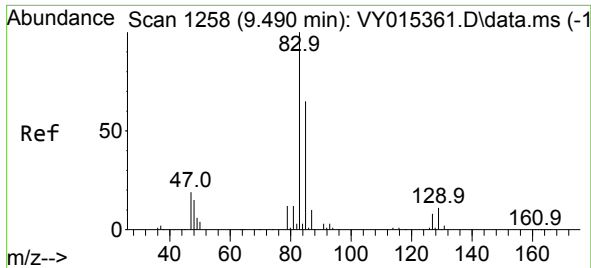
Ion Ratio Lower Upper

93 100

95 83.7 66.6 100.0

174 97.2 84.8 127.2

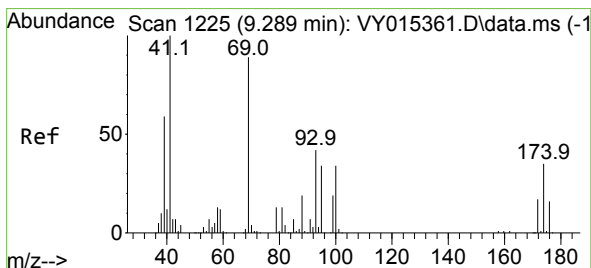
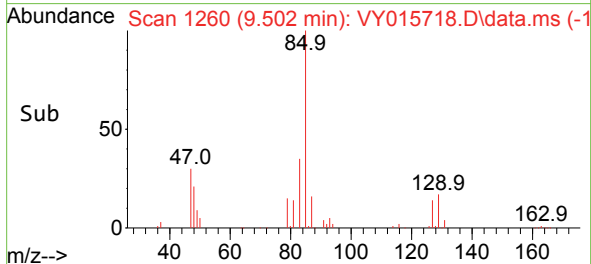
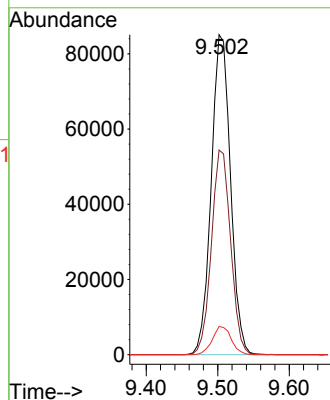
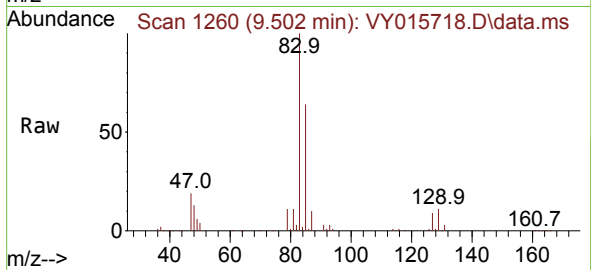




#47
Bromodichloromethane
Concen: 60.503 ug/l
RT: 9.502 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY015718.D
Acq: 26 Sep 2023 19:08

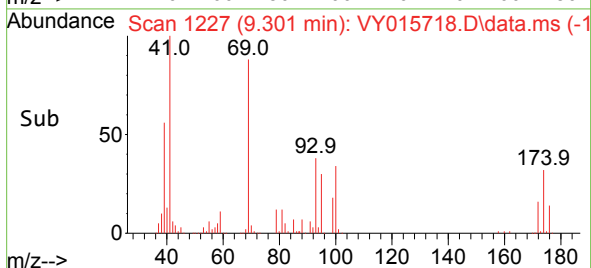
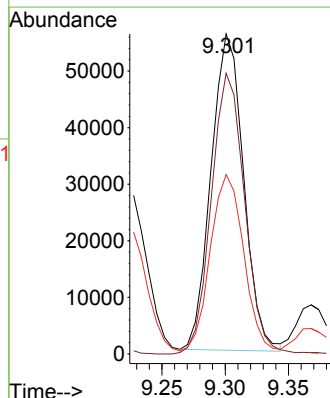
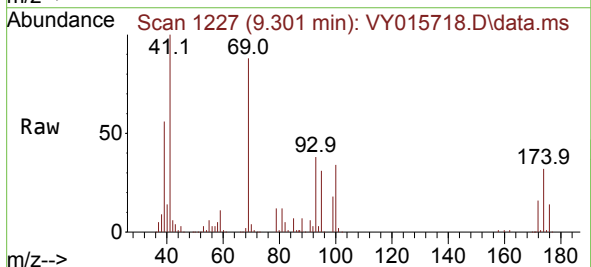
Instrument :
MSVOA_Y
ClientSampleId :

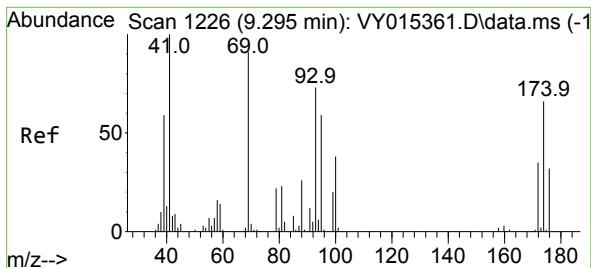
Tgt Ion: 83 Resp: 158971
Ion Ratio Lower Upper
83 100
85 63.9 50.1 75.1
127 8.8 7.1 10.7



#48
Methyl methacrylate
Concen: 61.742 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.012 min
Lab File: VY015718.D
Acq: 26 Sep 2023 19:08

Tgt Ion: 41 Resp: 100059
Ion Ratio Lower Upper
41 100
69 90.9 64.5 96.7
39 59.1 50.8 76.2





#49

1,4-Dioxane

Concen: 1284.604 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.030 min

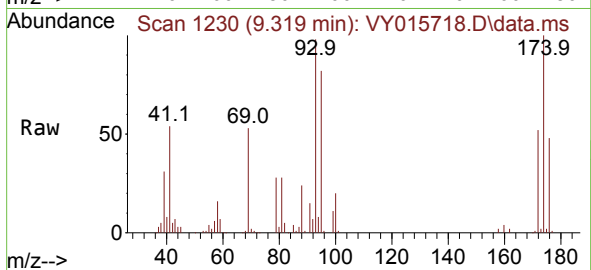
Lab File: VY015718.D

Acq: 26 Sep 2023 19:08

Instrument :

MSVOA_Y

ClientSampleId :



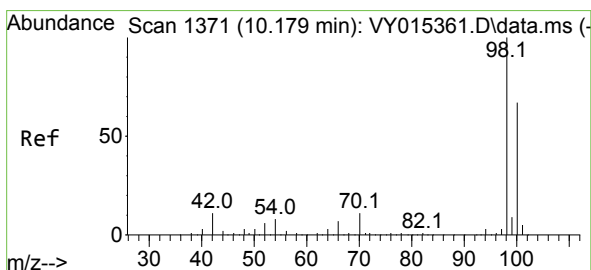
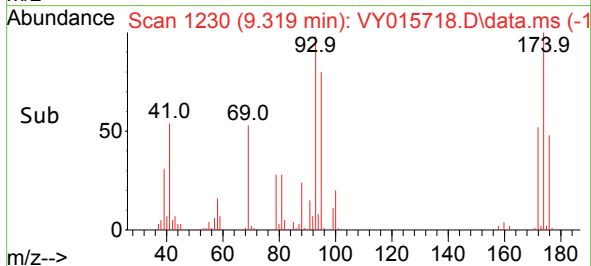
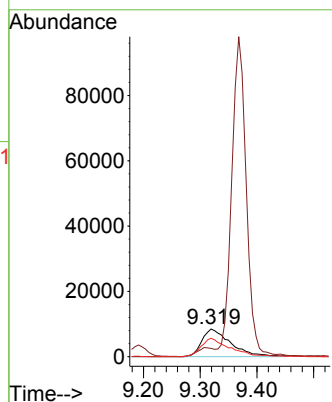
Tgt Ion: 88 Resp: 29916

Ion Ratio Lower Upper

88 100

43 19.4 0.0 0.0#

58 67.6 30.9 46.3#



#50

Toluene-d8

Concen: 50.637 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY015718.D

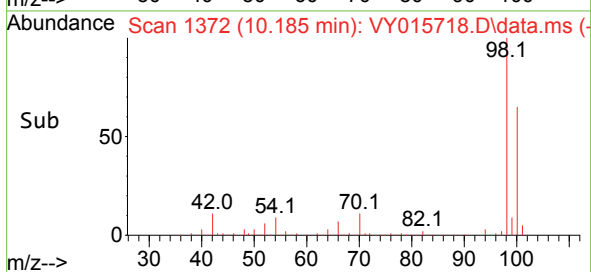
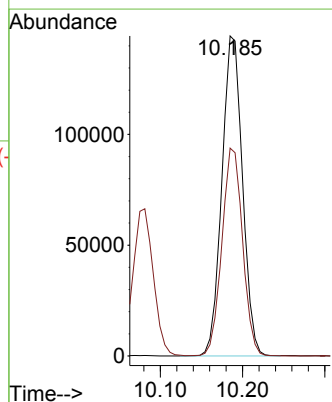
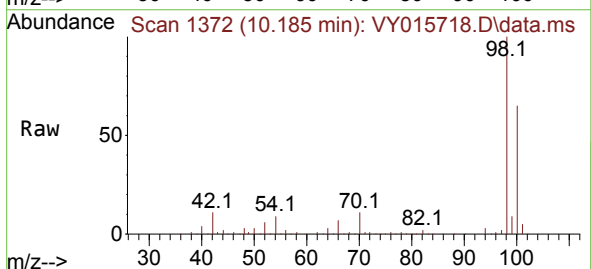
Acq: 26 Sep 2023 19:08

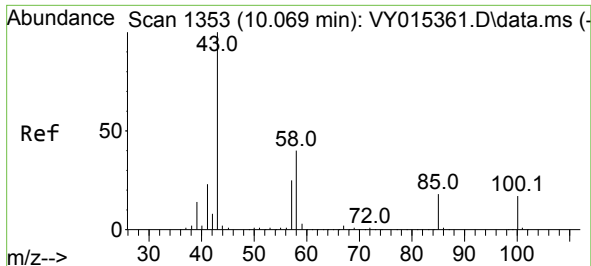
Tgt Ion: 98 Resp: 251621

Ion Ratio Lower Upper

98 100

100 65.3 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 306.675 ug/l

RT: 10.075 min Scan# 1354

Delta R.T. 0.006 min

Lab File: VY015718.D

Acq: 26 Sep 2023 19:08

Instrument :

MSVOA_Y

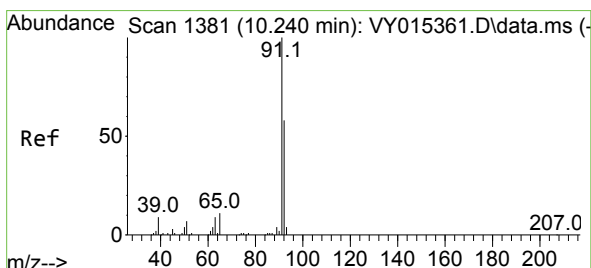
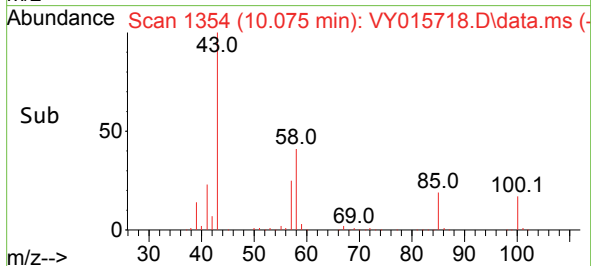
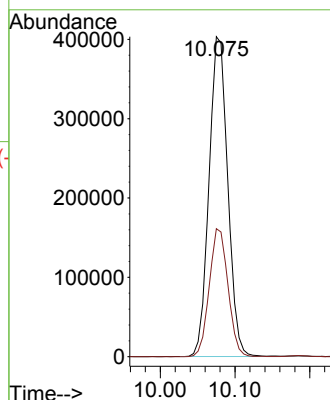
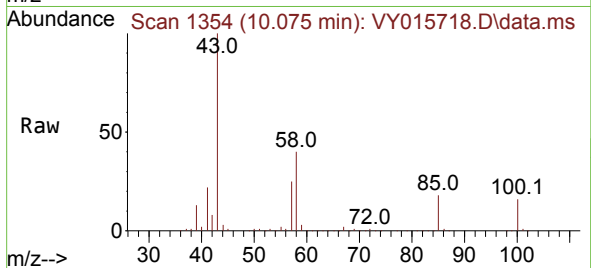
ClientSampleId :

Tgt Ion: 43 Resp: 701804

Ion Ratio Lower Upper

43 100

58 40.0 29.0 43.6



#52

Toluene

Concen: 58.745 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. 0.012 min

Lab File: VY015718.D

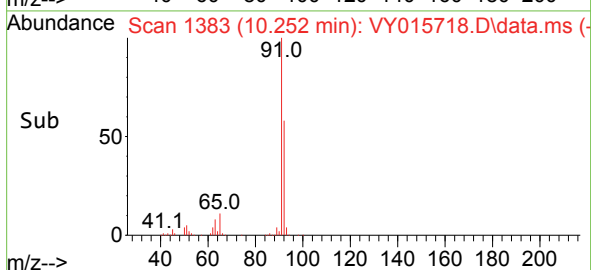
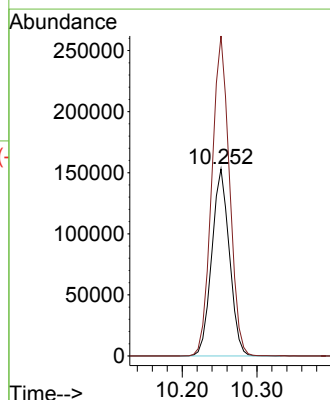
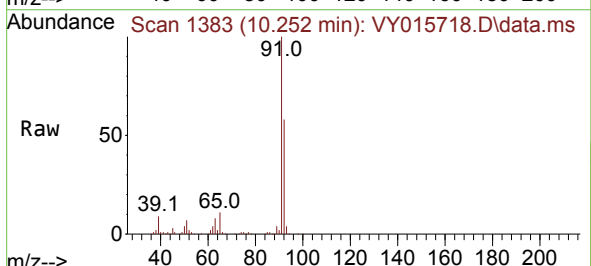
Acq: 26 Sep 2023 19:08

