

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092023\
 Data File : VY015649.D
 Acq On : 20 Sep 2023 10:57
 Operator : SY/MD
 Sample : VY0920SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 21 03:37:17 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	7.789	168	140808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	245306	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	229374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	117239	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	72164	46.579	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.160%
35) Dibromofluoromethane	7.716	113	68422	46.601	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.200%
50) Toluene-d8	10.179	98	215531	43.294	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.580%
62) 4-Bromofluorobenzene	12.483	95	88146	45.119	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.240%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	15184	16.359	ug/l	92
3) Chloromethane	2.113	50	21614	18.459	ug/l	99
4) Vinyl Chloride	2.247	62	23093	17.249	ug/l	98
5) Bromomethane	2.644	94	18992	16.709	ug/l	97
6) Chloroethane	2.784	64	18768	18.913	ug/l	97
7) Trichlorofluoromethane	3.119	101	40060	17.842	ug/l	100
8) Diethyl Ether	3.534	74	18542	19.365	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.887	101	24426	17.375	ug/l	93
10) Methyl Iodide	4.082	142	23841	16.363	ug/l	97
11) Tert butyl alcohol	4.979	59	35349	75.218	ug/l #	88
12) 1,1-Dichloroethene	3.869	96	21860	17.646	ug/l	85
13) Acrolein	3.735	56	21261	89.607	ug/l	98
14) Allyl chloride	4.473	41	41353	18.258	ug/l	93
15) Acrylonitrile	5.168	53	65631	93.439	ug/l	98
16) Acetone	3.960	43	82656	99.693	ug/l #	87
17) Carbon Disulfide	4.192	76	39307	16.333	ug/l	97
18) Methyl Acetate	4.485	43	49675	17.857	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	97958	19.415	ug/l	98
20) Methylene Chloride	4.710	84	44467	21.756	ug/l	92
21) trans-1,2-Dichloroethene	5.216	96	26547	18.749	ug/l	88
22) Diisopropyl ether	6.119	45	106746	19.584	ug/l	94
23) Vinyl Acetate	6.058	43	324366	96.411	ug/l	97
24) 1,1-Dichloroethane	6.015	63	56064	18.870	ug/l	96
25) 2-Butanone	6.990	43	112362	95.879	ug/l	98
26) 2,2-Dichloropropane	6.978	77	48022	17.684	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	35424	18.845	ug/l	97
28) Bromochloromethane	7.332	49	16147	20.032	ug/l	98
29) Tetrahydrofuran	7.350	42	59999	90.581	ug/l	94
30) Chloroform	7.509	83	61608	19.363	ug/l	95
31) Cyclohexane	7.783	56	36329	16.927	ug/l #	90
32) 1,1,1-Trichloroethane	7.704	97	48497	18.464	ug/l	99
36) 1,1-Dichloropropene	7.917	75	37162	17.118	ug/l	98
37) Ethyl Acetate	7.076	43	40273	18.598	ug/l	98
38) Carbon Tetrachloride	7.899	117	40712	17.277	ug/l	95
39) Methylcyclohexane	9.185	83	38213	15.915	ug/l	94
40) Benzene	8.161	78	121240	18.313	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	18467	15.839	ug/l	95
42) 1,2-Dichloroethane	8.234	62	43031	18.979	ug/l	95
43) Isopropyl Acetate	8.271	43	68699	18.573	ug/l	98
44) Trichloroethene	8.935	130	33936	18.353	ug/l	97
45) 1,2-Dichloropropane	9.216	63	35436	19.194	ug/l	98
46) Dibromomethane	9.301	93	21632	18.317	ug/l	96
47) Bromodichloromethane	9.496	83	49761	18.904	ug/l	97
48) Methyl methacrylate	9.295	41	30011	18.485	ug/l	92
49) 1,4-Dioxane	9.313	88	8260	354.037	ug/l #	46
51) 4-Methyl-2-Pentanone	10.069	43	211886	92.420	ug/l	94
52) Toluene	10.246	92	76909	18.020	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	52119	18.463	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	55838	18.377	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	32580	18.825	ug/l	99
56) Ethyl methacrylate	10.508	69	46609	18.275	ug/l	91
57) 1,3-Dichloropropane	10.788	76	54781	18.875	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	86118	106.300	ug/l	96
59) 2-Hexanone	10.831	43	166138	94.454	ug/l	93
60) Dibromochloromethane	10.984	129	38653	19.133	ug/l	98
61) 1,2-Dibromoethane	11.087	107	31423	18.559	ug/l	99
64) Tetrachloroethene	10.721	164	35110	17.841	ug/l	98
65) Chlorobenzene	11.514	112	90326	18.041	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	36537	18.787	ug/l	98
67) Ethyl Benzene	11.593	91	154454	17.649	ug/l	98
68) m/p-Xylenes	11.703	106	120360	36.185	ug/l	94
69) o-Xylene	12.032	106	60123	18.433	ug/l	95
70) Styrene	12.044	104	102452	18.351	ug/l	96
71) Bromoform	12.209	173	26082	18.507	ug/l #	99
73) Isopropylbenzene	12.331	105	154828	17.604	ug/l	99
74) N-amyl acetate	12.142	43	59040	17.861	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	44334	18.112	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	56943	30.445	ug/l #	100
77) Bromobenzene	12.611	156	38936	18.035	ug/l	95
78) n-propylbenzene	12.672	91	185736	17.383	ug/l	99
79) 2-Chlorotoluene	12.758	91	108314	17.784	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	131196	17.819	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	13997	16.852	ug/l	99
82) 4-Chlorotoluene	12.855	91	113692	17.882	ug/l	99
83) tert-Butylbenzene	13.075	119	112770	17.487	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	132411	17.973	ug/l	99
85) sec-Butylbenzene	13.251	105	167505	17.357	ug/l	98
86) p-Isopropyltoluene	13.367	119	139689	17.328	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	77450	18.083	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	78259	18.270	ug/l	97
89) n-Butylbenzene	13.696	91	133747	17.521	ug/l	98
90) Hexachloroethane	13.959	117	26983	17.343	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	72861	18.429	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8280	17.032	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	45018	18.087	ug/l	99
94) Hexachlorobutadiene	15.111	225	22219	17.432	ug/l	99
95) Naphthalene	15.233	128	113175	17.438	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	41273	17.966	ug/l	98

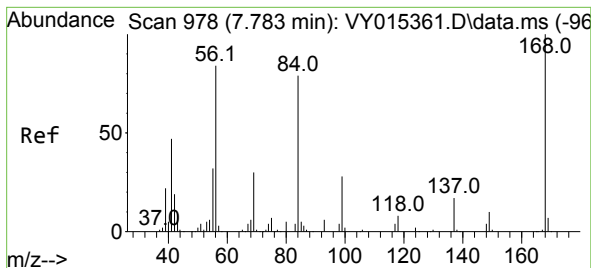
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY015649.D

Acq: 20 Sep 2023 10:57

Instrument :

MSVOA_Y

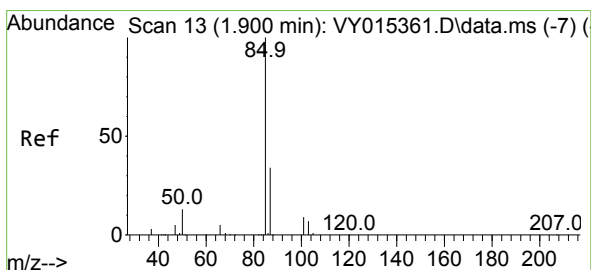
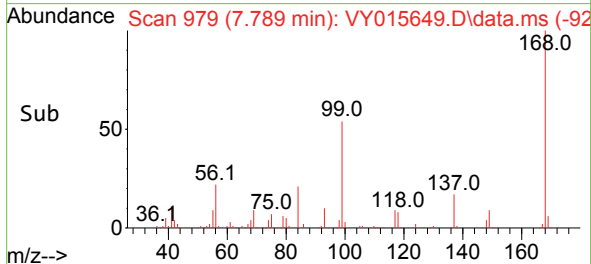
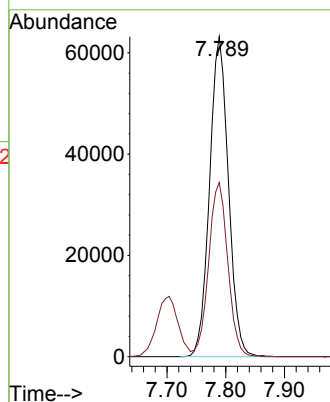
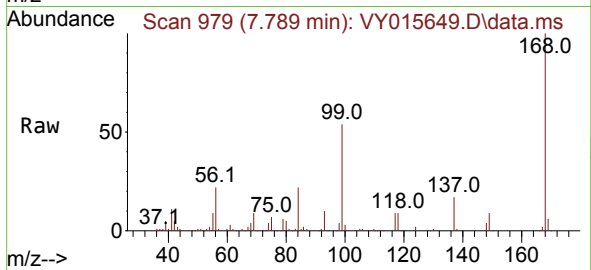
ClientSampleId :

Tgt Ion:168 Resp: 140808

Ion Ratio Lower Upper

168 100

99 54.5 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 16.359 ug/l

RT: 1.906 min Scan# 14

Delta R.T. 0.006 min

Lab File: VY015649.D

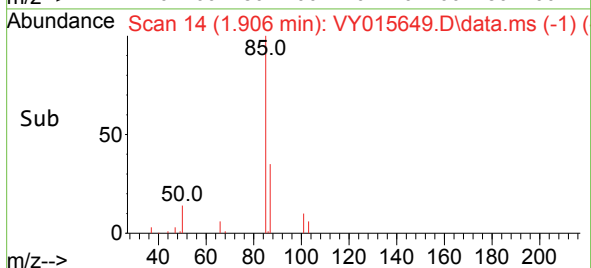
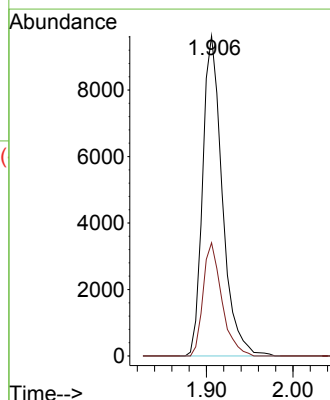
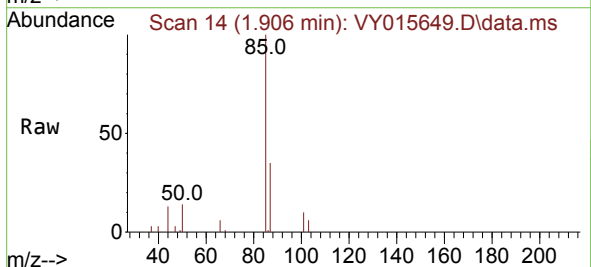
Acq: 20 Sep 2023 10:57

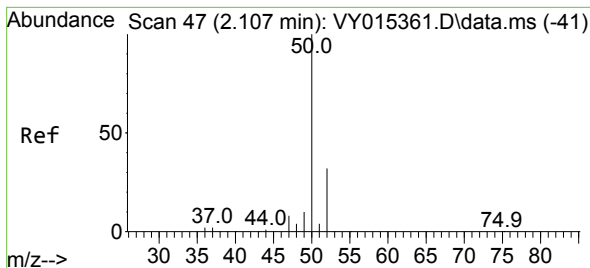
Tgt Ion: 85 Resp: 15184

Ion Ratio Lower Upper

85 100

87 35.4 15.6 46.8





#3

Chloromethane

Concen: 18.459 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY015649.D

Acq: 20 Sep 2023 10:57

Instrument :

MSVOA_Y

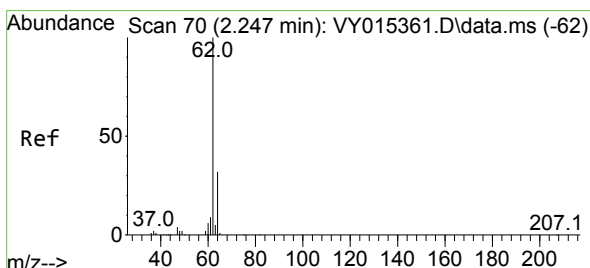
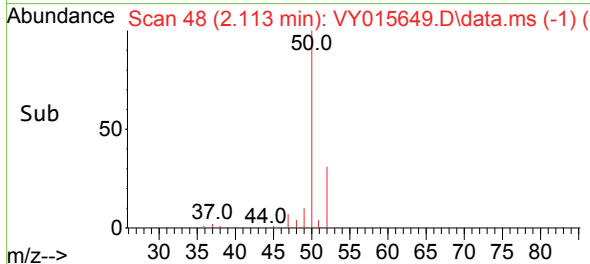
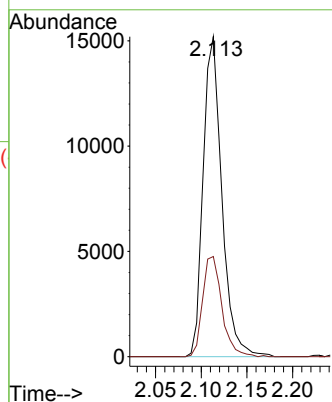
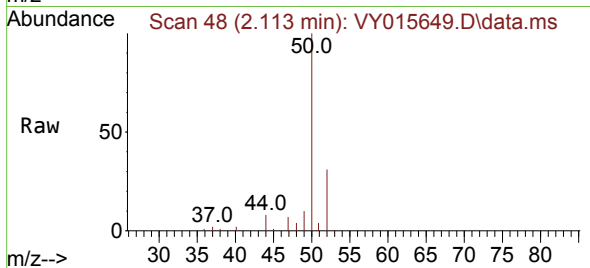
ClientSampleId :