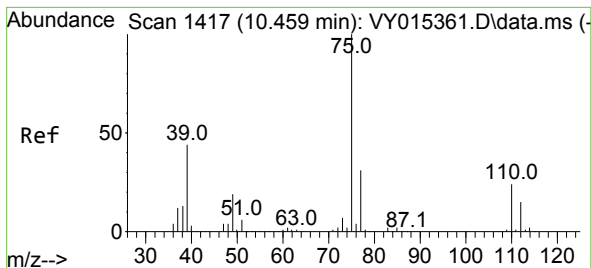
Tgt Ion: 92 Resp: 250268

Ion Ratio Lower Upper

92 100

91 172.5 143.8 215.6

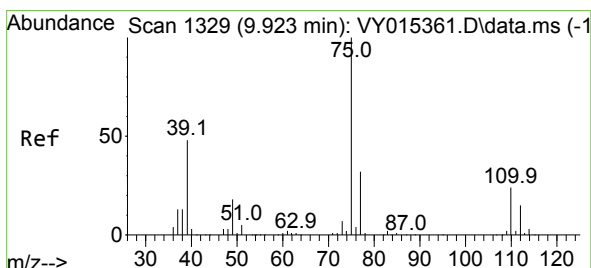
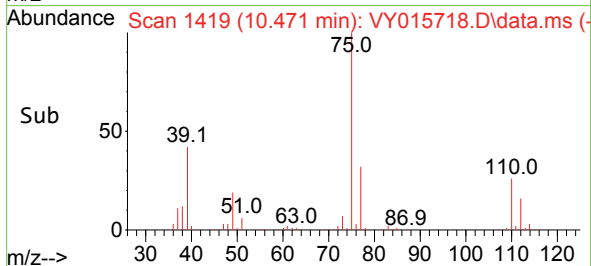
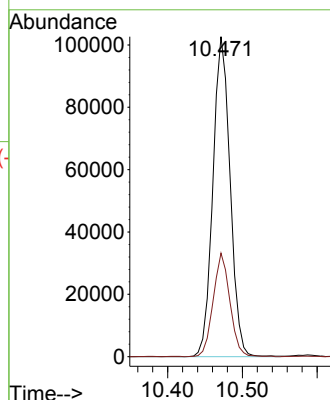
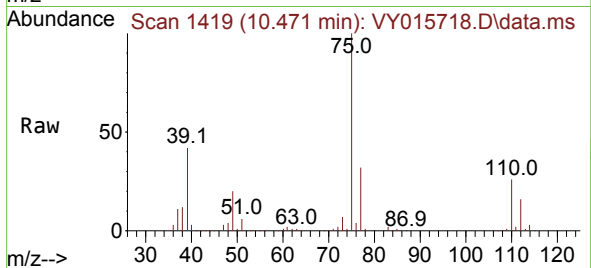




#53
 t-1,3-Dichloropropene
 Concen: 58.308 ug/l
 RT: 10.471 min Scan# 1417
 Delta R.T. 0.012 min
 Lab File: VY015718.D
 Acq: 26 Sep 2023 19:08

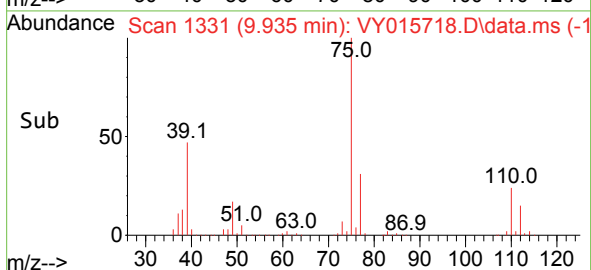
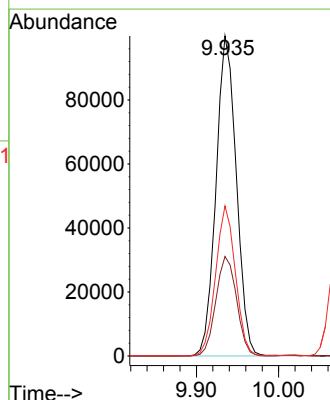
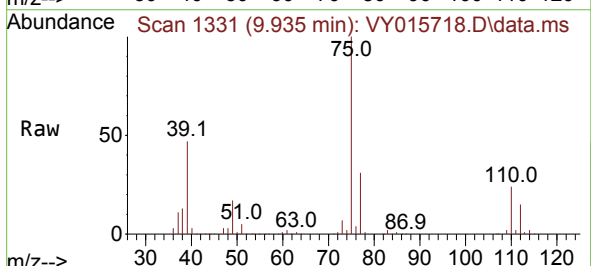
Instrument :
 MSVOA_Y
 ClientSampleId :

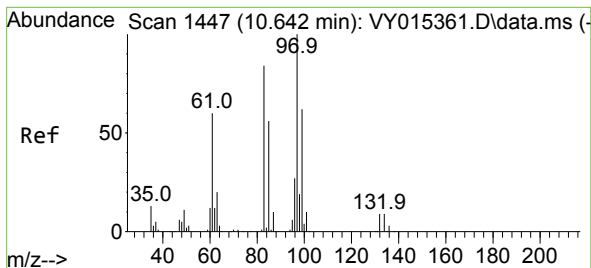
Tgt Ion: 75 Resp: 164292
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 56.655 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.012 min
 Lab File: VY015718.D
 Acq: 26 Sep 2023 19:08

Tgt Ion: 75 Resp: 171834
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.2 36.4
 39 46.8 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 60.434 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. 0.012 min

Lab File: VY015718.D

Acq: 26 Sep 2023 19:08

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 104399

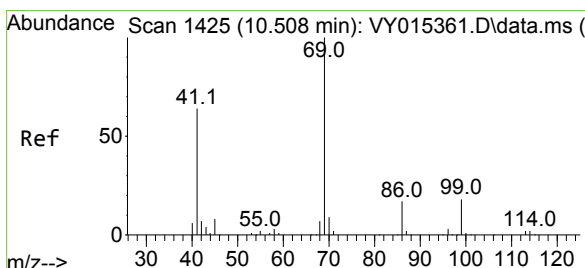
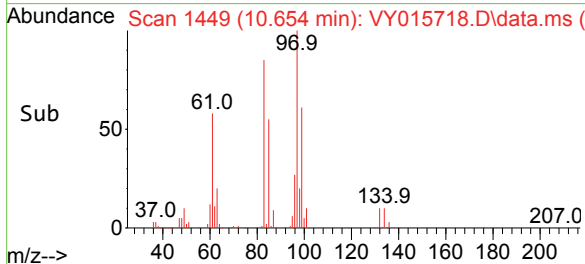
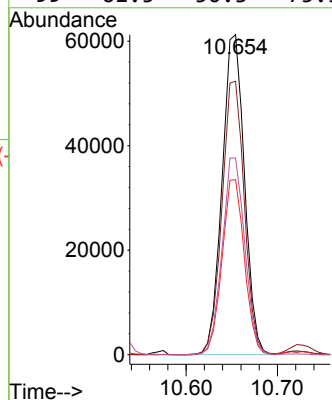
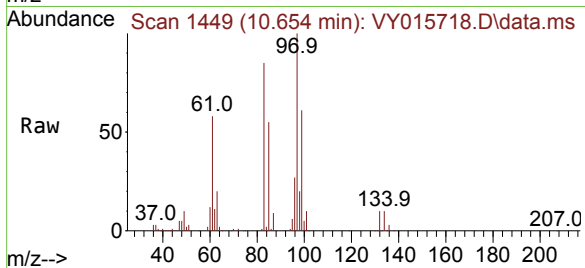
Ion Ratio Lower Upper

97 100

83 85.5 72.0 108.0

85 54.7 45.4 68.0

99 61.5 50.3 75.5



#56

Ethyl methacrylate

Concen: 61.547 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.012 min

Lab File: VY015718.D

Acq: 26 Sep 2023 19:08

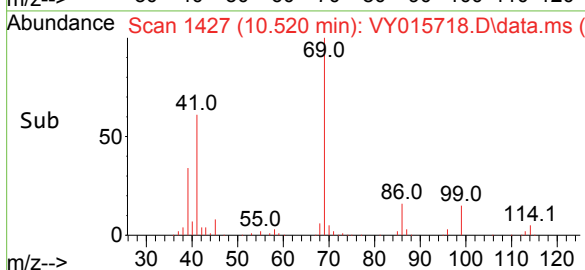
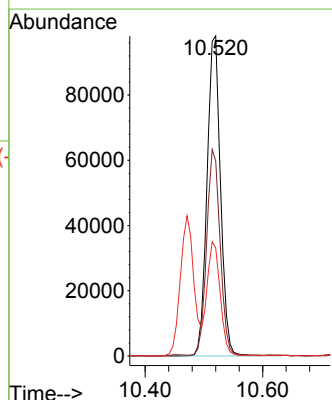
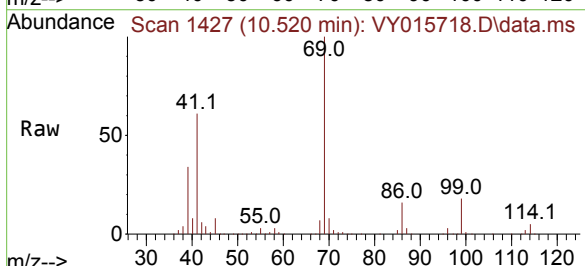
Tgt Ion: 69 Resp: 156687

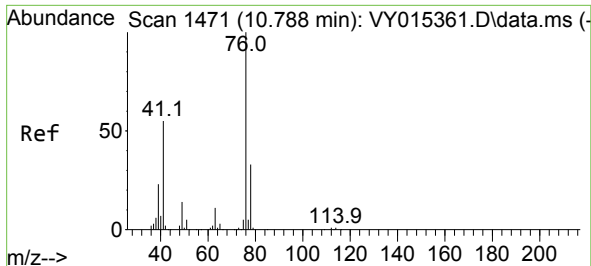
Ion Ratio Lower Upper

69 100

41 64.0 57.6 86.4

39 34.5 34.1 51.1





#57

1,3-Dichloropropane

Concen: 59.981 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY015718.D

Acq: 26 Sep 2023 19:08

Instrument :

MSVOA_Y

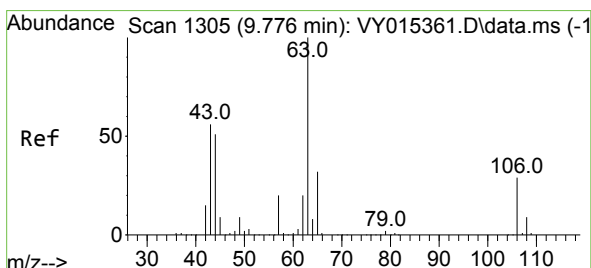
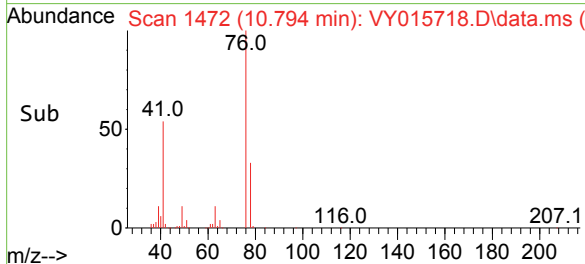
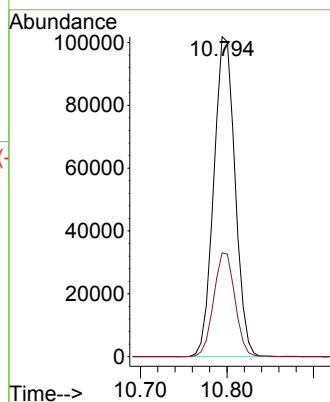
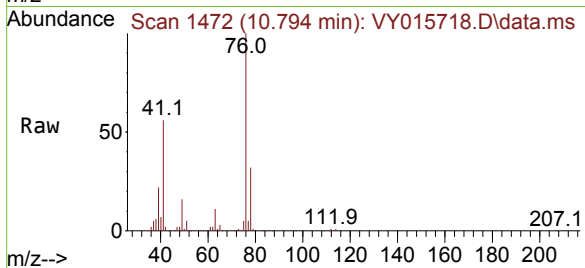
ClientSampleId :

Tgt Ion: 76 Resp: 173762

Ion Ratio Lower Upper

76 100

78 32.6 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 251.037 ug/l

RT: 9.788 min Scan# 1307

Delta R.T. 0.012 min

Lab File: VY015718.D

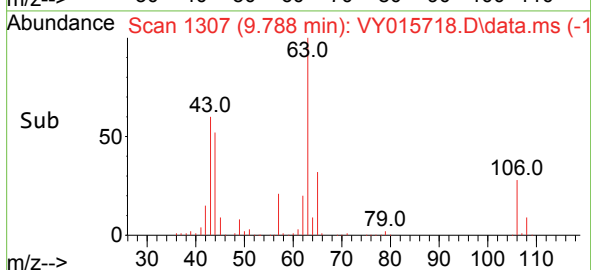
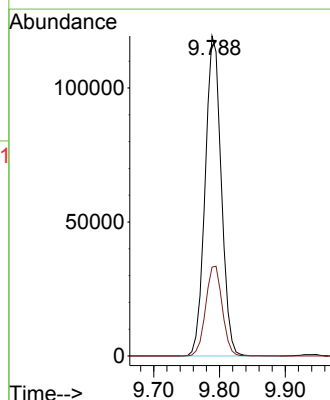
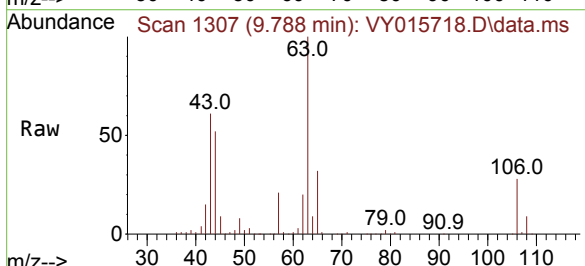
Acq: 26 Sep 2023 19:08

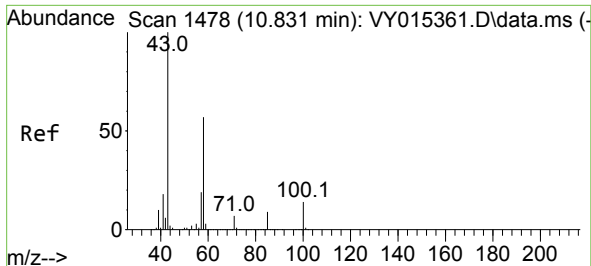
Tgt Ion: 63 Resp: 203002

Ion Ratio Lower Upper

63 100

106 28.9 21.2 31.8

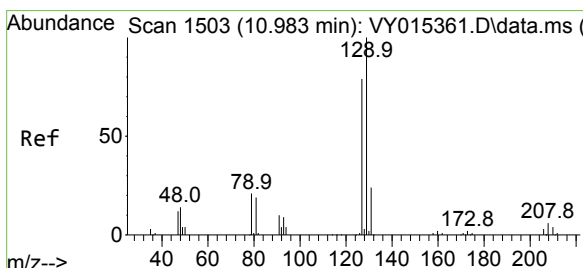
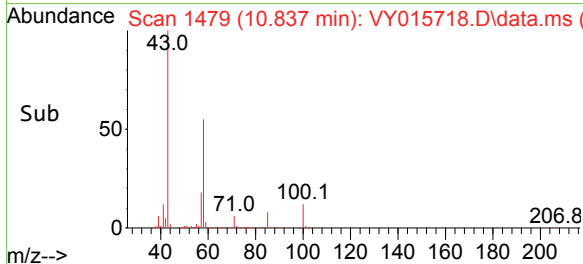
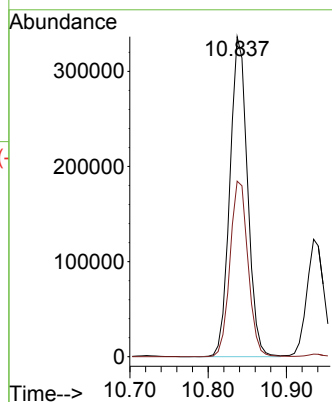
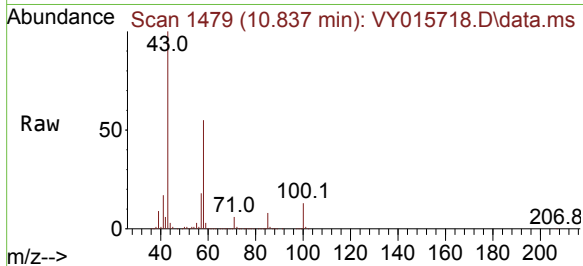




#59
2-Hexanone
Concen: 299.188 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY015718.D
Acq: 26 Sep 2023 19:08

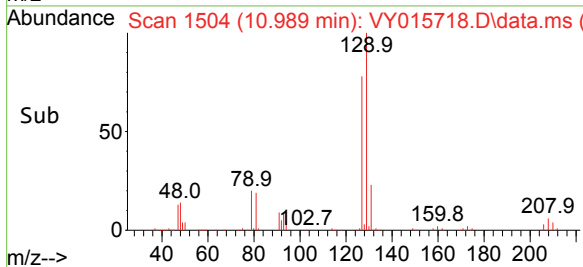
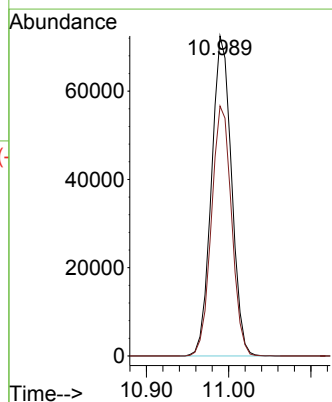
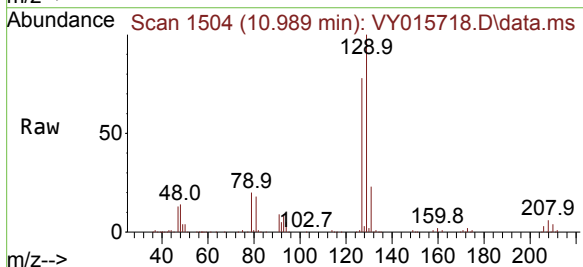
Instrument :
MSVOA_Y
ClientSampleId :

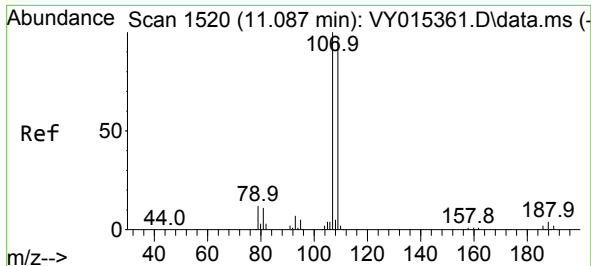
Tgt Ion: 43 Resp: 525287
Ion Ratio Lower Upper
43 100
58 56.0 25.1 75.3



#60
Dibromochloromethane
Concen: 60.794 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY015718.D
Acq: 26 Sep 2023 19:08

Tgt Ion:129 Resp: 122595
Ion Ratio Lower Upper
129 100
127 78.5 38.5 115.5

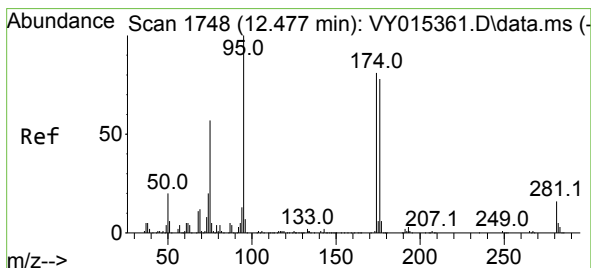
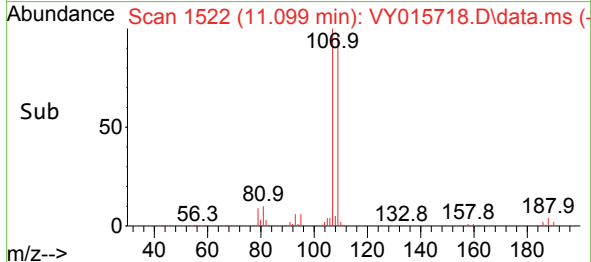
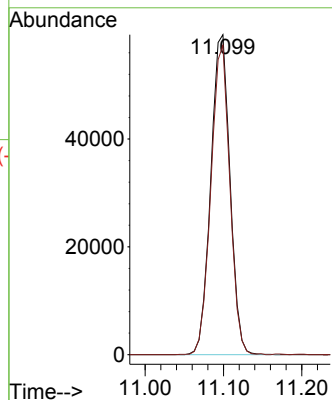
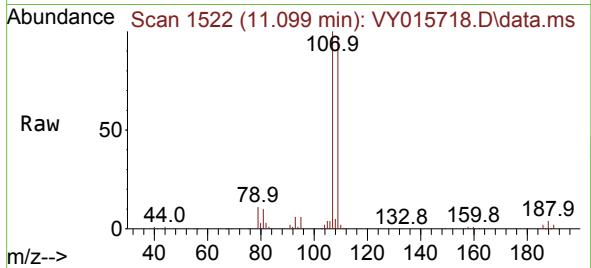




#61
1,2-Dibromoethane
Concen: 59.911 ug/l
RT: 11.099 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY015718.D
Acq: 26 Sep 2023 19:08

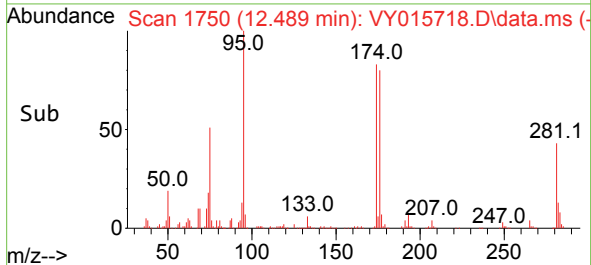
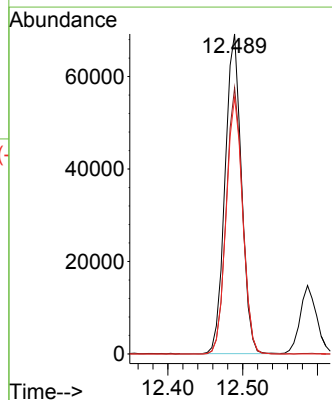
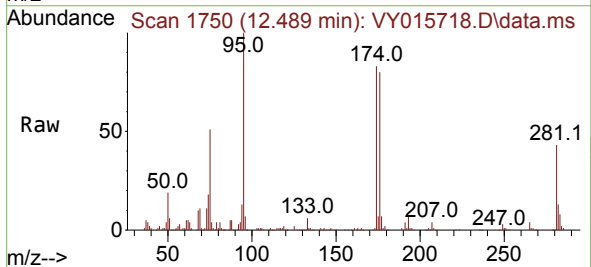
Instrument :
MSVOA_Y
ClientSampleId :

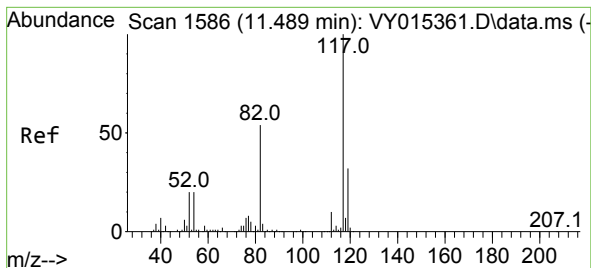
Tgt Ion:107 Resp: 101251
Ion Ratio Lower Upper
107 100
109 95.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 54.301 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.012 min
Lab File: VY015718.D
Acq: 26 Sep 2023 19:08

Tgt Ion: 95 Resp: 105891
Ion Ratio Lower Upper
95 100
174 82.9 0.0 178.2
176 80.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015718.D

Acq: 26 Sep 2023 19:08

Instrument :

MSVOA_Y

ClientSampleId :

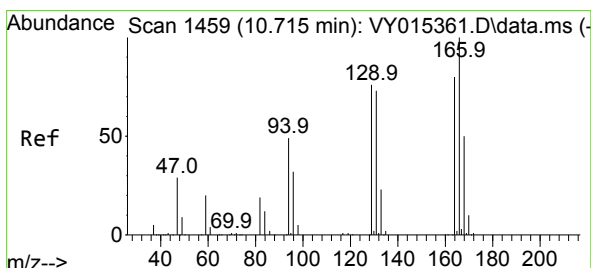
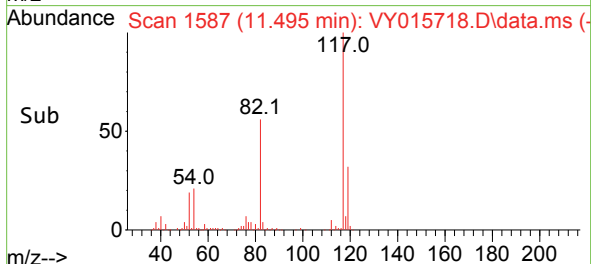
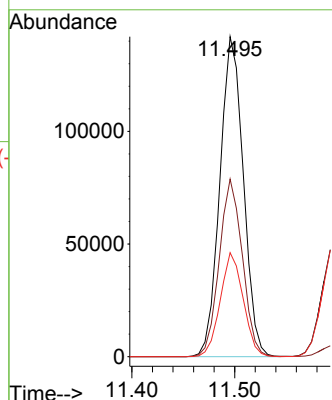
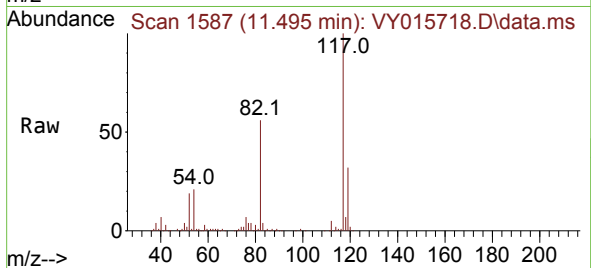
Tgt Ion:117 Resp: 225286

Ion Ratio Lower Upper

117 100

82 55.5 43.4 65.0

119 32.5 26.3 39.5



#64

Tetrachloroethene

Concen: 70.039 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. 0.012 min

Lab File: VY015718.D

Acq: 26 Sep 2023 19:08

Tgt Ion:164 Resp: 135377

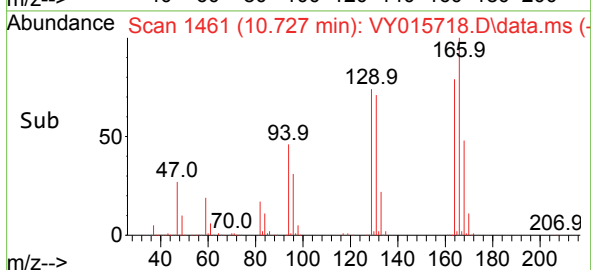
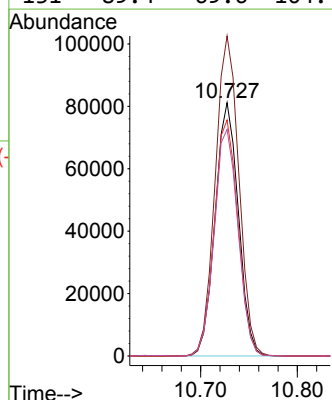
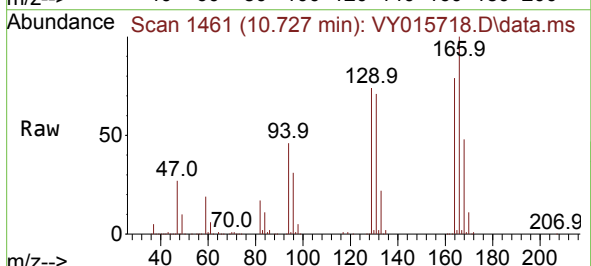
Ion Ratio Lower Upper