Tgt Ion: 50 Resp: 21614

Ion Ratio Lower Upper

50 100

52 31.3 25.4 38.2



#4

Vinyl Chloride

Concen: 17.249 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.006 min

Lab File: VY015649.D

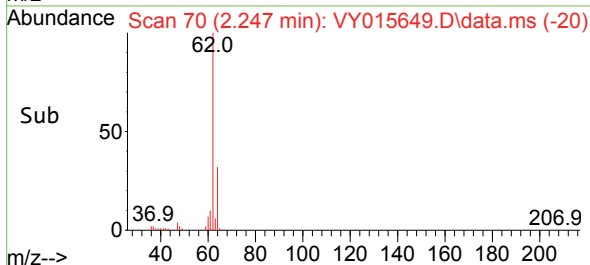
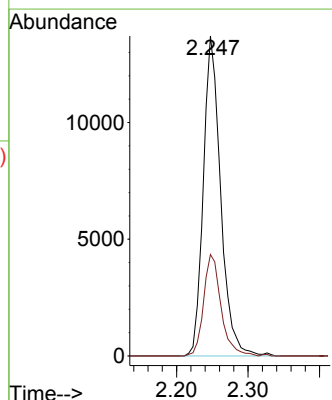
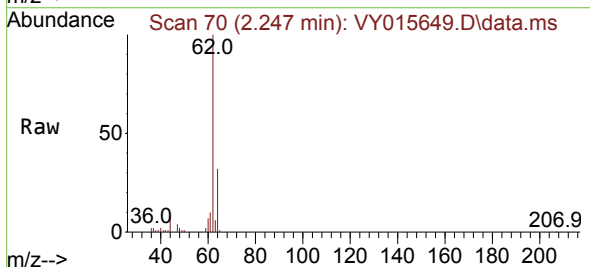
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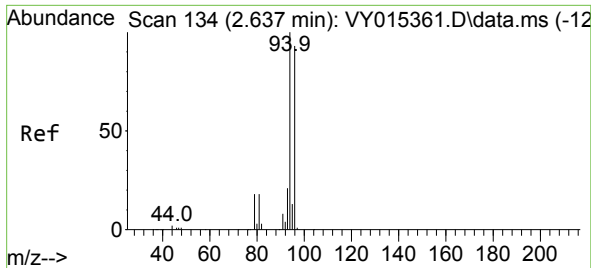
Tgt Ion: 62 Resp: 23093

Ion Ratio Lower Upper

62 100

64 31.7 24.3 36.5





#5

Bromomethane

Concen: 16.709 ug/l

RT: 2.644 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY015649.D

Acq: 20 Sep 2023 10:57

Instrument :

MSVOA_Y

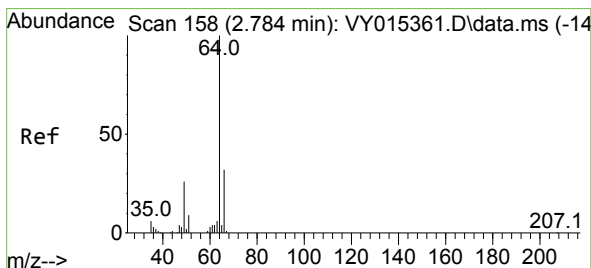
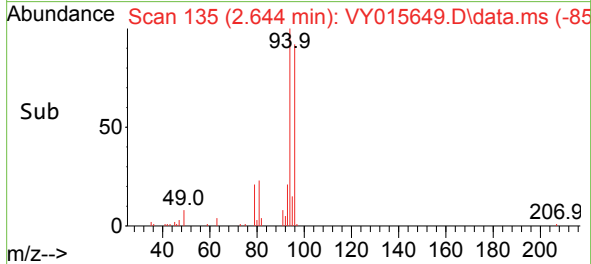
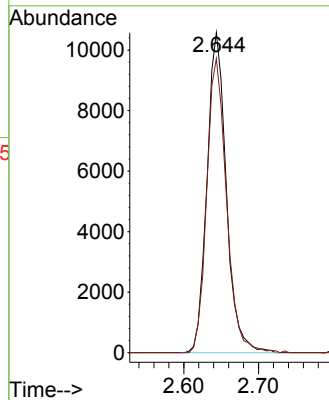
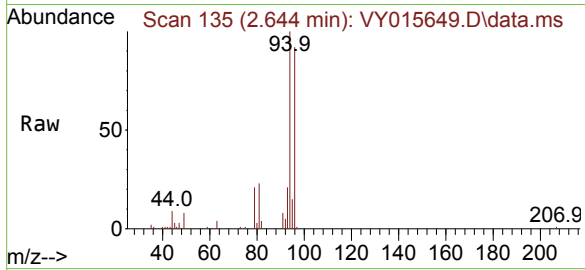
ClientSampleId :

Tgt Ion: 94 Resp: 18992

Ion Ratio Lower Upper

94 100

96 91.9 75.8 113.6



#6

Chloroethane

Concen: 18.913 ug/l

RT: 2.784 min Scan# 158

Delta R.T. -0.000 min

Lab File: VY015649.D

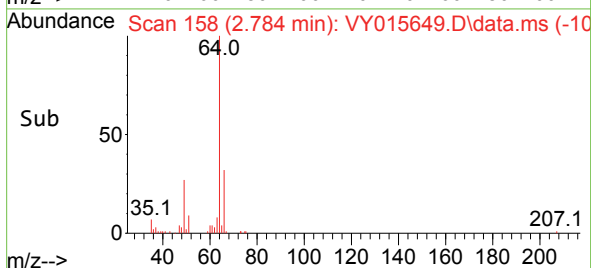
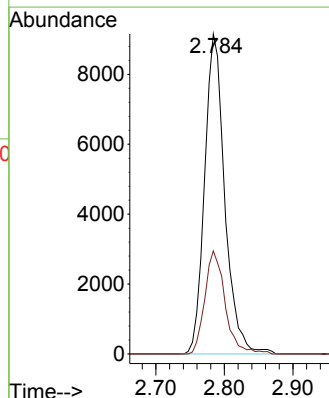
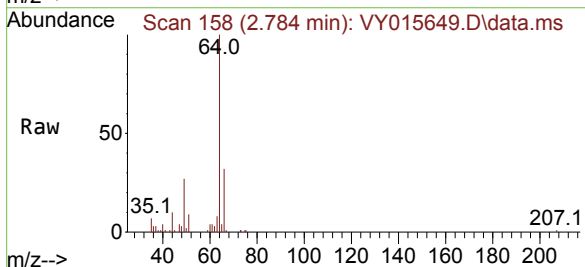
Acq: 20 Sep 2023 10:57

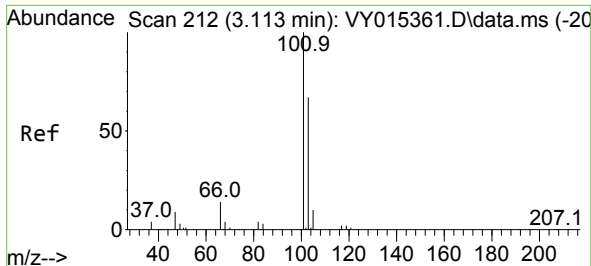
Tgt Ion: 64 Resp: 18768

Ion Ratio Lower Upper

64 100

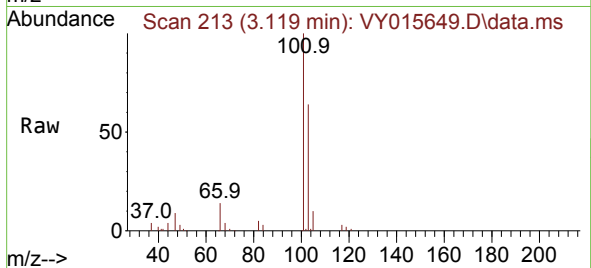
66 32.2 24.4 36.6



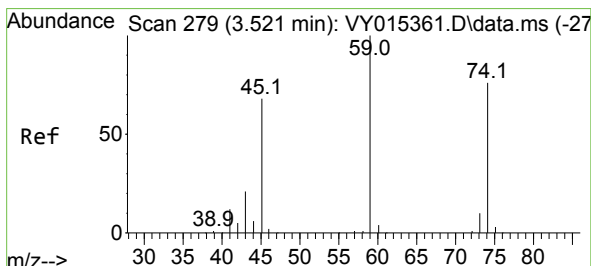
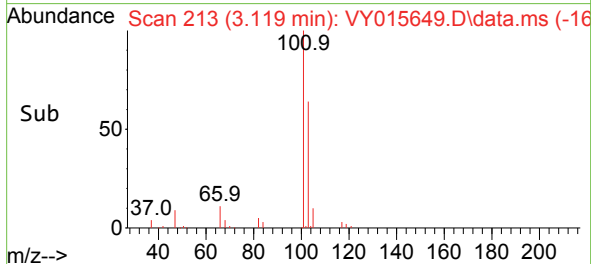
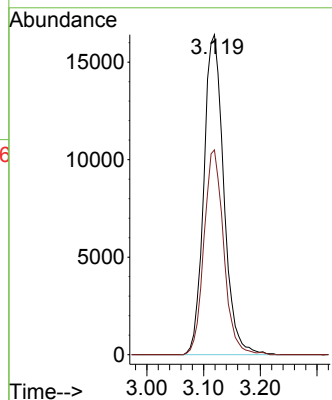


#7
 Trichlorofluoromethane
 Concen: 17.842 ug/l
 RT: 3.119 min Scan# 212
 Delta R.T. 0.006 min
 Lab File: VY015649.D
 Acq: 20 Sep 2023 10:57

Instrument :
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 ClientSampleId :

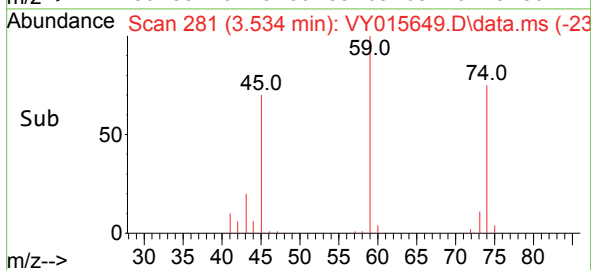
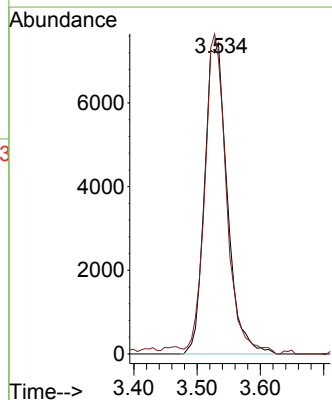
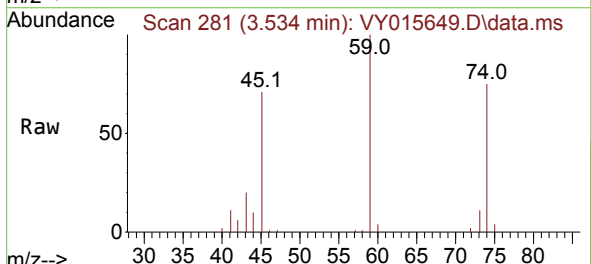


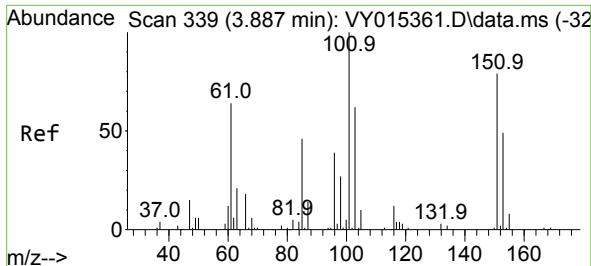
Tgt Ion:101 Resp: 40060
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.4 77.0



#8
 Diethyl Ether
 Concen: 19.365 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.013 min
 Lab File: VY015649.D
 Acq: 20 Sep 2023 10:57

Tgt Ion: 74 Resp: 18542
 Ion Ratio Lower Upper
 74 100
 45 99.0 51.5 154.5

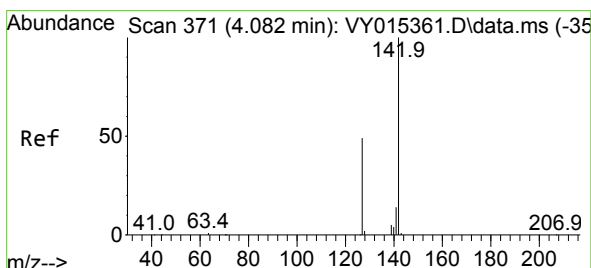
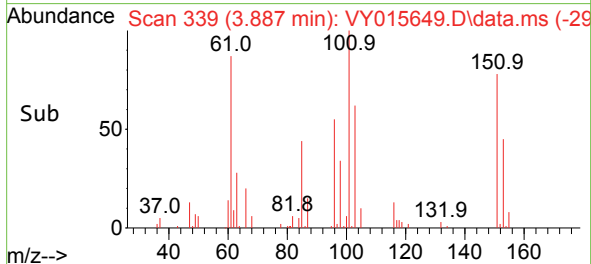
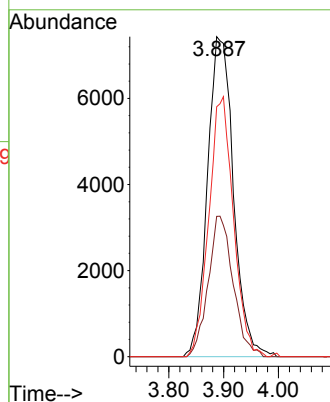
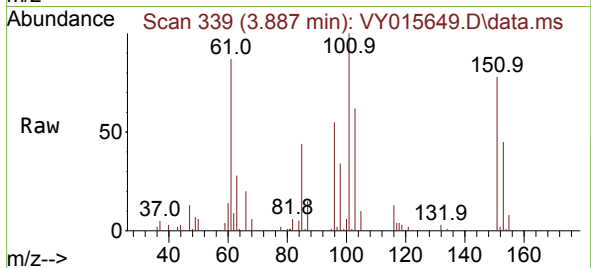




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.375 ug/l
RT: 3.887 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY015649.D
Acq: 20 Sep 2023 10:57

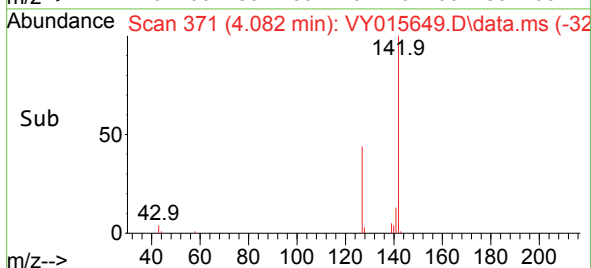
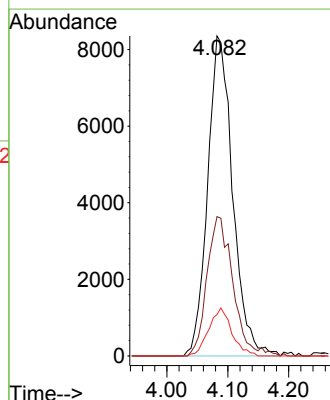
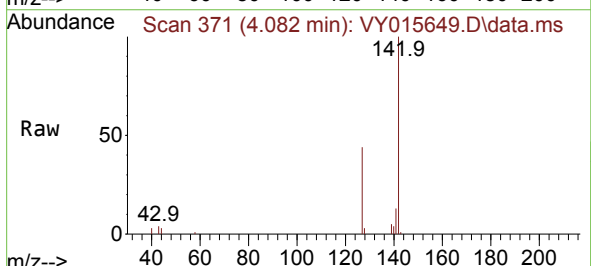
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ClientSampleId :

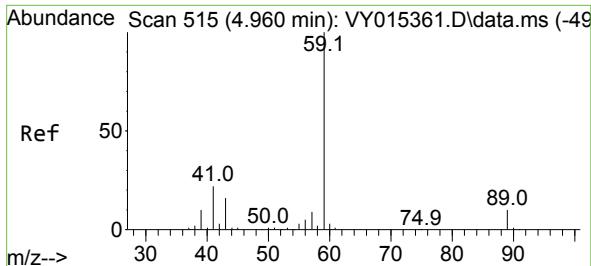
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Ion Ratio Lower Upper
101 100
85 42.2 36.6 55.0
151 77.2 67.0 100.6



#10
Methyl Iodide
Concen: 16.363 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY015649.D
Acq: 20 Sep 2023 10:57

Tgt Ion:142 Resp: 23841
Ion Ratio Lower Upper
142 100
127 45.1 37.6 56.4
141 13.8 11.8 17.8

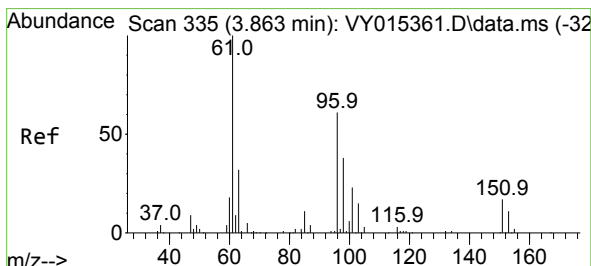
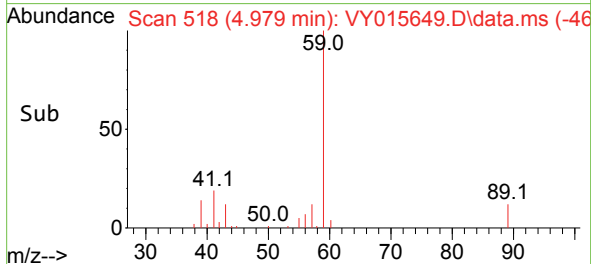
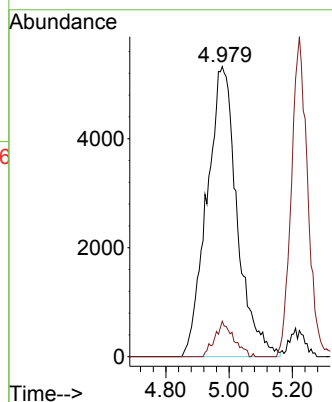
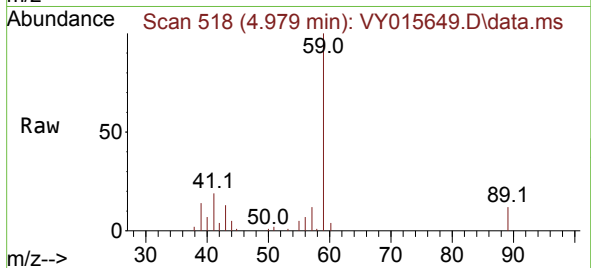




#11
Tert butyl alcohol
Concen: 75.218 ug/l
RT: 4.979 min Scan# 515
Delta R.T. 0.025 min
Lab File: VY015649.D
Acq: 20 Sep 2023 10:57

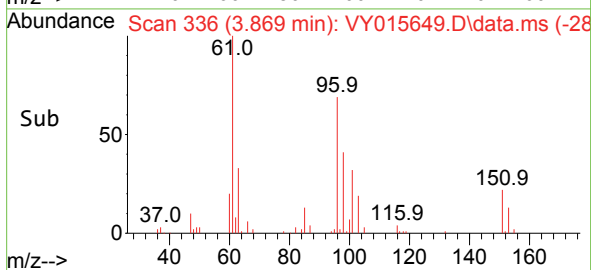
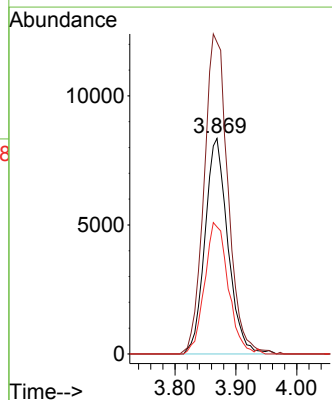
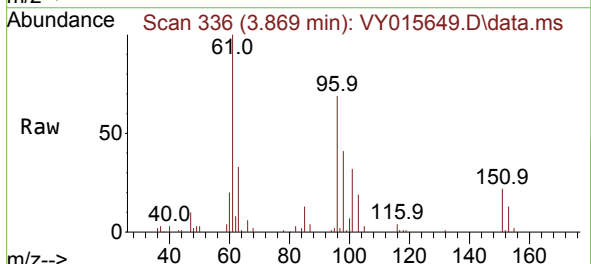
Instrument :
MSVOA_Y
ClientSampleId :

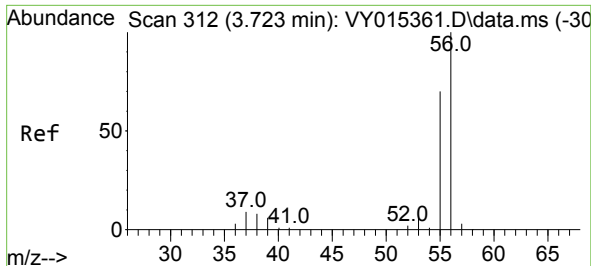
Tgt Ion: 59 Resp: 35349
Ion Ratio Lower Upper
59 100
57 7.5 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 17.646 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY015649.D
Acq: 20 Sep 2023 10:57

Tgt Ion: 96 Resp: 21860
Ion Ratio Lower Upper
96 100
61 144.6 136.4 204.6
98 58.9 49.4 74.2





#13

Acrolein

Concen: 89.607 ug/l

RT: 3.735 min Scan# 312

Delta R.T. 0.012 min

Lab File: VY015649.D

Acq: 20 Sep 2023 10:57

Instrument :

MSVOA_Y

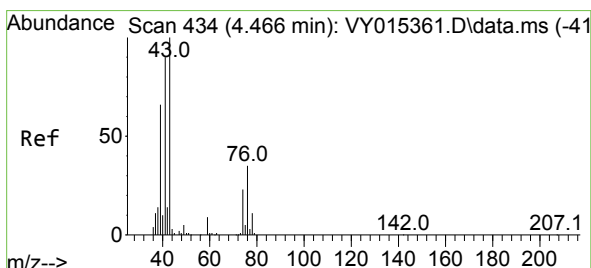
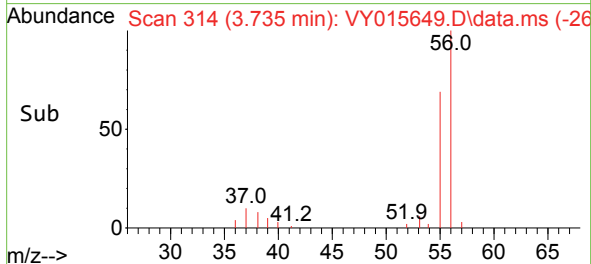
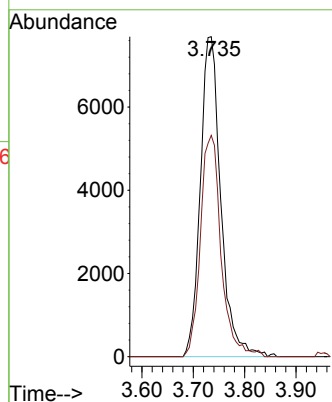
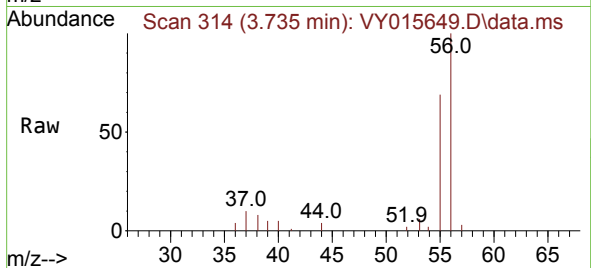
ClientSampleId :