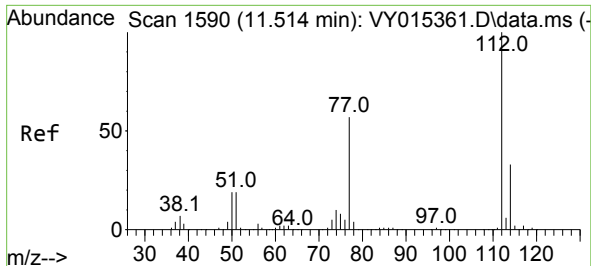
164 100

166 126.4 103.0 154.6

129 93.2 77.2 115.8

131 89.4 69.6 104.4

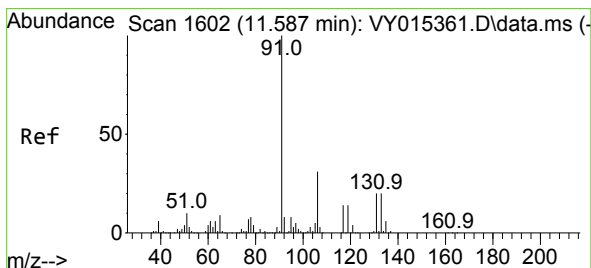
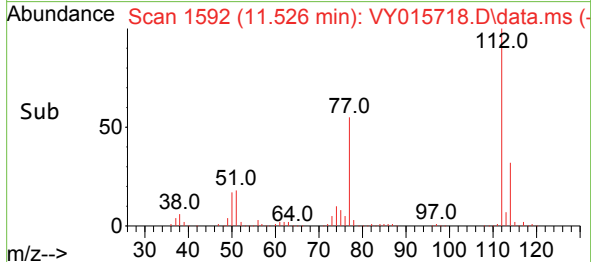
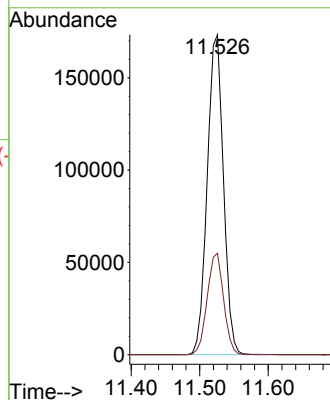
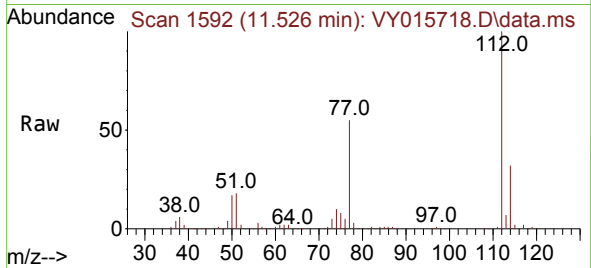




#65
Chlorobenzene
Concen: 58.083 ug/l
RT: 11.526 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY015718.D
Acq: 26 Sep 2023 19:08

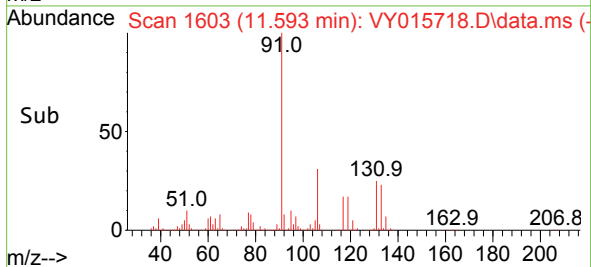
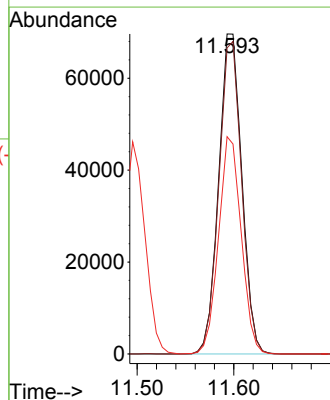
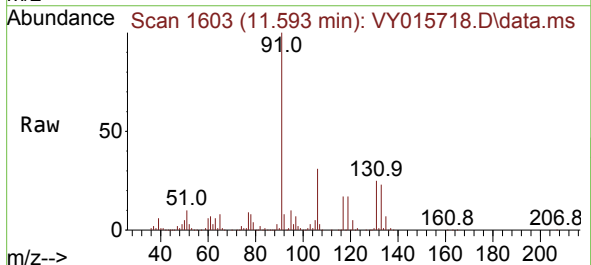
Instrument :
MSVOA_Y
ClientSampleId :

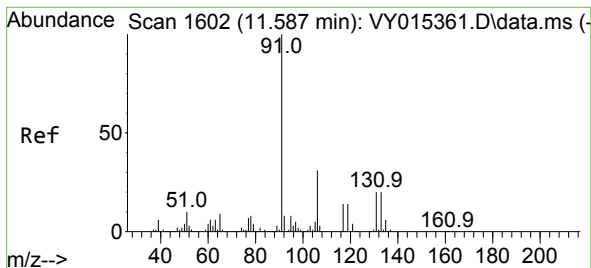
Tgt Ion:112 Resp: 285628
Ion Ratio Lower Upper
112 100
114 31.7 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 60.615 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015718.D
Acq: 26 Sep 2023 19:08

Tgt Ion:131 Resp: 115786
Ion Ratio Lower Upper
131 100
133 96.1 47.5 142.6
119 66.5 31.6 94.7





#67

Ethyl Benzene

Concen: 58.476 ug/l

RT: 11.599 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY015718.D

Acq: 26 Sep 2023 19:08

Instrument :

MSVOA_Y

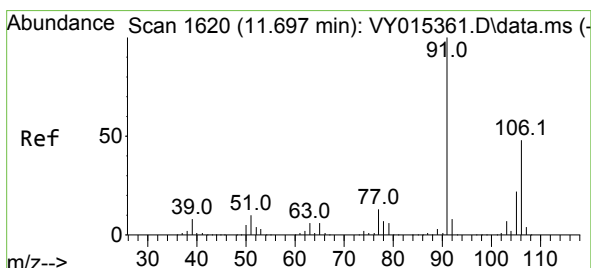
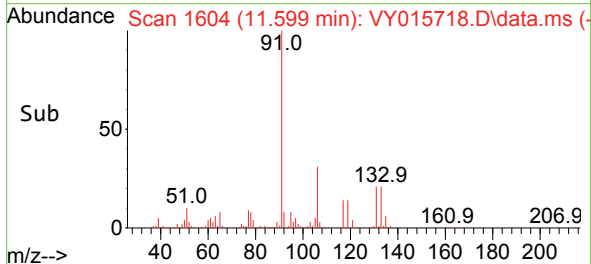
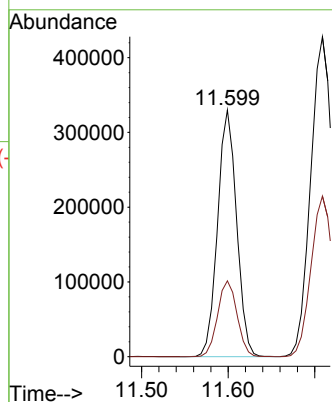
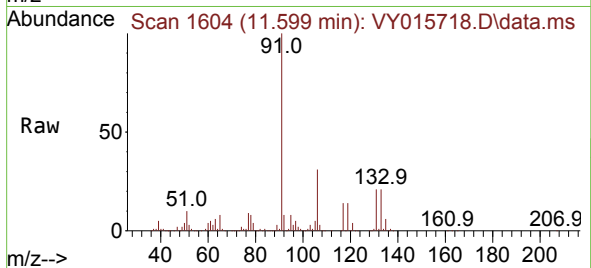
ClientSampleId :

Tgt Ion: 91 Resp: 502610

Ion Ratio Lower Upper

91 100

106 30.7 24.6 36.8



#68

m/p-Xylenes

Concen: 117.175 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.006 min

Lab File: VY015718.D

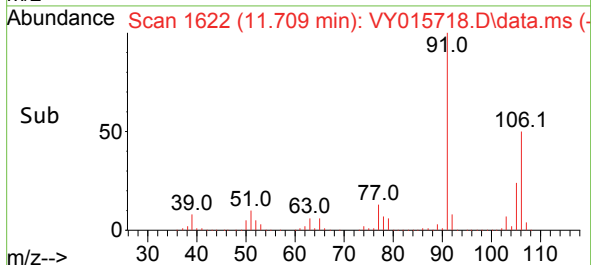
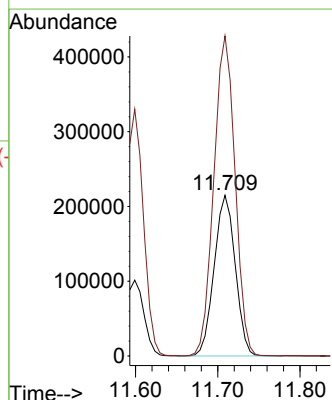
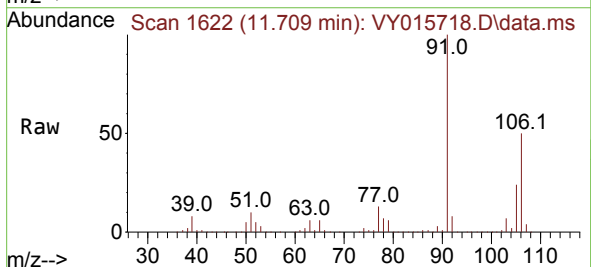
Acq: 26 Sep 2023 19:08

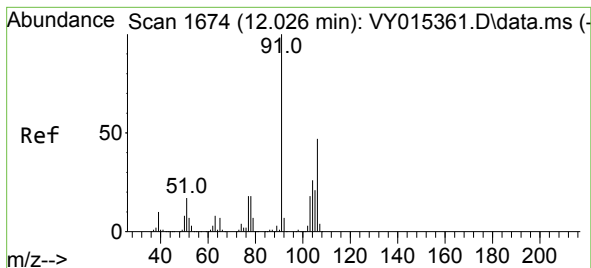
Tgt Ion:106 Resp: 382806

Ion Ratio Lower Upper

106 100

91 200.7 166.1 249.1





#69

o-Xylene

Concen: 59.862 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. 0.012 min

Lab File: VY015718.D

Acq: 26 Sep 2023 19:08

Instrument :

MSVOA_Y

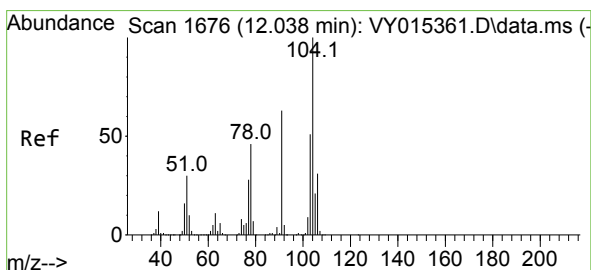
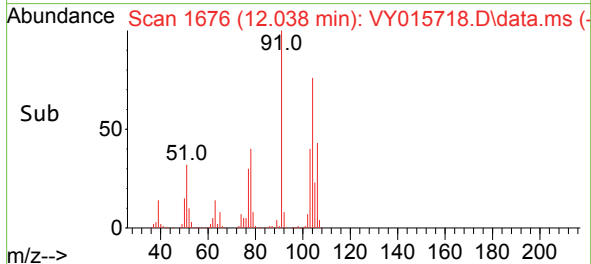
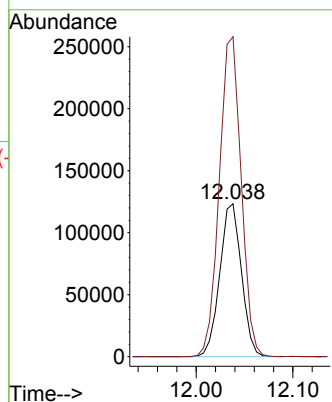
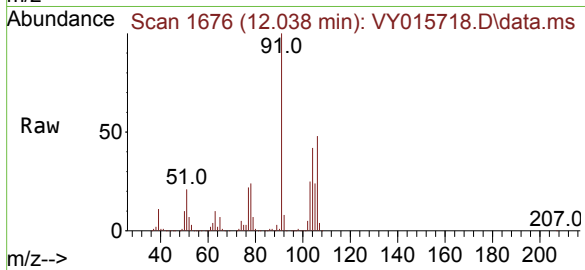
ClientSampleId :

Tgt Ion:106 Resp: 191766

Ion Ratio Lower Upper

106 100

91 211.6 108.1 324.3



#70

Styrene

Concen: 60.942 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.006 min

Lab File: VY015718.D

Acq: 26 Sep 2023 19:08

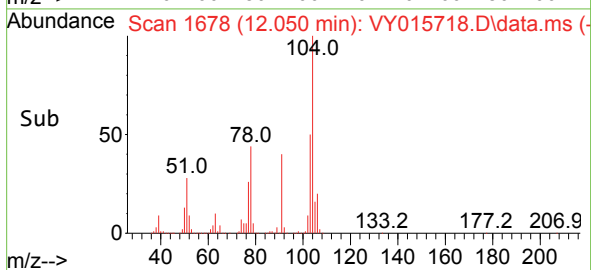
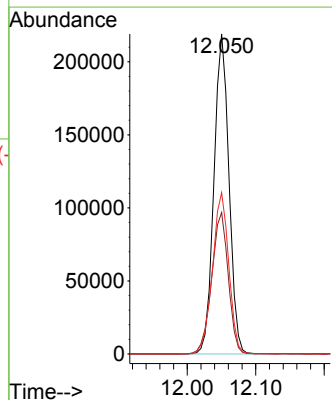
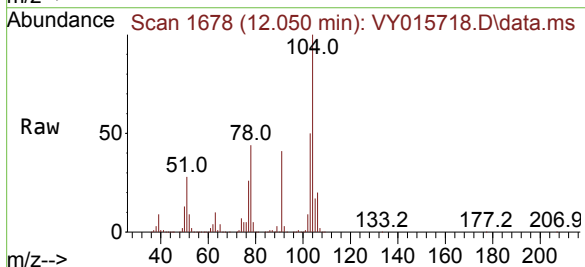
Tgt Ion:104 Resp: 334170

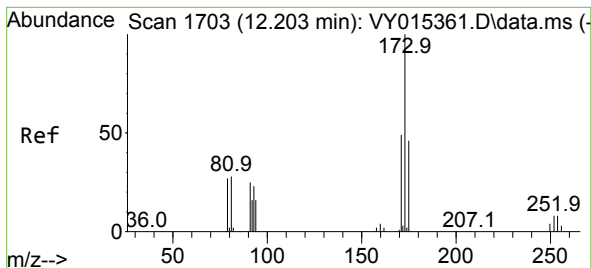
Ion Ratio Lower Upper

104 100

78 48.8 41.5 62.3

103 54.7 44.6 67.0





#71

Bromoform

Concen: 62.916 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015718.D

Acq: 26 Sep 2023 19:08

Instrument :

MSVOA_Y

ClientSampleId :