Tgt Ion: 56 Resp: 21261

Ion Ratio Lower Upper

56 100

55 69.7 57.0 85.4



#14

Allyl chloride

Concen: 18.258 ug/l

RT: 4.473 min Scan# 435

Delta R.T. 0.000 min

Lab File: VY015649.D

Acq: 20 Sep 2023 10:57

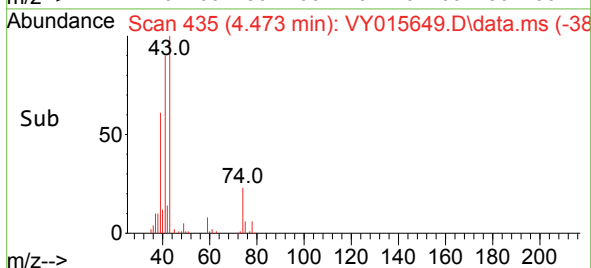
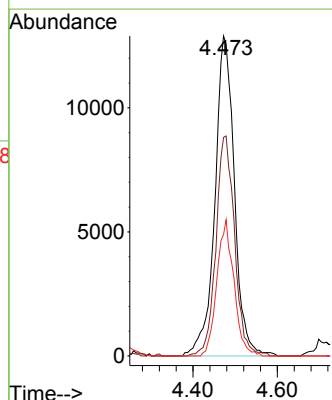
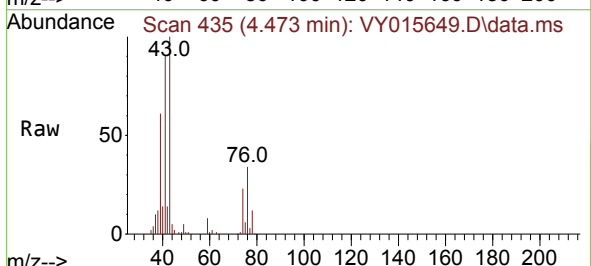
Tgt Ion: 41 Resp: 41353

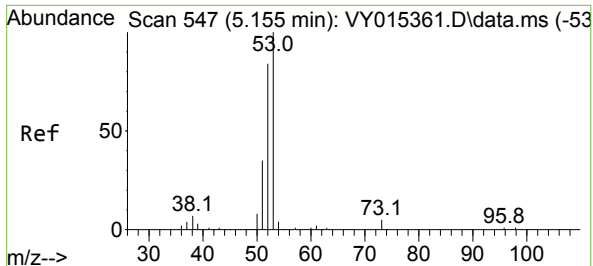
Ion Ratio Lower Upper

41 100

39 65.8 58.0 87.0

76 37.1 27.4 41.2





#15

Acrylonitrile

Concen: 93.439 ug/l

RT: 5.168 min Scan# 54

Delta R.T. 0.007 min

Lab File: VY015649.D

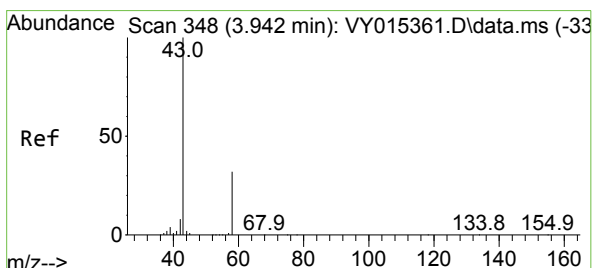
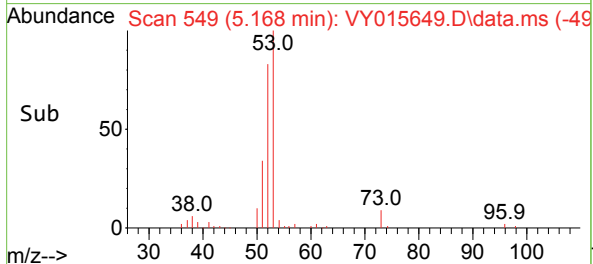
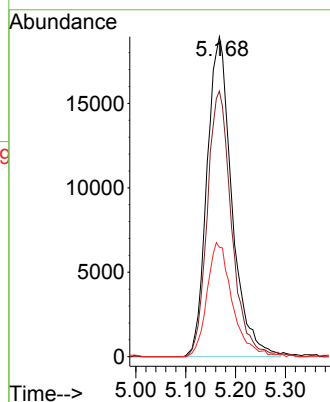
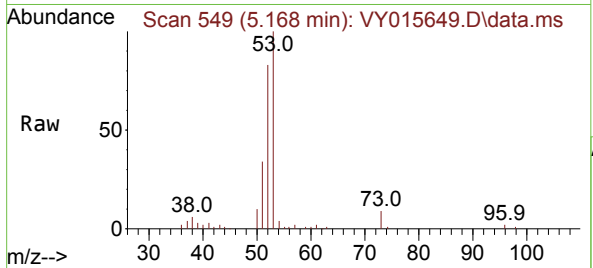
Acq: 20 Sep 2023 10:57

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 53	Resp: 65631
Ion Ratio	Lower Upper
53	100
52	81.4 66.9 100.3
51	36.3 29.8 44.6



#16

Acetone

Concen: 99.693 ug/l

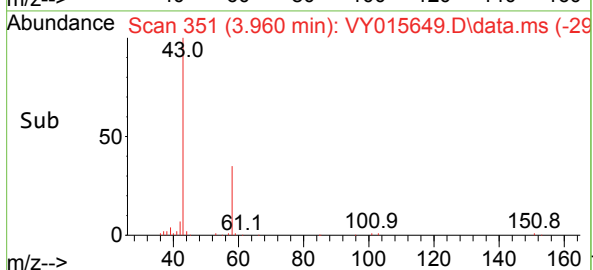
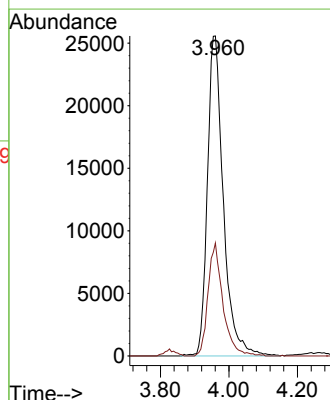
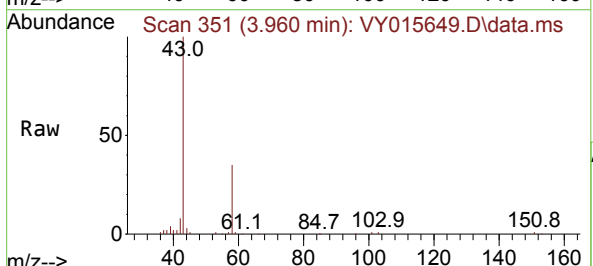
RT: 3.960 min Scan# 351

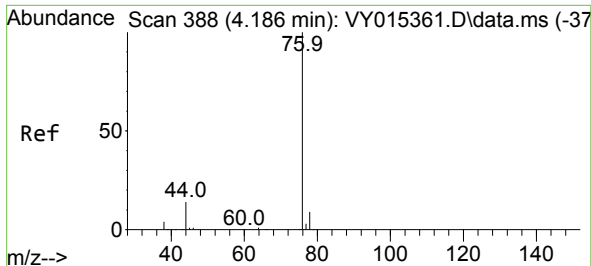
Delta R.T. 0.018 min

Lab File: VY015649.D

Acq: 20 Sep 2023 10:57

Tgt Ion: 43	Resp: 82656
Ion Ratio	Lower Upper
43	100
58	35.3 22.7 34.1#

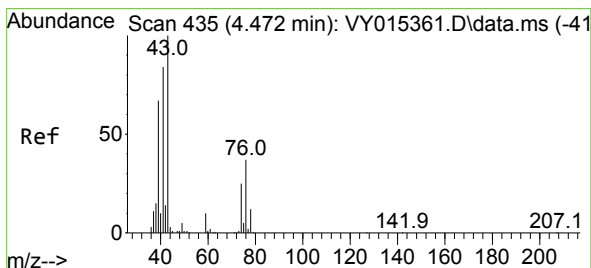
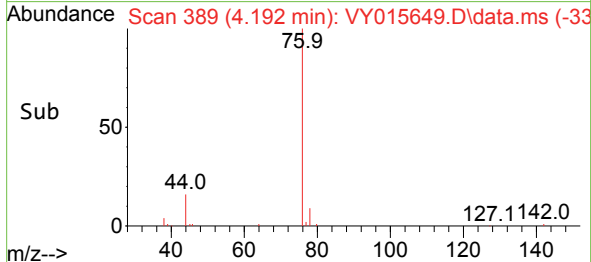
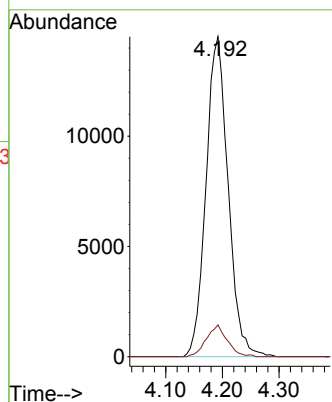
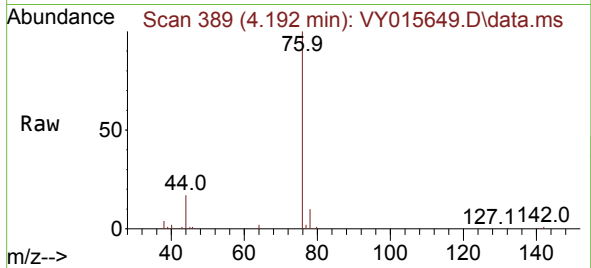




#17
Carbon Disulfide
Concen: 16.333 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY015649.D
Acq: 20 Sep 2023 10:57

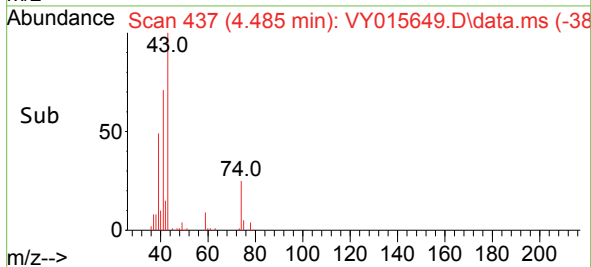
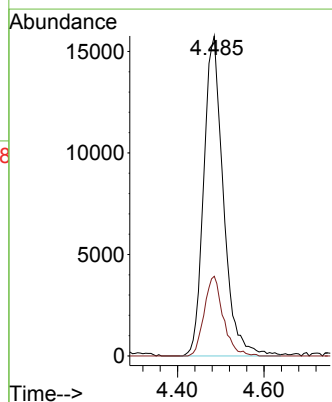
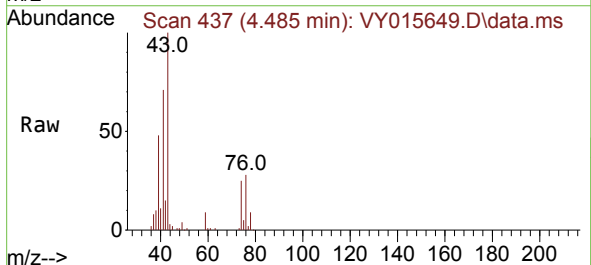
Instrument :
MSVOA_Y
ClientSampleId :

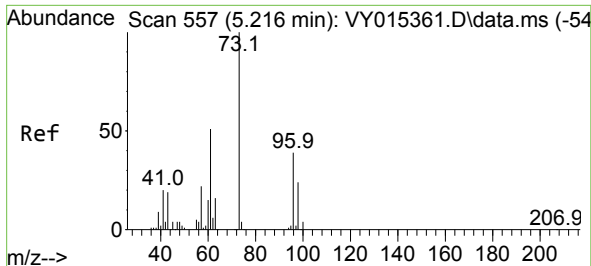
Tgt Ion: 76 Resp: 39307
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.4



#18
Methyl Acetate
Concen: 17.857 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.013 min
Lab File: VY015649.D
Acq: 20 Sep 2023 10:57

Tgt Ion: 43 Resp: 49675
Ion Ratio Lower Upper
43 100
74 24.1 17.4 26.0

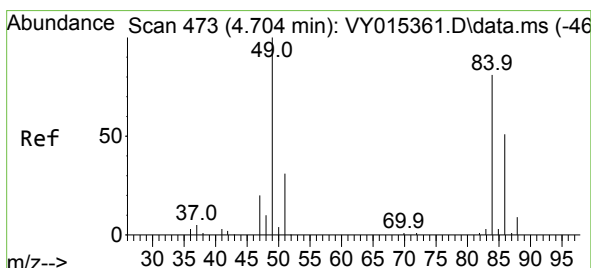
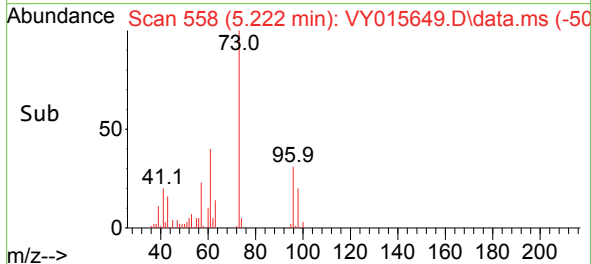
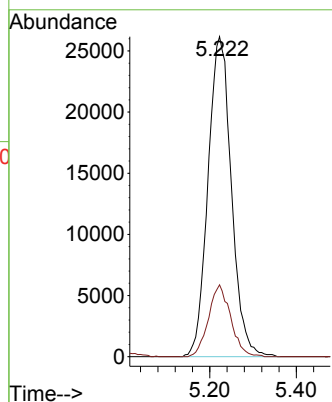
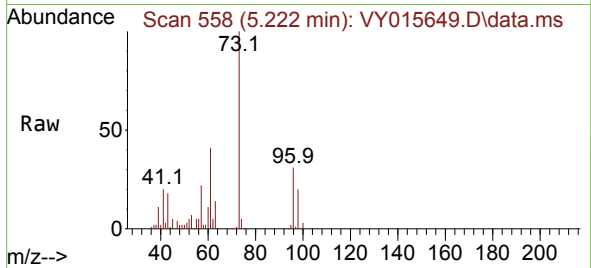




#19
Methyl tert-butyl Ether
Concen: 19.415 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY015649.D
Acq: 20 Sep 2023 10:57

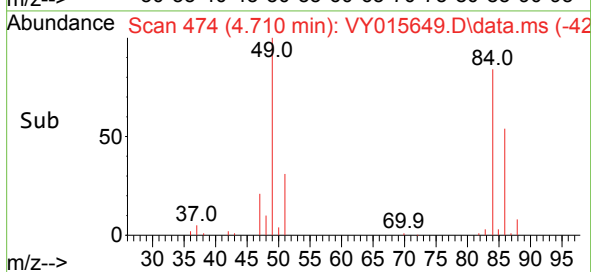
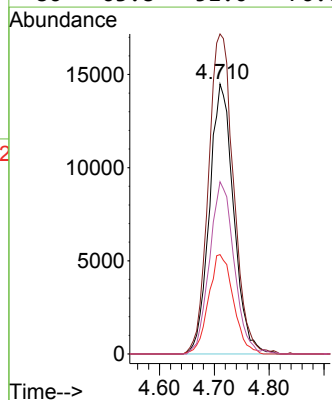
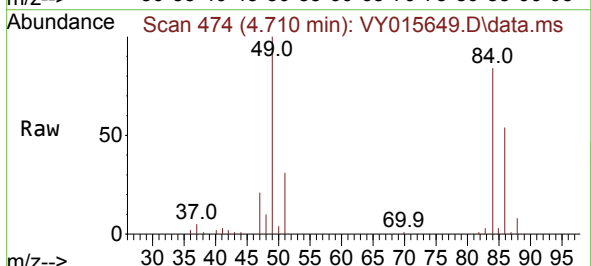
Instrument :
MSVOA_Y
ClientSampleId :

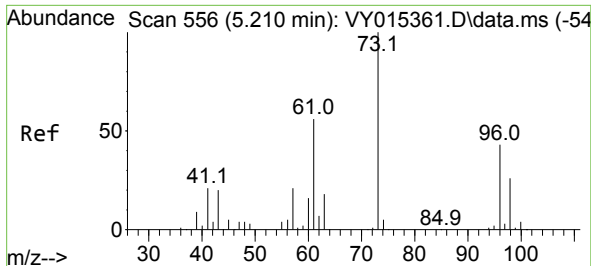
Tgt Ion: 73 Resp: 97958
Ion Ratio Lower Upper
73 100
57 22.4 17.3 25.9



#20
Methylene Chloride
Concen: 21.756 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY015649.D
Acq: 20 Sep 2023 10:57

Tgt Ion: 84 Resp: 44467
Ion Ratio Lower Upper
84 100
49 118.5 106.9 160.3
51 36.8 33.2 49.8
86 63.8 51.0 76.6

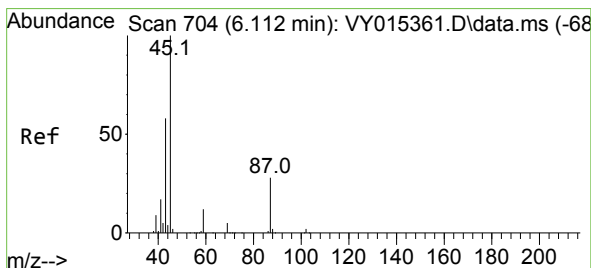
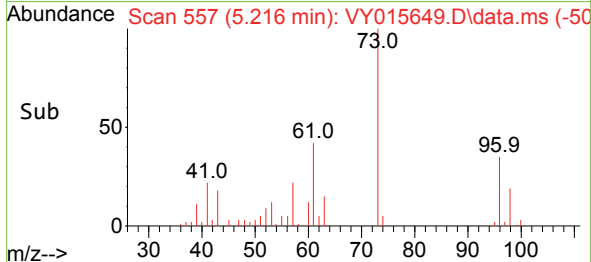
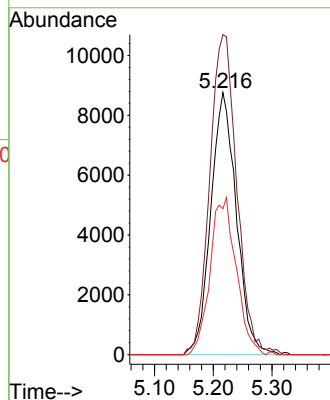
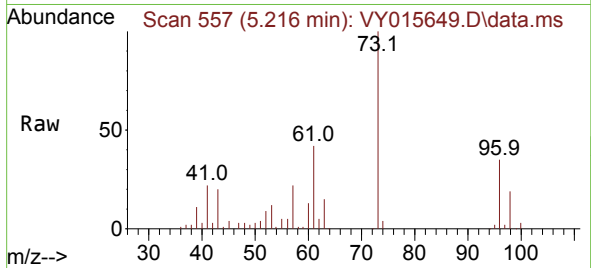




#21
trans-1,2-Dichloroethene
Concen: 18.749 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015649.D
Acq: 20 Sep 2023 10:57

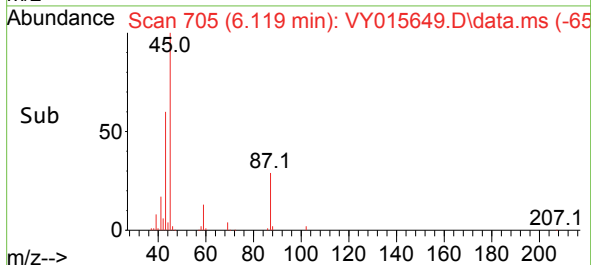
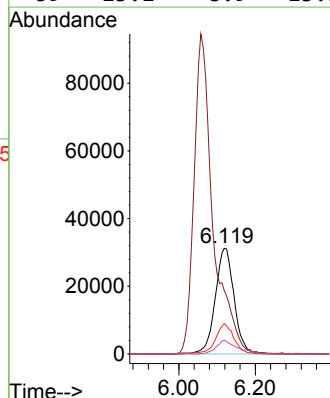
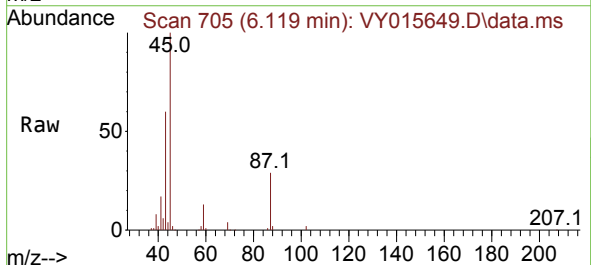
Instrument :
MSVOA_Y
ClientSampleId :

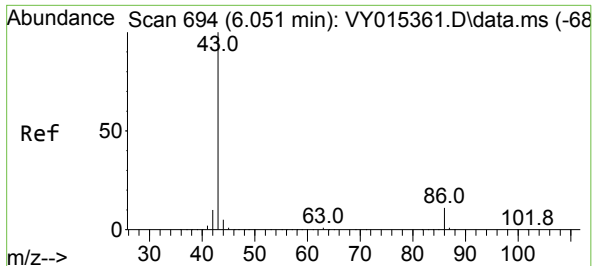
Tgt Ion: 96 Resp: 26547
Ion Ratio Lower Upper
96 100
61 122.1 110.2 165.4
98 55.7 51.8 77.6



#22
Diisopropyl ether
Concen: 19.584 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.007 min
Lab File: VY015649.D
Acq: 20 Sep 2023 10:57

Tgt Ion: 45 Resp: 106746
Ion Ratio Lower Upper
45 100
43 59.5 52.2 78.4
87 28.7 21.0 31.6
59 13.1 8.9 13.3





#23

Vinyl Acetate

Concen: 96.411 ug/l

RT: 6.058 min Scan# 694

Delta R.T. 0.007 min

Lab File: VY015649.D

Acq: 20 Sep 2023 10:57

Instrument :

MSVOA_Y

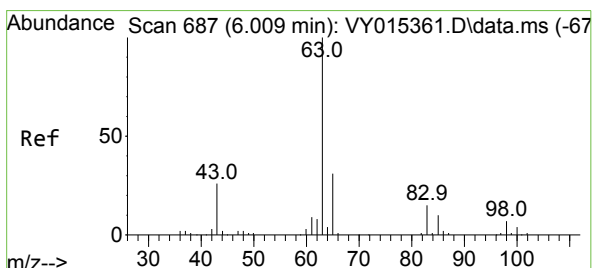
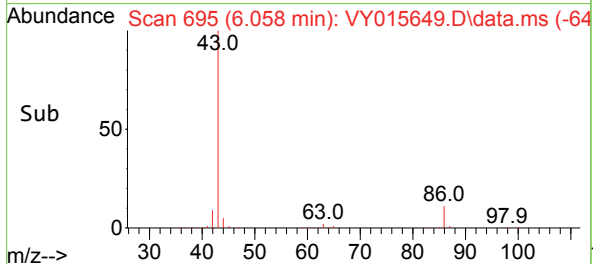
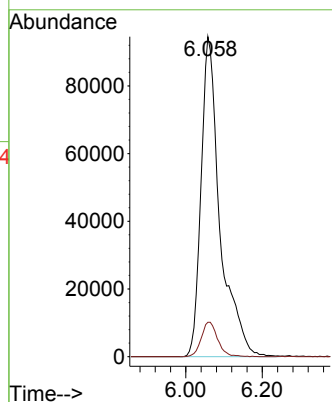
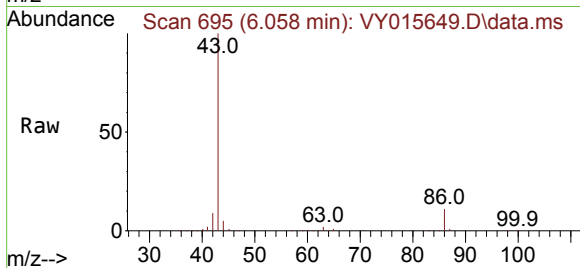
ClientSampleId :

Tgt Ion: 43 Resp: 324366

Ion Ratio Lower Upper

43 100

86 10.7 7.5 11.3



#24

1,1-Dichloroethane

Concen: 18.870 ug/l

RT: 6.015 min Scan# 688

Delta R.T. 0.012 min

Lab File: VY015649.D

Acq: 20 Sep 2023 10:57

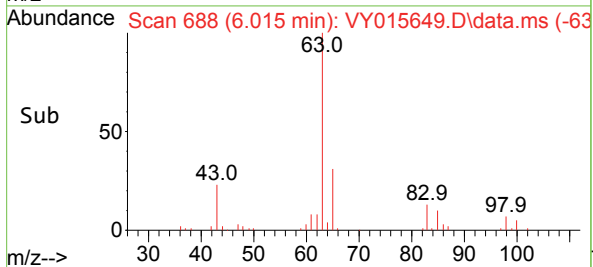
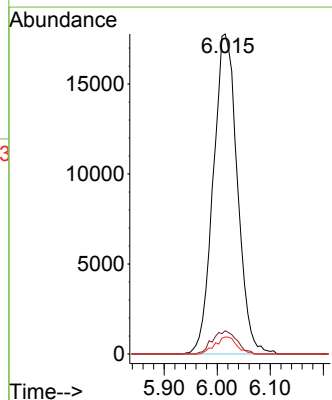
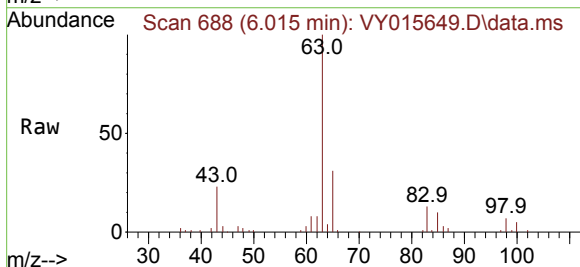
Tgt Ion: 63 Resp: 56064