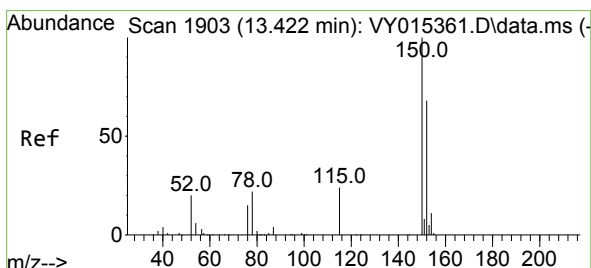
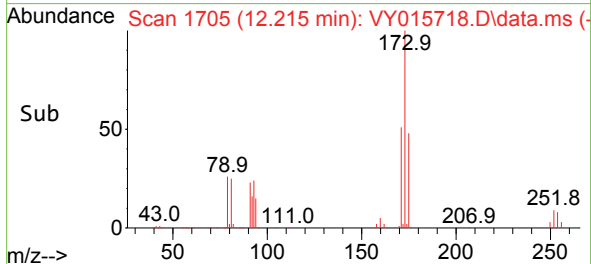
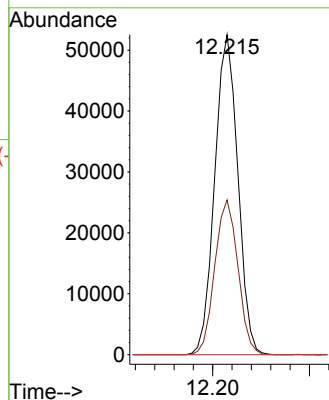
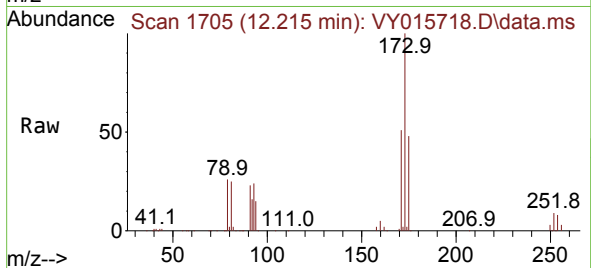
Tgt Ion:173 Resp: 87090

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: 13.434 min Scan# 1905

Delta R.T. 0.012 min

Lab File: VY015718.D

Acq: 26 Sep 2023 19:08

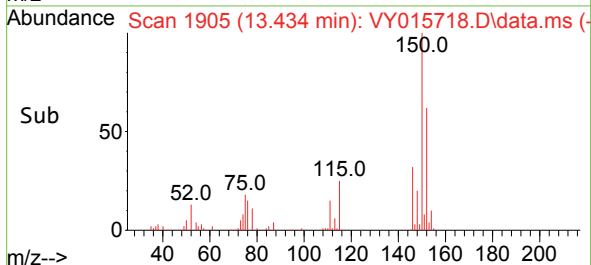
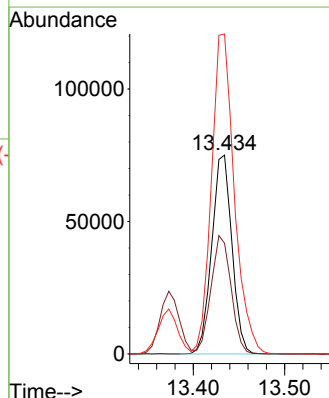
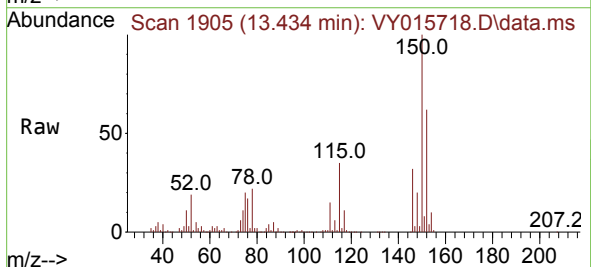
Tgt Ion:152 Resp: 115170

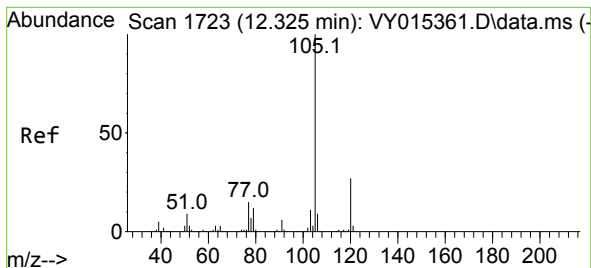
Ion Ratio Lower Upper

152 100

115 59.4 28.8 86.5

150 182.2 0.0 348.8





#73

Isopropylbenzene

Concen: 57.681 ug/l

RT: 12.337 min Scan# 1725

Delta R.T. 0.012 min

Lab File: VY015718.D

Acq: 26 Sep 2023 19:08

Instrument :

MSVOA_Y

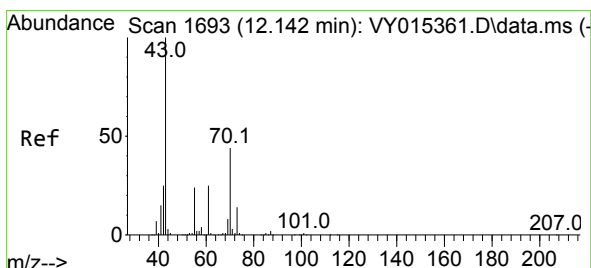
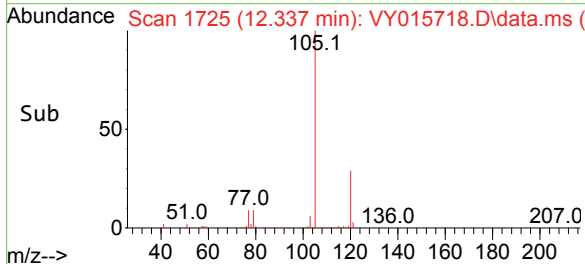
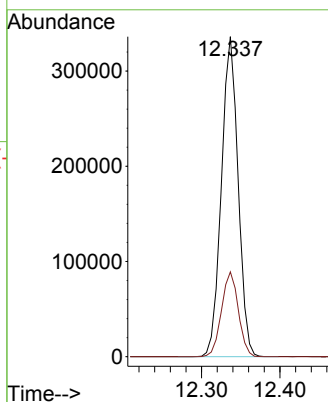
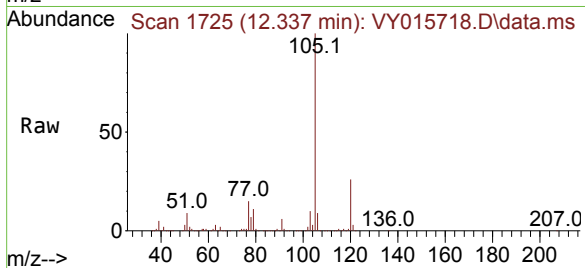
ClientSampleId :

Tgt Ion:105 Resp: 498344

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#74

N-ethyl acetate

Concen: 57.868 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY015718.D

Acq: 26 Sep 2023 19:08

Tgt Ion: 43 Resp: 187909

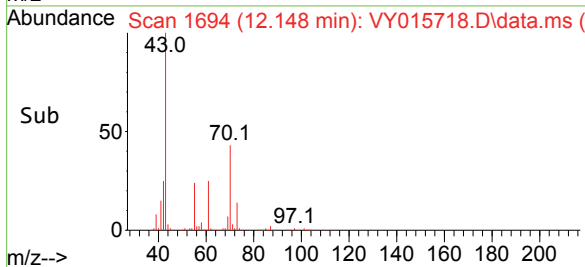
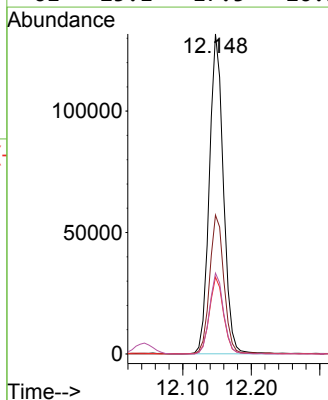
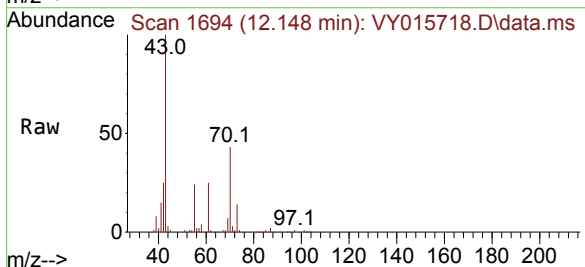
Ion Ratio Lower Upper

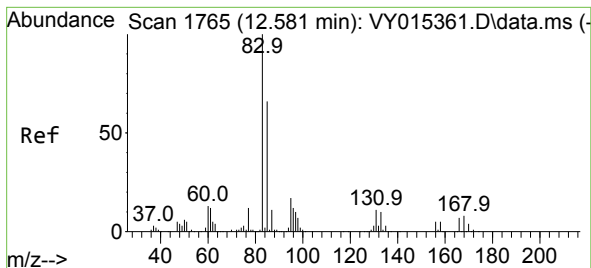
43 100

70 44.0 29.7 44.5

55 23.9 18.3 27.5

61 25.1 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 57.338 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.006 min

Lab File: VY015718.D

Acq: 26 Sep 2023 19:08

Instrument :

MSVOA_Y

ClientSampleId :

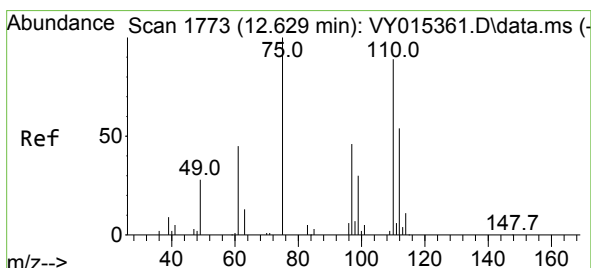
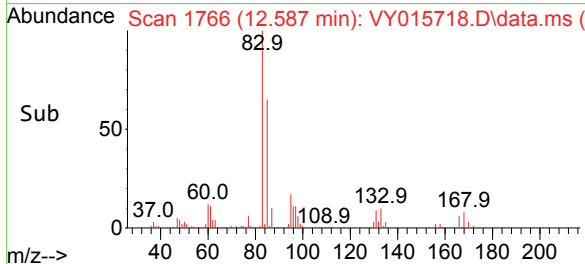
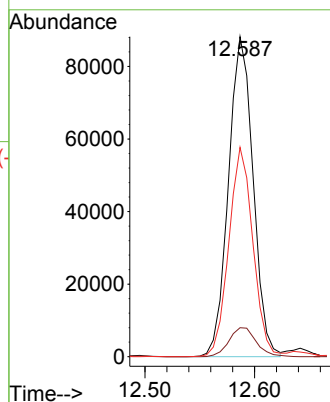
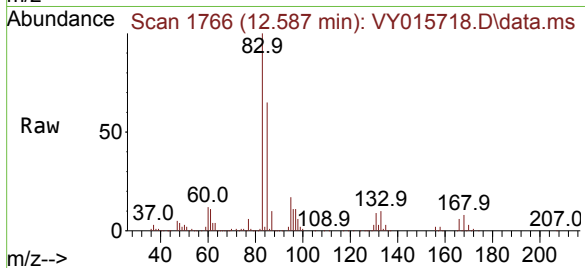
Tgt Ion: 83 Resp: 137870

Ion Ratio Lower Upper

83 100

131 10.0 5.4 16.2

85 63.9 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 100.447 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.013 min

Lab File: VY015718.D

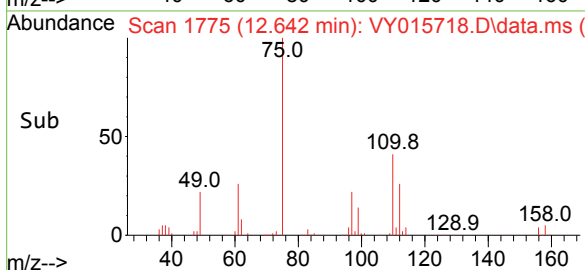
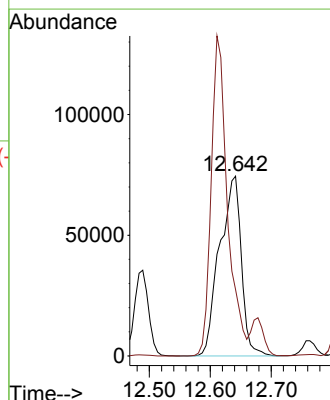
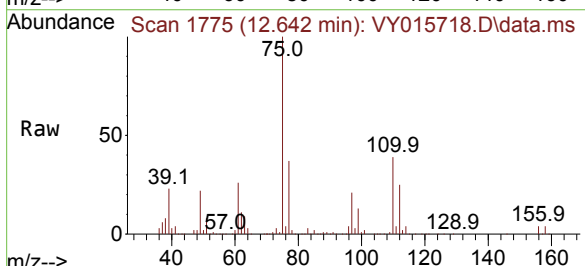
Acq: 26 Sep 2023 19:08

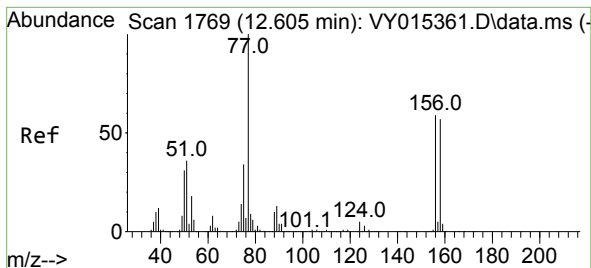
Tgt Ion: 75 Resp: 184556

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 58.085 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.012 min

Lab File: VY015718.D

Acq: 26 Sep 2023 19:08

Instrument :

MSVOA_Y

ClientSampleId :