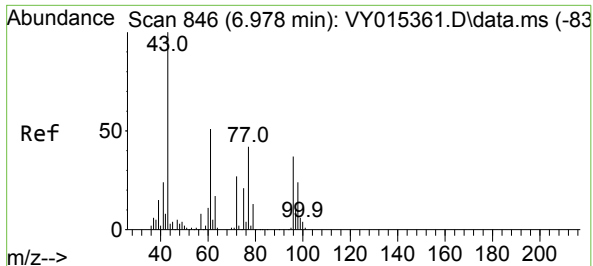
Ion Ratio Lower Upper

63 100

98 7.2 3.1 9.4

100 5.3 1.8 5.5

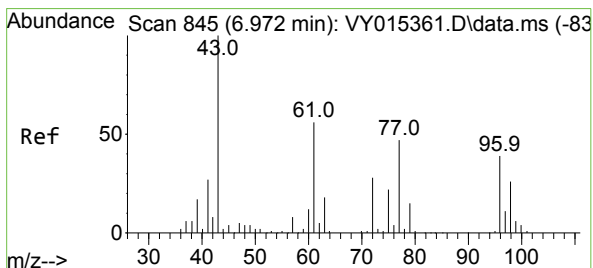
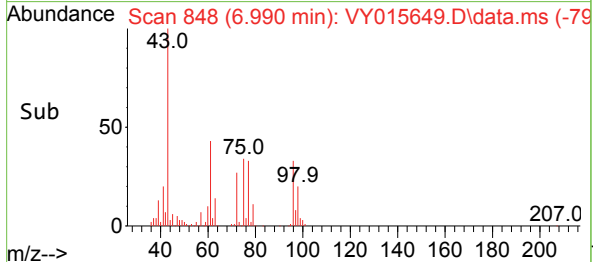
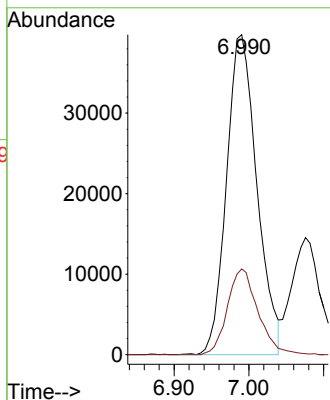
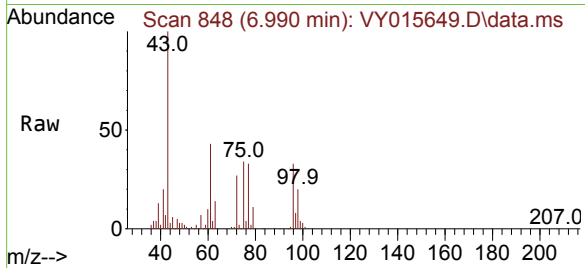




#25
2-Butanone
Concen: 95.879 ug/l
RT: 6.990 min Scan# 846
Delta R.T. 0.012 min
Lab File: VY015649.D
Acq: 20 Sep 2023 10:57

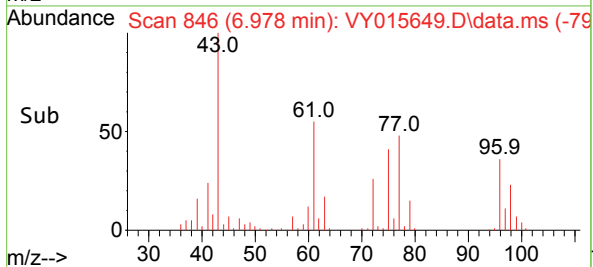
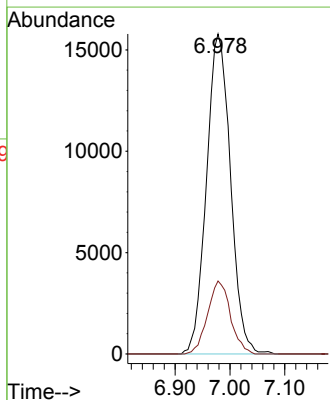
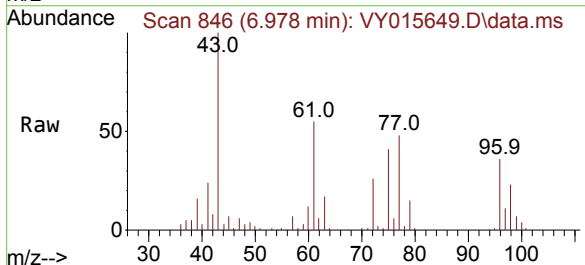
Instrument :
MSVOA_Y
ClientSampleId :

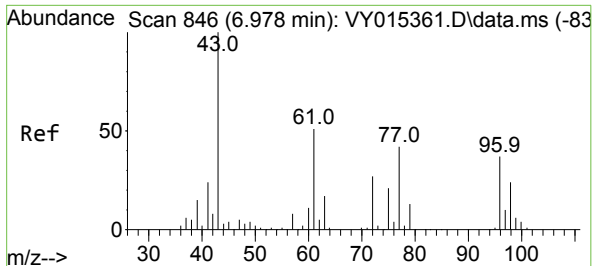
Tgt Ion: 43 Resp: 112362
Ion Ratio Lower Upper
43 100
72 26.8 20.5 30.7



#26
2,2-Dichloropropane
Concen: 17.684 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY015649.D
Acq: 20 Sep 2023 10:57

Tgt Ion: 77 Resp: 48022
Ion Ratio Lower Upper
77 100
97 21.7 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 18.845 ug/l

RT: 6.984 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY015649.D

Acq: 20 Sep 2023 10:57

Instrument :

MSVOA_Y

ClientSampleId :

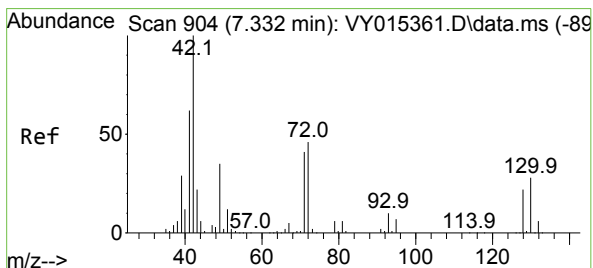
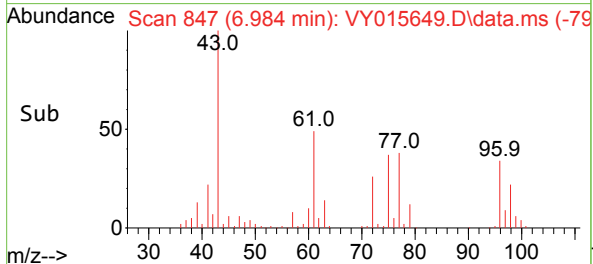
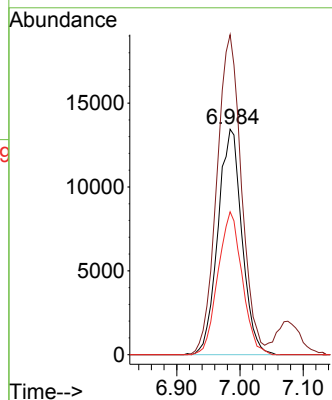
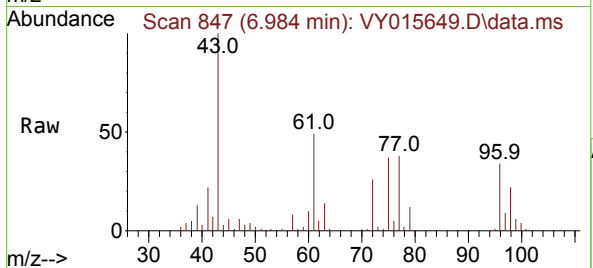
Tgt Ion: 96 Resp: 35424

Ion Ratio Lower Upper

96 100

61 145.6 0.0 301.4

98 63.9 0.0 130.4



#28

Bromochloromethane

Concen: 20.032 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.006 min

Lab File: VY015649.D

Acq: 20 Sep 2023 10:57

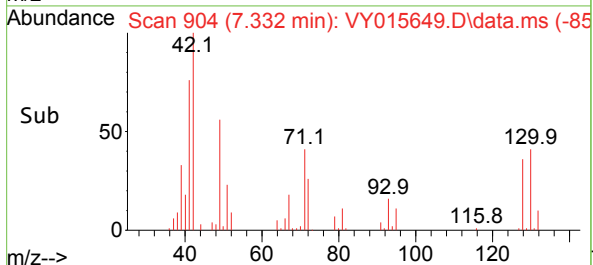
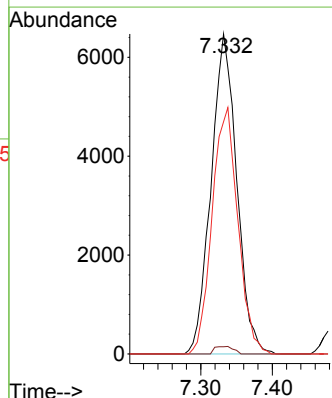
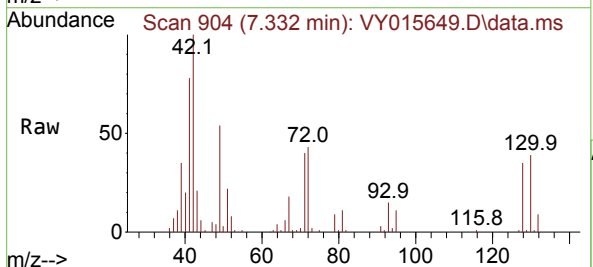
Tgt Ion: 49 Resp: 16147

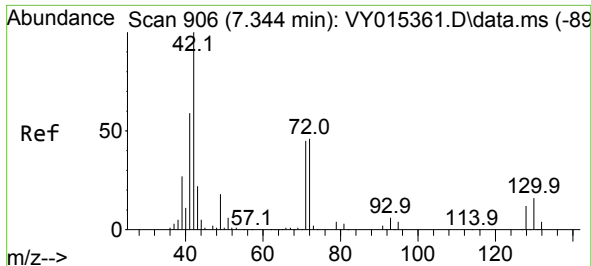
Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.6

130 77.3 60.7 91.1





#29

Tetrahydrofuran

Concen: 90.581 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY015649.D

Acq: 20 Sep 2023 10:57

Instrument :

MSVOA_Y

ClientSampleId :

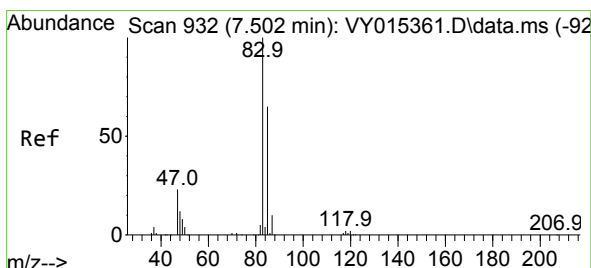
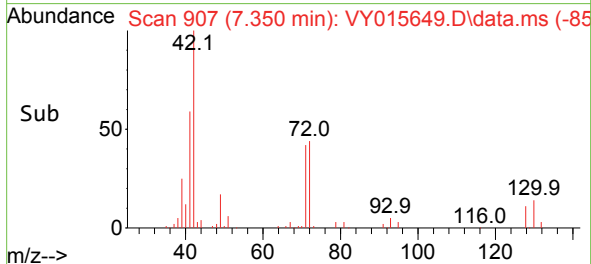
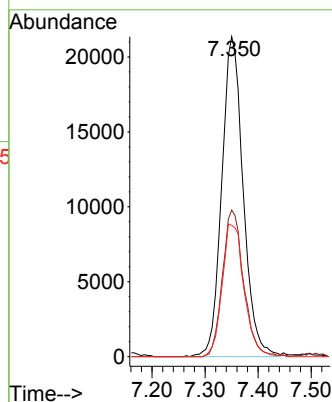
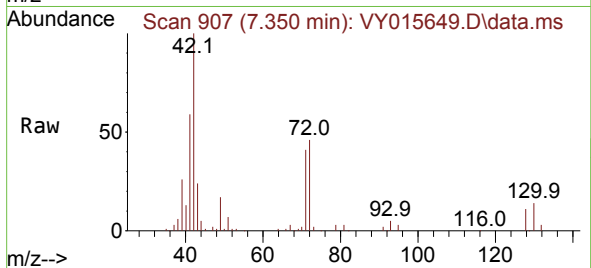
Tgt Ion: 42 Resp: 59999

Ion Ratio Lower Upper

42 100

72 45.0 32.8 49.2

71 42.2 31.0 46.4



#30

Chloroform

Concen: 19.363 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.013 min

Lab File: VY015649.D

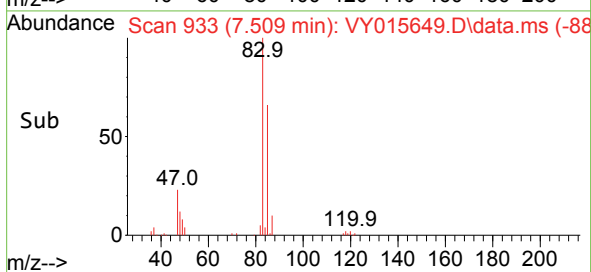
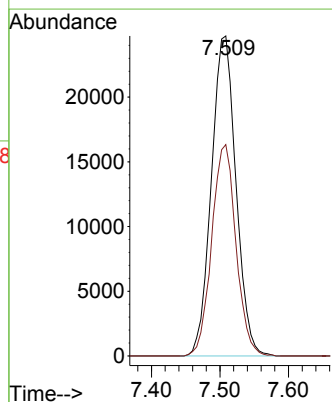
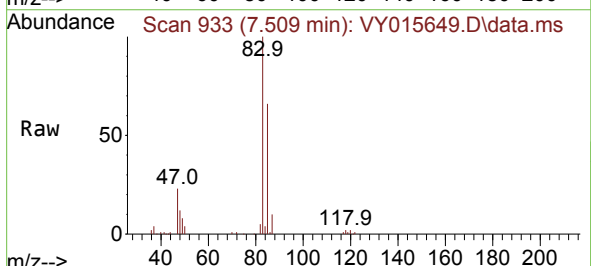
Acq: 20 Sep 2023 10:57

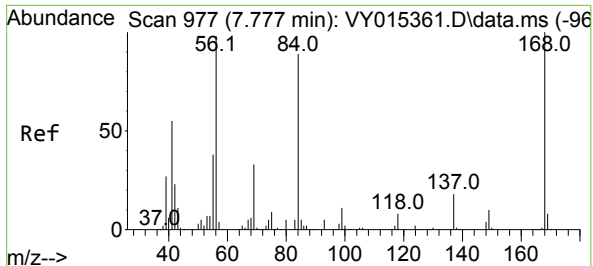
Tgt Ion: 83 Resp: 61608

Ion Ratio Lower Upper

83 100

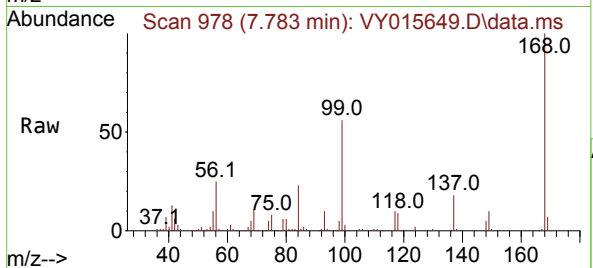
85 66.1 49.7 74.5



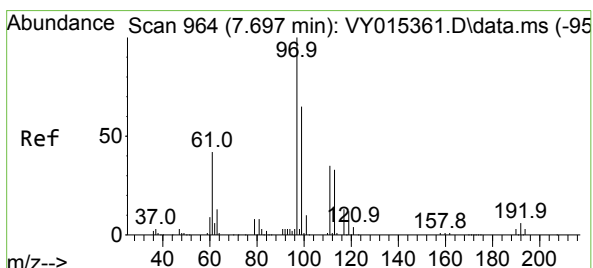
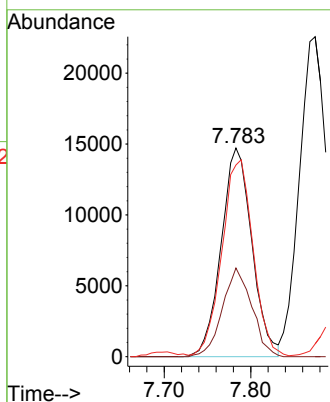
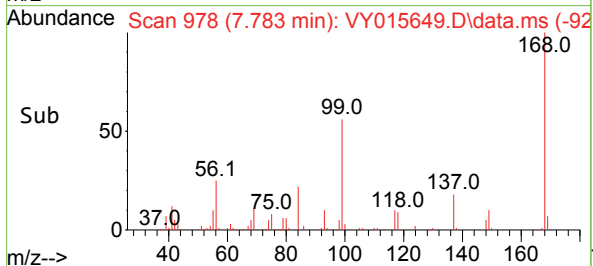


#31
Cyclohexane
Concen: 16.927 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015649.D
Acq: 20 Sep 2023 10:57

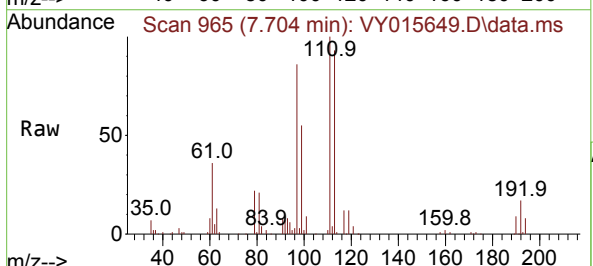
Instrument :
MSVOA_Y
ClientSampleId :



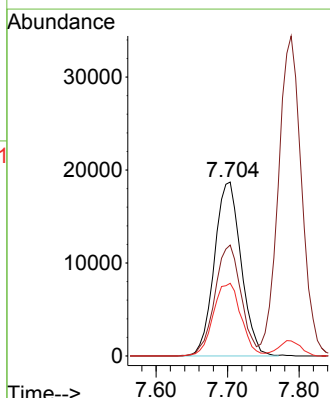
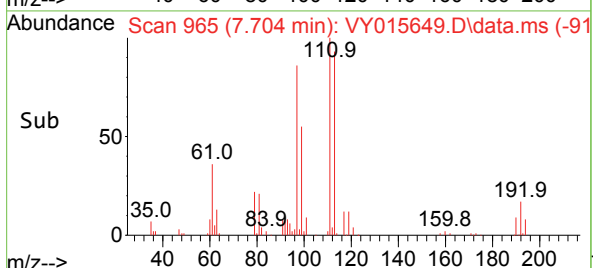
Tgt Ion: 56 Resp: 36329
Ion Ratio Lower Upper
56 100
69 42.5 27.8 41.6#
84 90.9 66.4 99.6

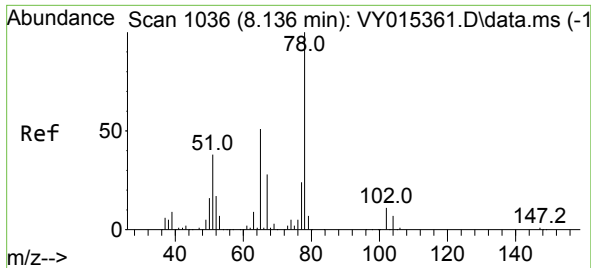


#32
1,1,1-Trichloroethane
Concen: 18.464 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.013 min
Lab File: VY015649.D
Acq: 20 Sep 2023 10:57



Tgt Ion: 97 Resp: 48497
Ion Ratio Lower Upper
97 100
99 62.7 50.8 76.2
61 43.6 35.1 52.7

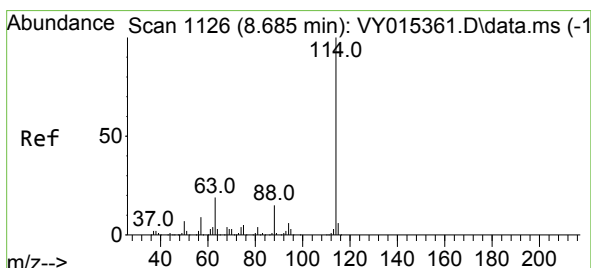
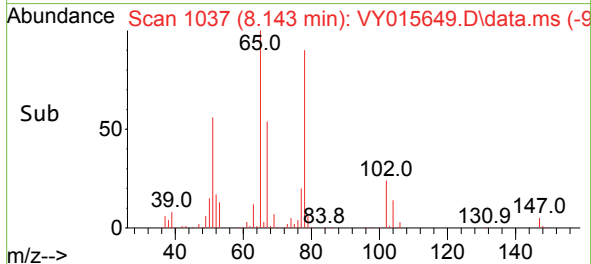
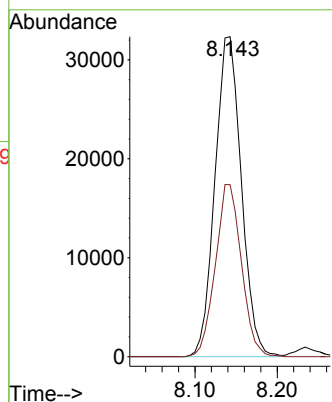
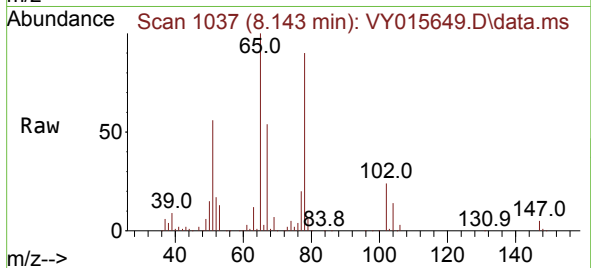




#33
 1,2-Dichloroethane-d4
 Concen: 46.579 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.007 min
 Lab File: VY015649.D
 Acq: 20 Sep 2023 10:57

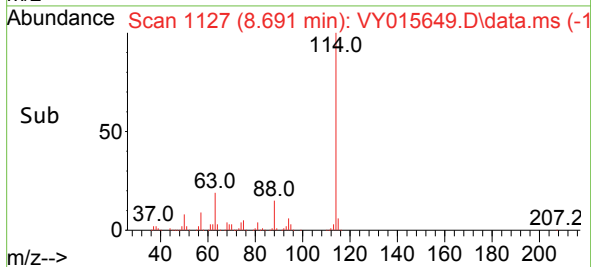
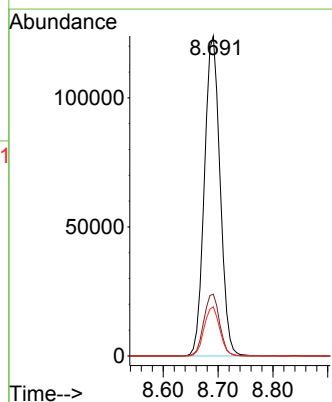
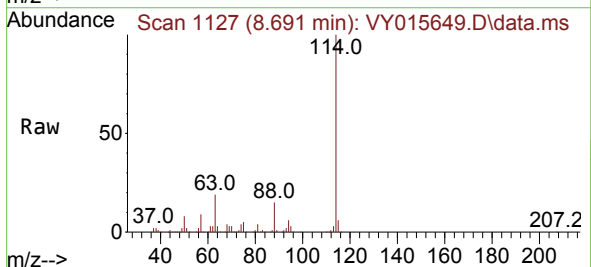
Instrument :
 MSVOA_Y
 ClientSampleId :

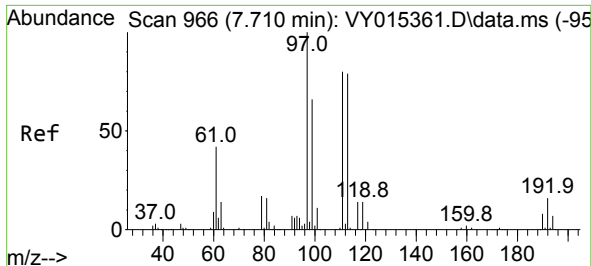
Tgt Ion: 65 Resp: 72164
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VY015649.D
 Acq: 20 Sep 2023 10:57

Tgt Ion:114 Resp: 245306
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 42.4
 88 15.3 0.0 30.6