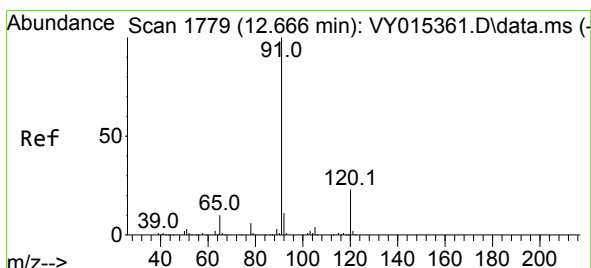
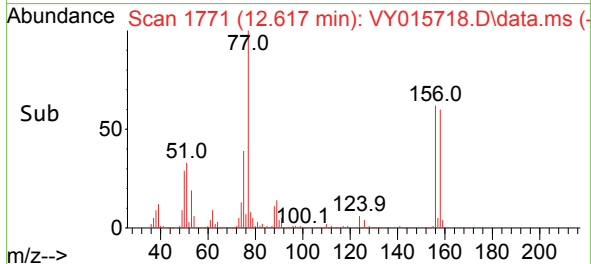
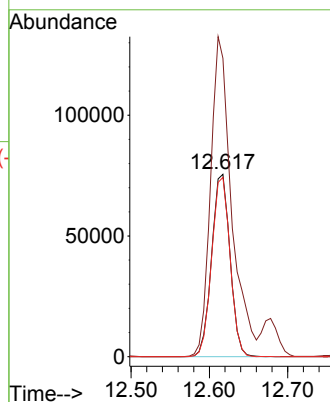
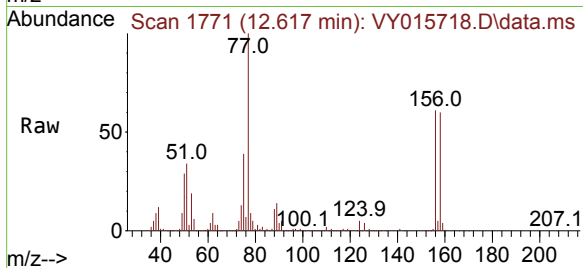
Tgt Ion:156 Resp: 123186

Ion Ratio Lower Upper

156 100

77 200.1 92.8 278.6

158 98.2 48.4 145.3



#78

n-propylbenzene

Concen: 57.014 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.012 min

Lab File: VY015718.D

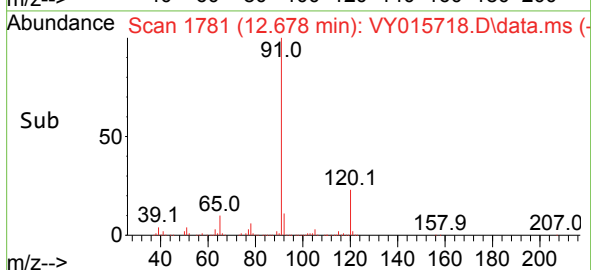
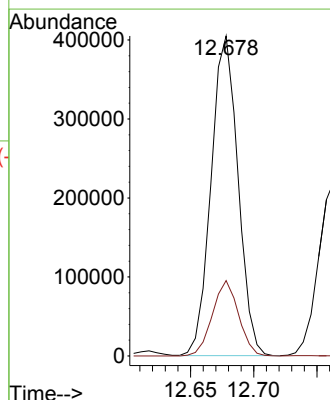
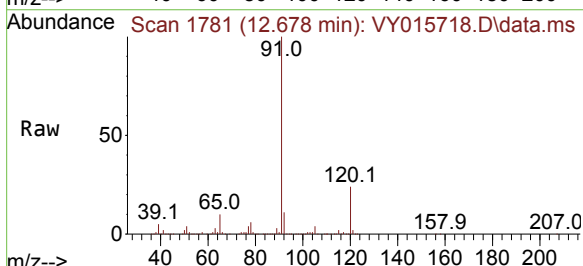
Acq: 26 Sep 2023 19:08

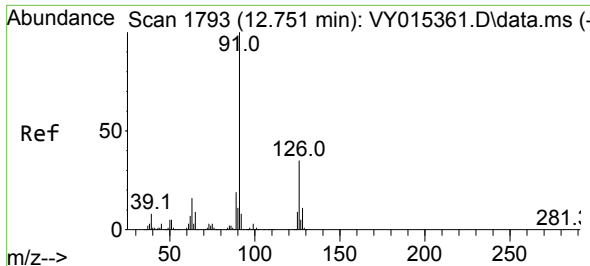
Tgt Ion: 91 Resp: 598423

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4

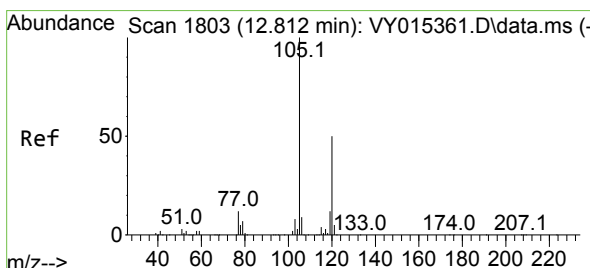
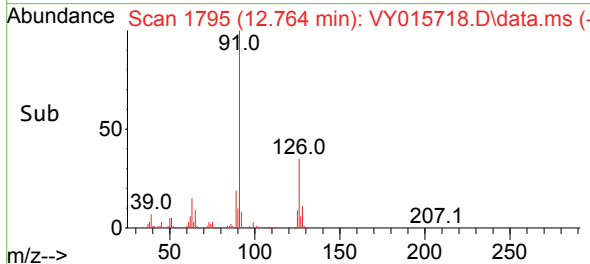
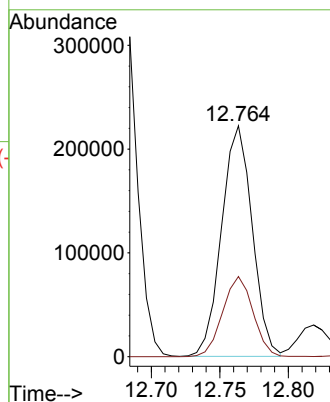
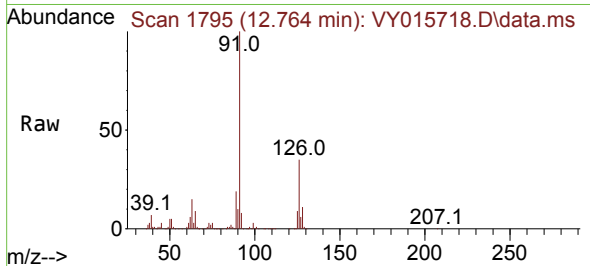




#79
2-Chlorotoluene
Concen: 57.860 ug/l
RT: 12.764 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY015718.D
Acq: 26 Sep 2023 19:08

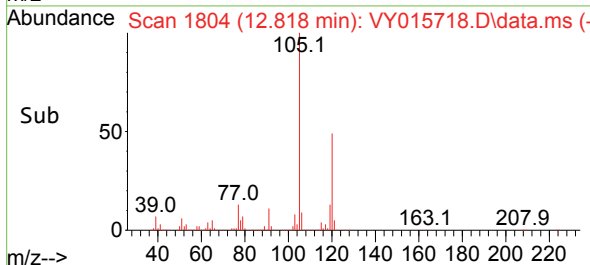
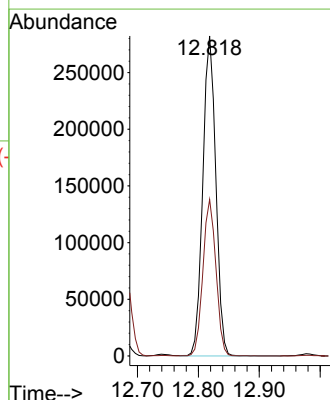
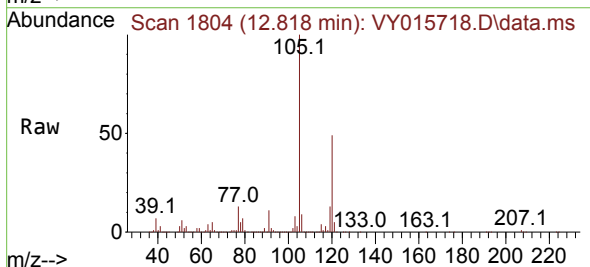
Instrument :
MSVOA_Y
ClientSampleId :

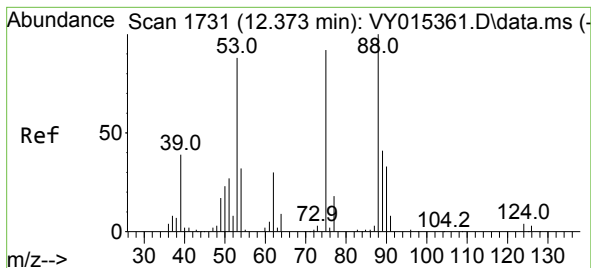
Tgt Ion: 91 Resp: 346176
Ion Ratio Lower Upper
91 100
126 34.5 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 57.998 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY015718.D
Acq: 26 Sep 2023 19:08

Tgt Ion: 105 Resp: 419492
Ion Ratio Lower Upper
105 100
120 48.9 23.9 71.7

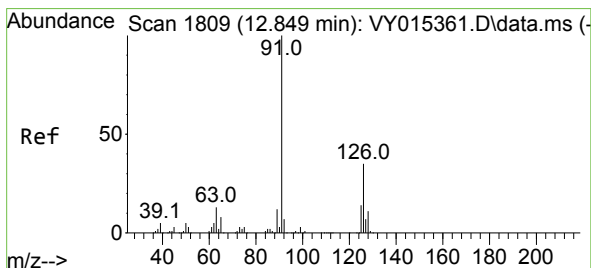
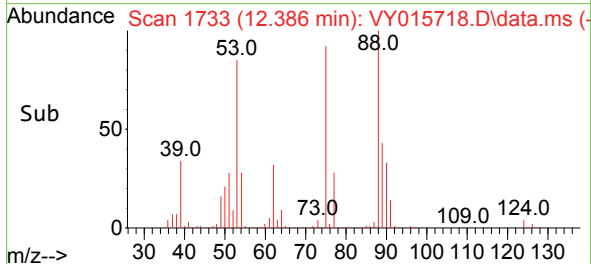
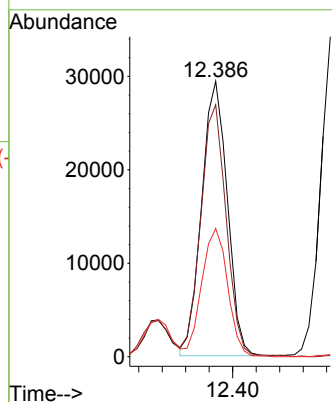
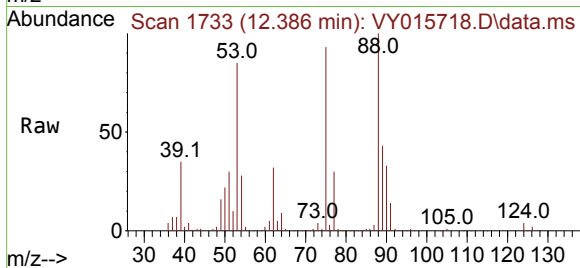




#81
trans-1,4-Dichloro-2-butene
Concen: 54.608 ug/l
RT: 12.386 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015718.D
Acq: 26 Sep 2023 19:08

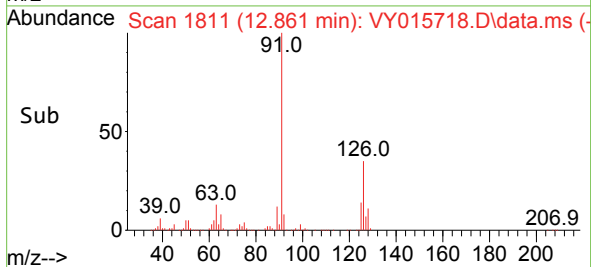
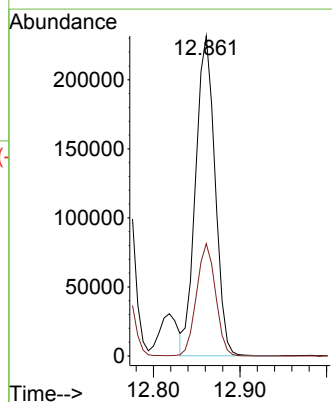
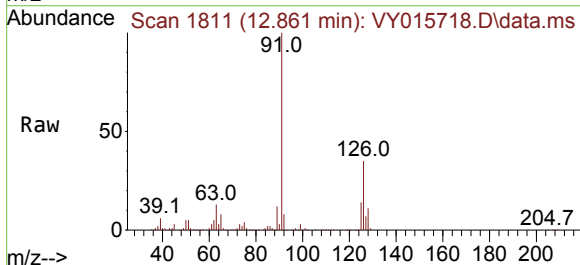
Instrument :
MSVOA_Y
ClientSampleId :

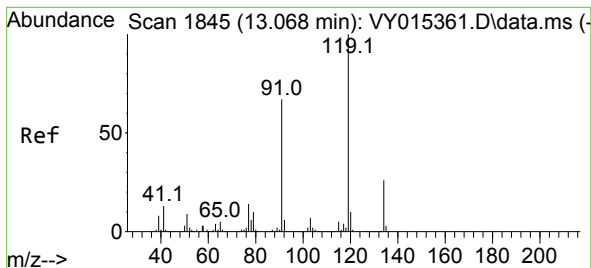
Tgt Ion: 75 Resp: 44555
Ion Ratio Lower Upper
75 100
53 91.6 77.8 116.8
89 47.4 37.4 56.0



#82
4-Chlorotoluene
Concen: 57.577 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.012 min
Lab File: VY015718.D
Acq: 26 Sep 2023 19:08

Tgt Ion: 91 Resp: 359613
Ion Ratio Lower Upper
91 100
126 34.5 17.2 51.6





#83

tert-Butylbenzene

Concen: 56.955 ug/l

RT: 13.081 min Scan# 119

Delta R.T. 0.006 min

Lab File: VY015718.D

Acq: 26 Sep 2023 19:08

Instrument :

MSVOA_Y

ClientSampleId :

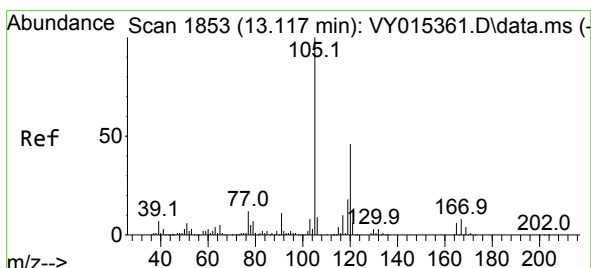
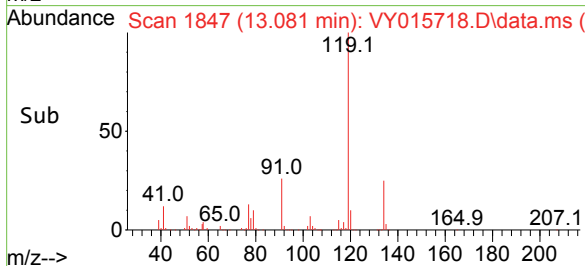
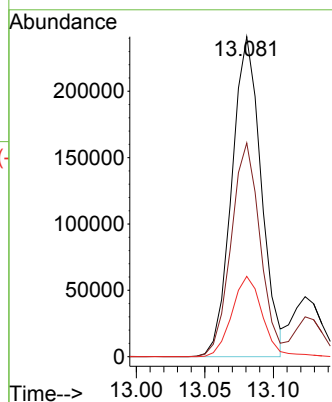
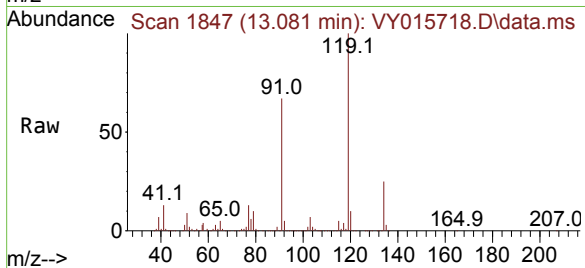
Tgt Ion:119 Resp: 360802

Ion Ratio Lower Upper

119 100

91 65.7 32.9 98.6

134 26.1 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 58.402 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY015718.D

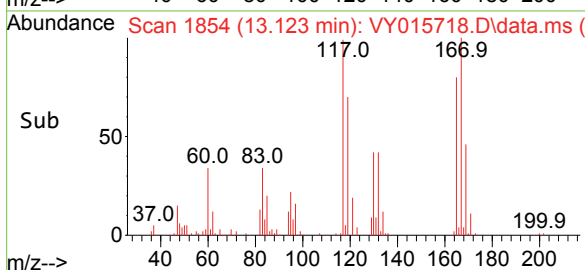
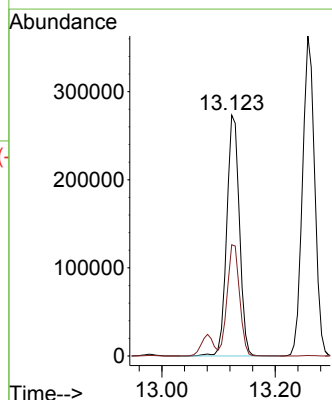
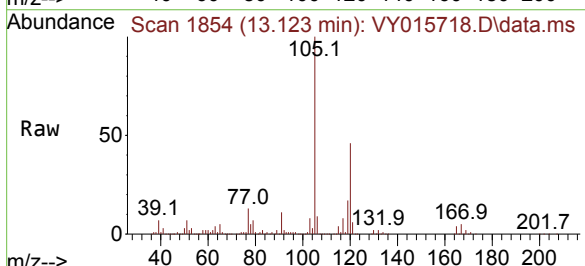
Acq: 26 Sep 2023 19:08

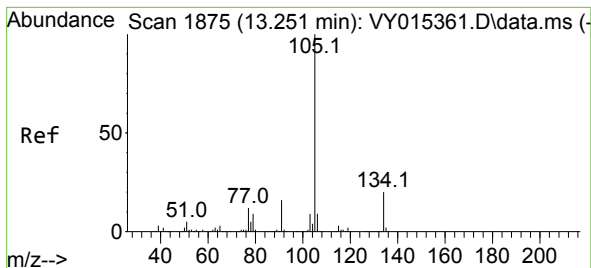
Tgt Ion:105 Resp: 422659

Ion Ratio Lower Upper

105 100

120 45.3 22.2 66.6





#85

sec-Butylbenzene

Concen: 56.992 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY015718.D

Acq: 26 Sep 2023 19:08

Instrument :

MSVOA_Y

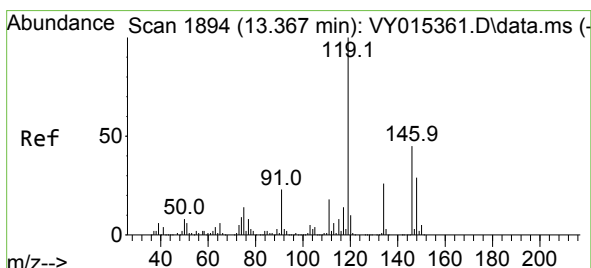
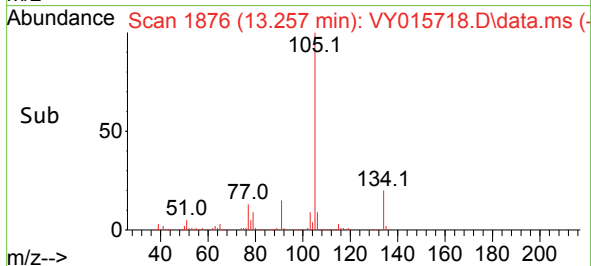
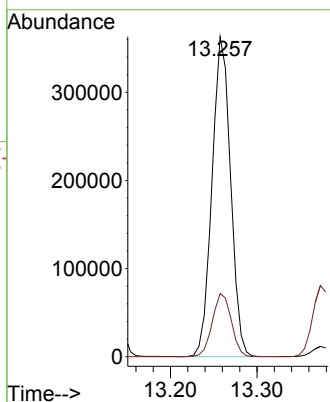
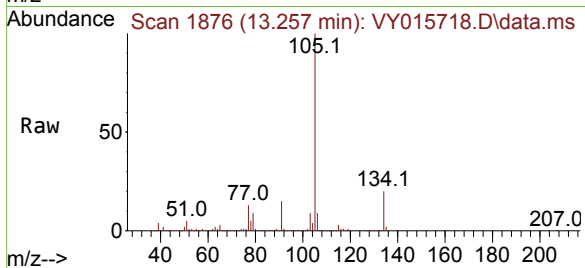
ClientSampleId :

Tgt Ion:105 Resp: 540298

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.6



#86

p-Isopropyltoluene

Concen: 56.781 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY015718.D

Acq: 26 Sep 2023 19:08

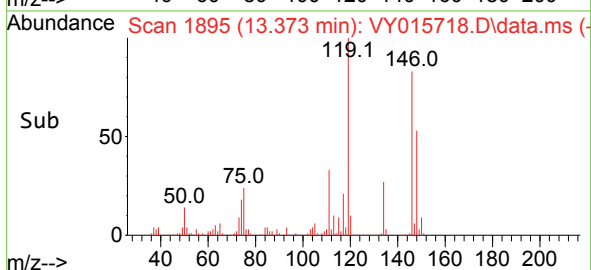
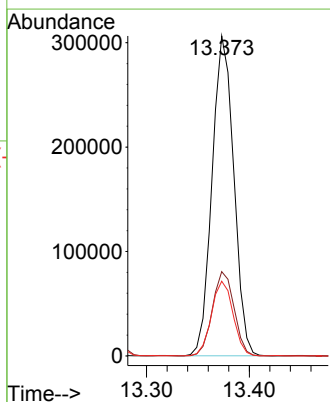
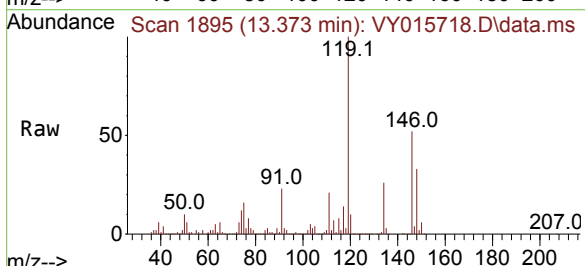
Tgt Ion:119 Resp: 449652

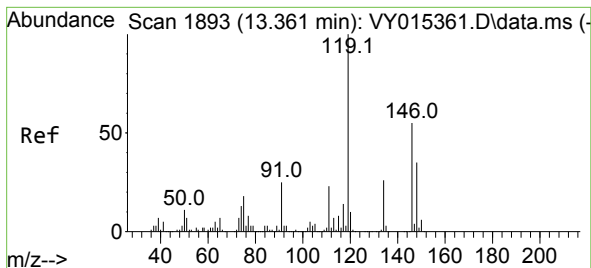
Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

91 23.2 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 58.211 ug/l

RT: 13.373 min Scan# 1893

Delta R.T. 0.012 min

Lab File: VY015718.D

Acq: 26 Sep 2023 19:08

Instrument :

MSVOA_Y

ClientSampleId :

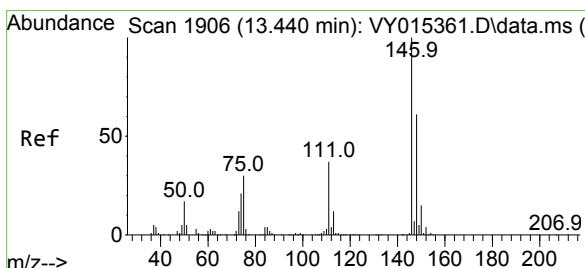
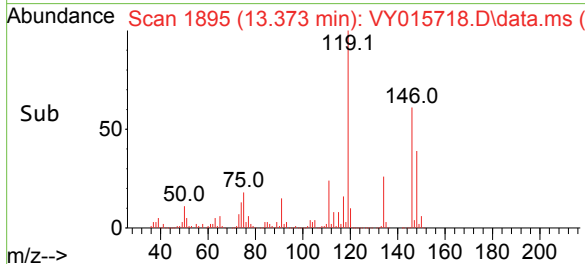
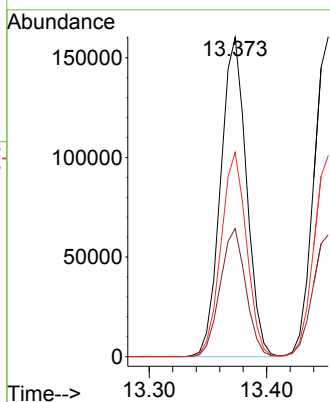
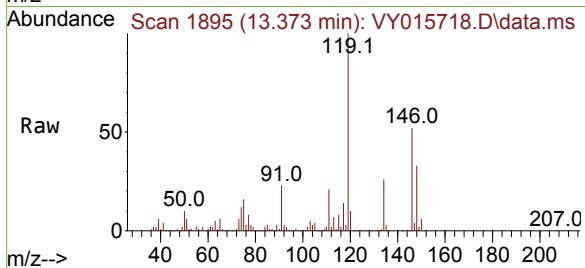
Tgt Ion:146 Resp: 244914

Ion Ratio Lower Upper

146 100

111 39.7 19.4 58.2

148 63.3 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 58.052 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY015718.D

Acq: 26 Sep 2023 19:08

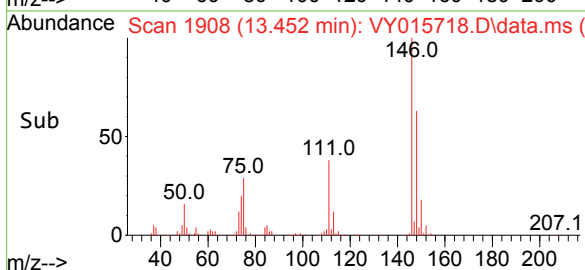
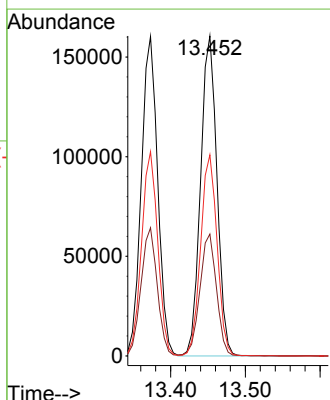
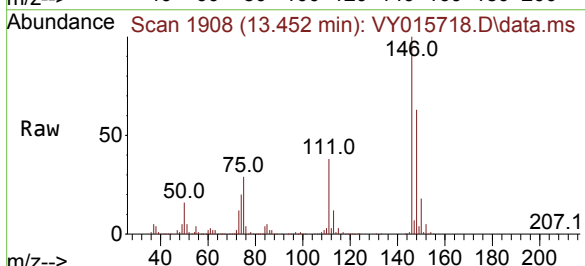
Tgt Ion:146 Resp: 244275

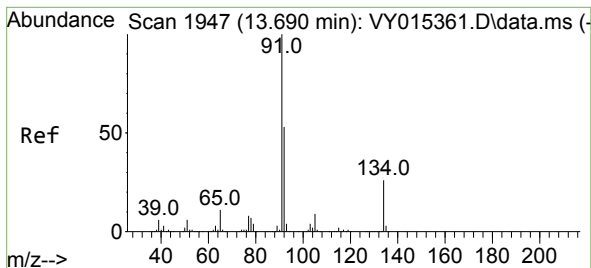
Ion Ratio Lower Upper

146 100

111 38.5 18.9 56.7

148 63.3 32.1 96.5





#89

n-Butylbenzene

Concen: 55.420 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY015718.D

Acq: 26 Sep 2023 19:08

Instrument :

MSVOA_Y

ClientSampleId :

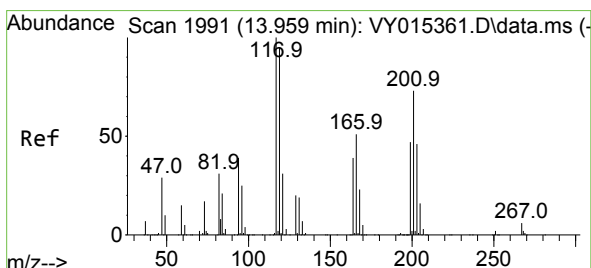
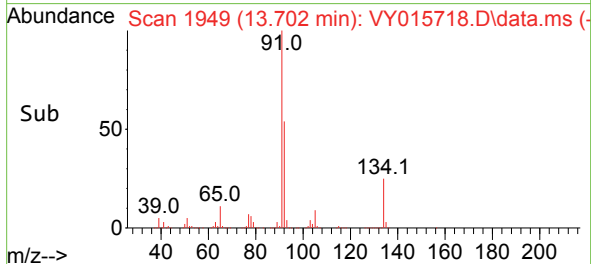
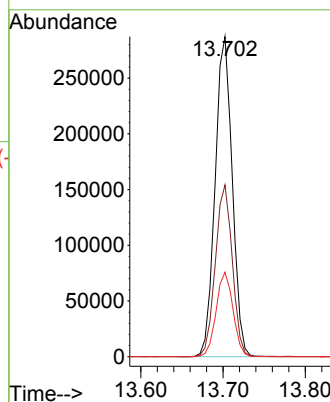
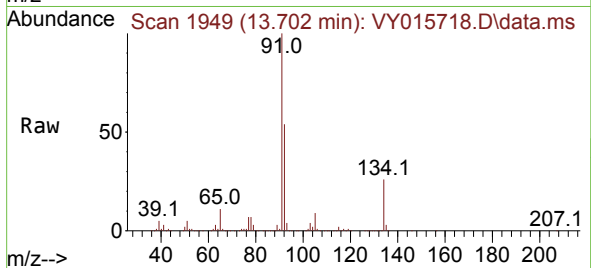
Tgt Ion: 91 Resp: 415580

Ion Ratio Lower Upper

91 100

92 53.2 25.4 76.0

134 26.0 12.6 37.6



#90

Hexachloroethane

Concen: 57.635 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY015718.D

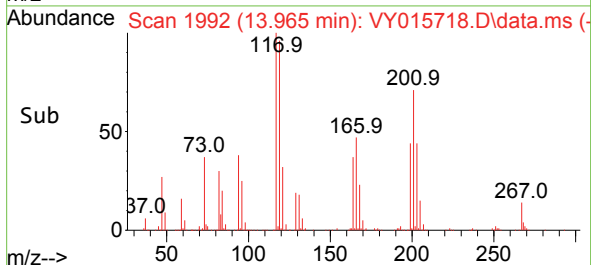
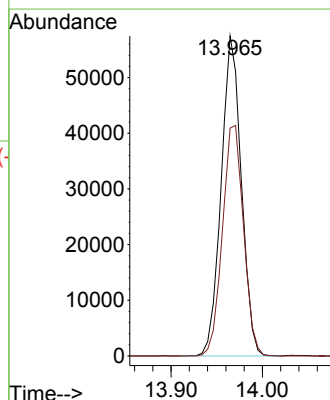
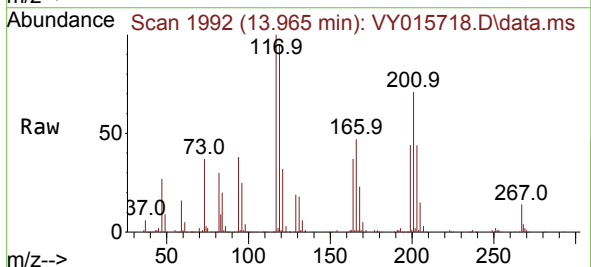
Acq: 26 Sep 2023 19:08

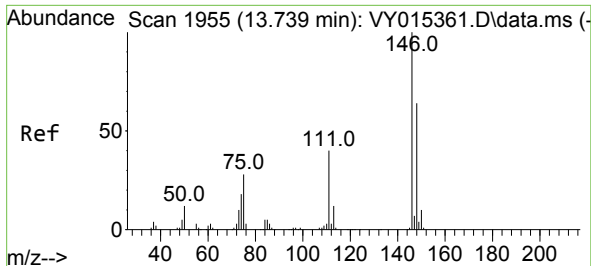
Tgt Ion: 117 Resp: 88087

Ion Ratio Lower Upper

117 100

201 75.4 41.6 124.8

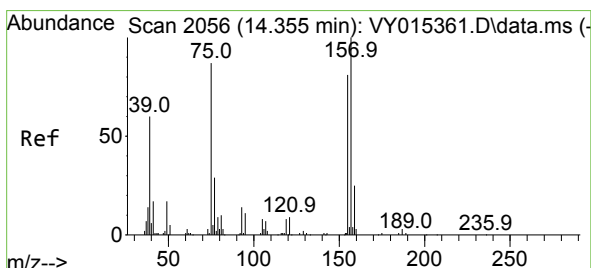
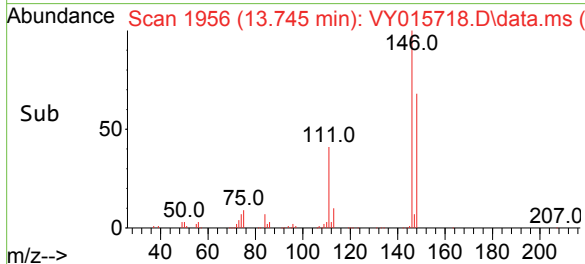
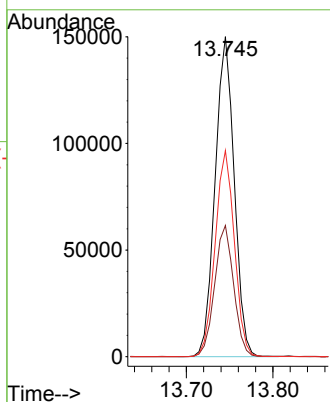
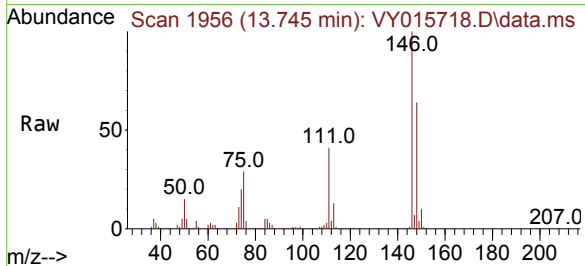




#91
1,2-Dichlorobenzene
Concen: 59.306 ug/l
RT: 13.745 min Scan# 1955
Delta R.T. 0.006 min
Lab File: VY015718.D
Acq: 26 Sep 2023 19:08

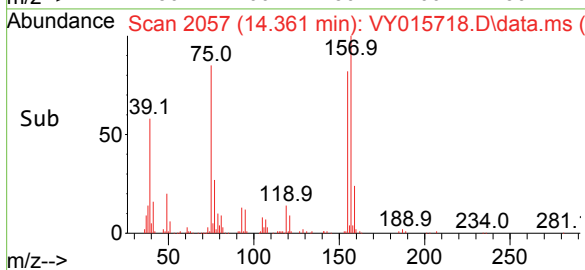
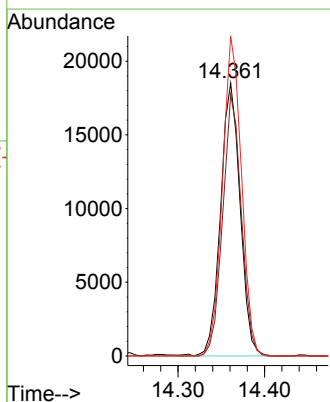
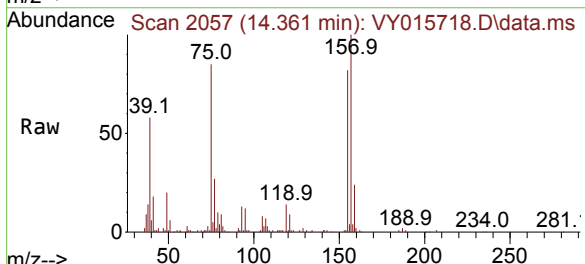
Instrument :
MSVOA_Y
ClientSampleId :

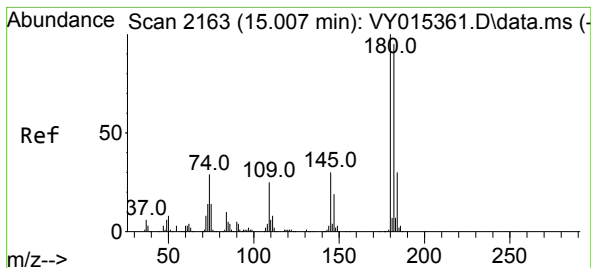
Tgt Ion:146 Resp: 230336
Ion Ratio Lower Upper
146 100
111 40.6 19.7 59.0
148 64.8 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 60.648 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY015718.D
Acq: 26 Sep 2023 19:08

Tgt Ion: 75 Resp: 28963
Ion Ratio Lower Upper
75 100
155 91.5 41.5 124.6
157 114.3 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 58.057 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.012 min

Lab File: VY015718.D

Acq: 26 Sep 2023 19:08

Instrument :

MSVOA_Y

ClientSampleId :

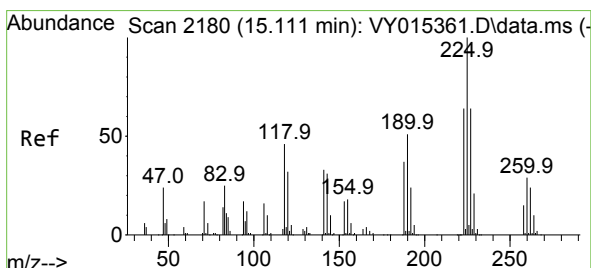
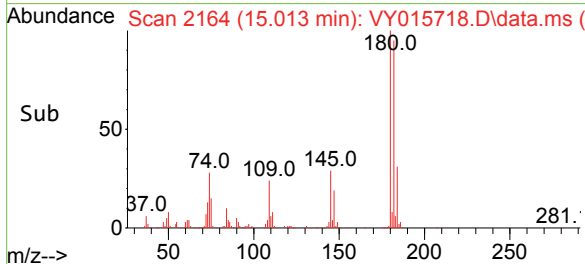
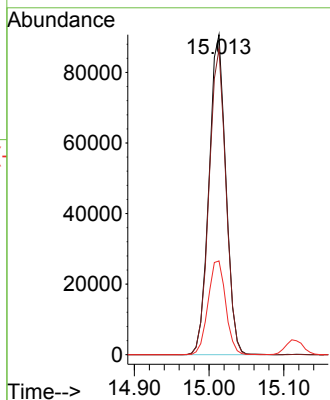
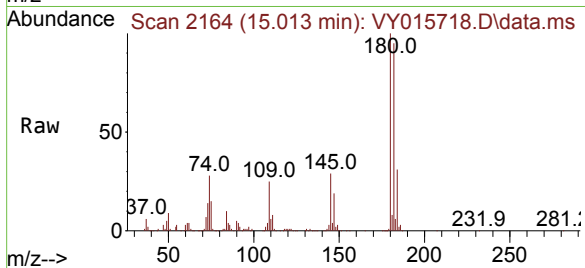
Tgt Ion:180 Resp: 141954

Ion Ratio Lower Upper

180 100

182 95.9 47.0 141.2

145 30.7 14.5 43.5



#94

Hexachlorobutadiene

Concen: 53.451 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY015718.D

Acq: 26 Sep 2023 19:08

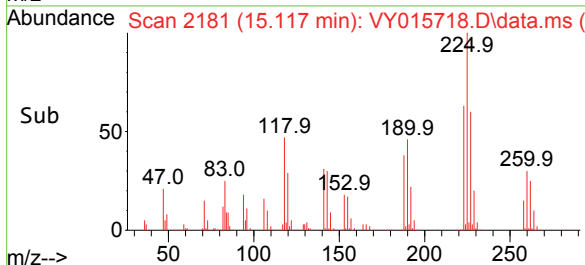
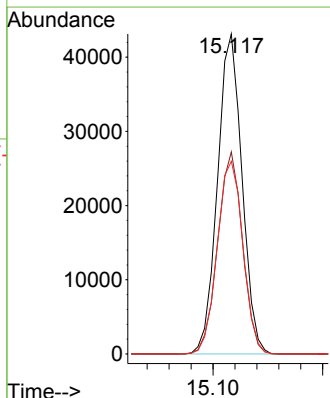
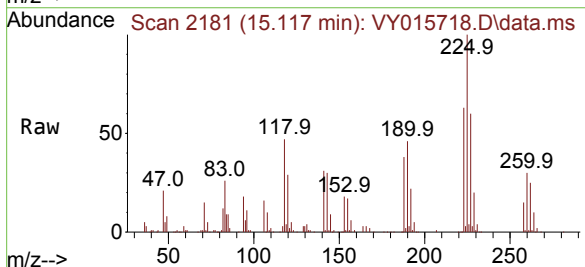
Tgt Ion:225 Resp: 66928

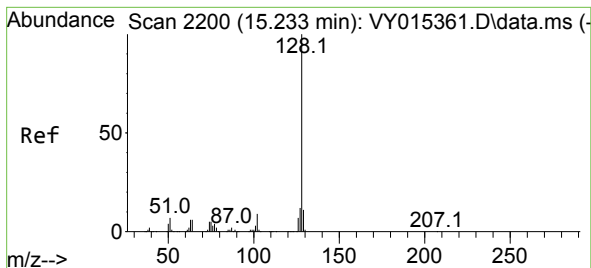
Ion Ratio Lower Upper

225 100

223 63.8 31.9 95.9

227 63.4 33.0 98.9





#95

Naphthalene

Concen: 63.440 ug/l

RT: 15.239 min Scan# 2200

Delta R.T. 0.006 min

Lab File: VY015718.D

Acq: 26 Sep 2023 19:08

Instrument :

MSVOA_Y

ClientSampleId :

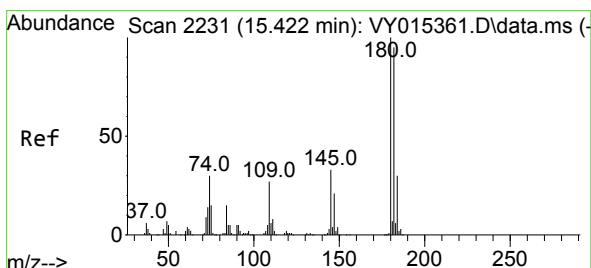
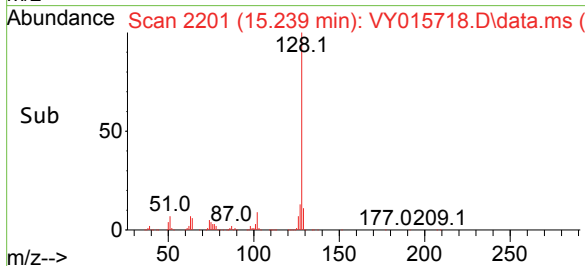
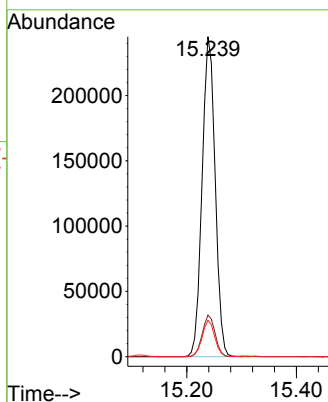
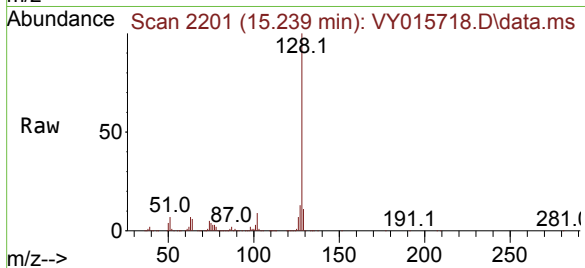
Tgt Ion:128 Resp: 404468

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 59.466 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY015718.D

Acq: 26 Sep 2023 19:08

Tgt Ion:180 Resp: 134200

Ion Ratio Lower Upper

180 100

182 95.3 47.3 141.8

145 32.3 15.4 46.2