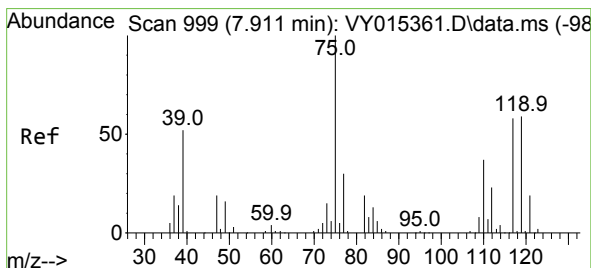
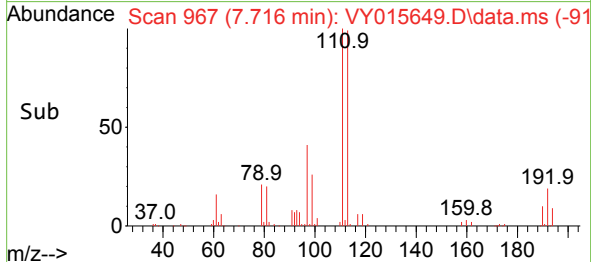
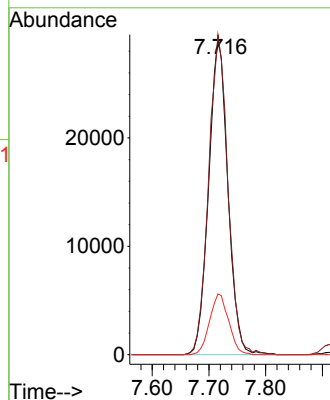
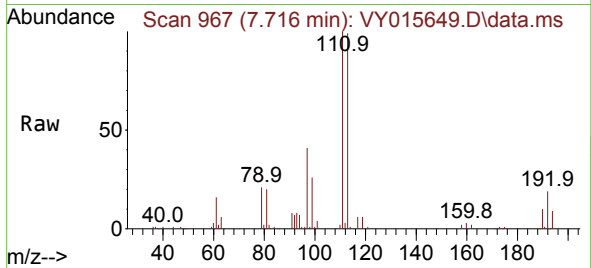




#35
Dibromofluoromethane
Concen: 46.601 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015649.D
Acq: 20 Sep 2023 10:57

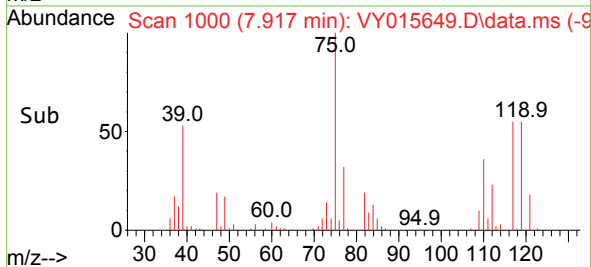
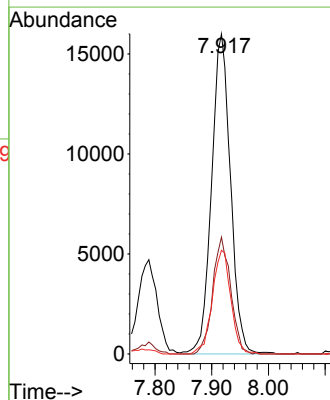
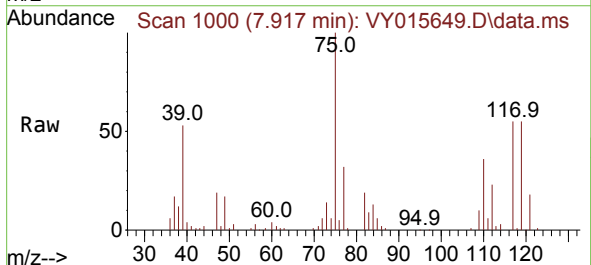
Instrument :
MSVOA_Y
ClientSampleId :

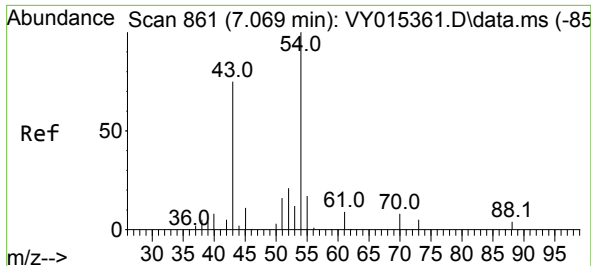
Tgt Ion:113 Resp: 68422
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 19.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 17.118 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY015649.D
Acq: 20 Sep 2023 10:57

Tgt Ion: 75 Resp: 37162
Ion Ratio Lower Upper
75 100
110 34.7 17.8 53.5
77 31.7 24.4 36.6





#37

Ethyl Acetate

Concen: 18.598 ug/l

RT: 7.076 min Scan# 80

Delta R.T. 0.013 min

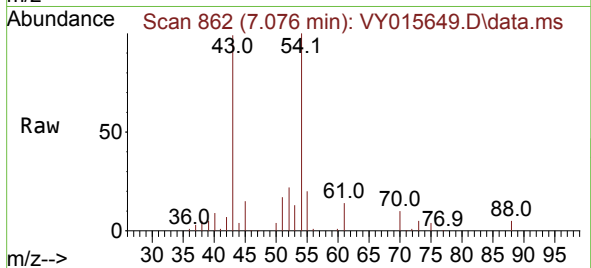
Lab File: VY015649.D

Acq: 20 Sep 2023 10:57

Instrument :

MSVOA_Y

ClientSampleId :



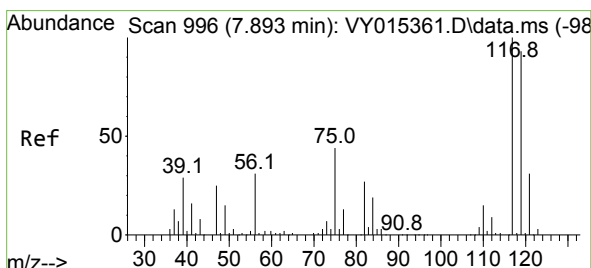
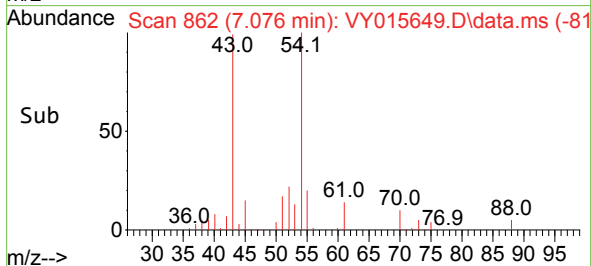
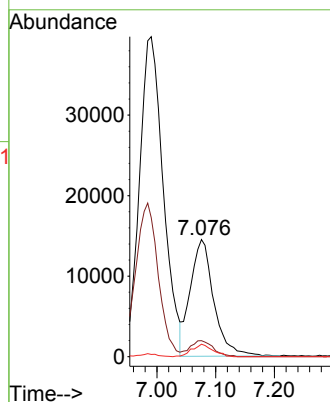
Tgt Ion: 43 Resp: 40273

Ion Ratio Lower Upper

43 100

61 13.7 10.1 15.1

70 9.5 7.1 10.7



#38

Carbon Tetrachloride

Concen: 17.277 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.006 min

Lab File: VY015649.D

Acq: 20 Sep 2023 10:57

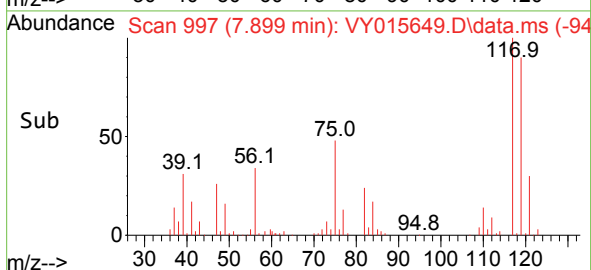
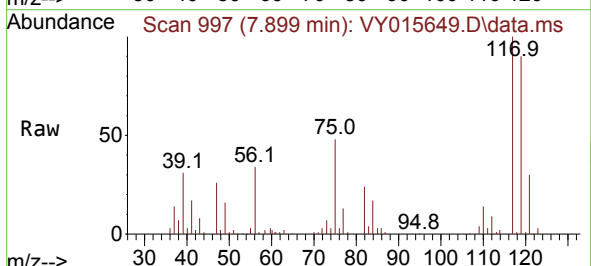
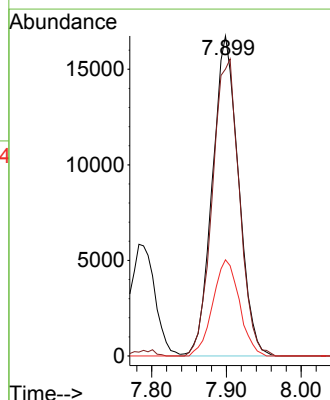
Tgt Ion: 117 Resp: 40712

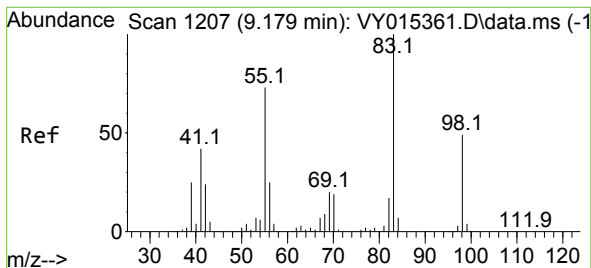
Ion Ratio Lower Upper

117 100

119 89.6 76.4 114.6

121 30.0 25.8 38.6





#39

Methylcyclohexane

Concen: 15.915 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015649.D

Acq: 20 Sep 2023 10:57

Instrument :

MSVOA_Y

ClientSampleId :

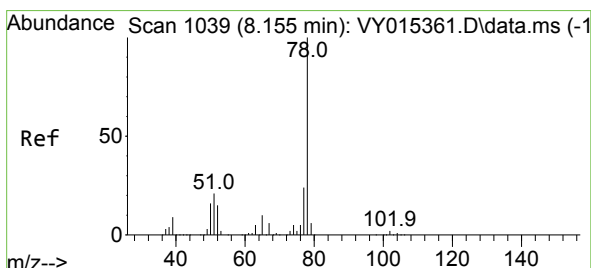
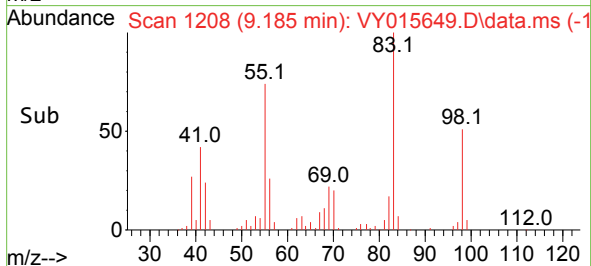
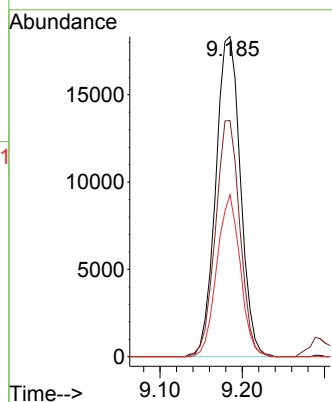
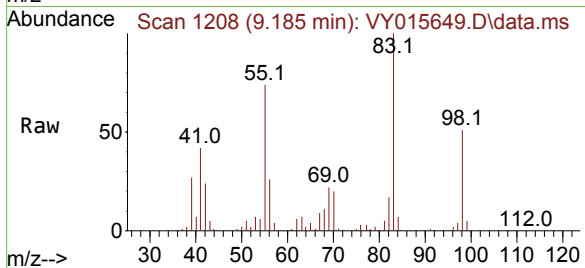
Tgt Ion: 83 Resp: 38213

Ion Ratio Lower Upper

83 100

55 73.8 63.0 94.4

98 50.6 37.4 56.2



#40

Benzene

Concen: 18.313 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.012 min

Lab File: VY015649.D

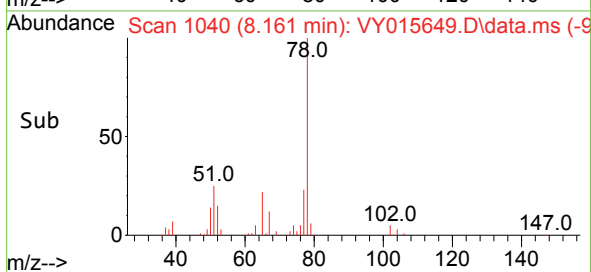
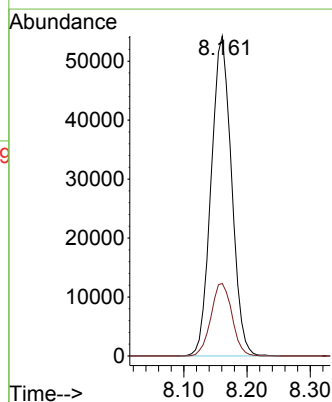
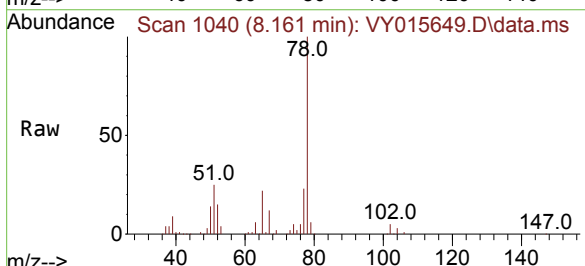
Acq: 20 Sep 2023 10:57

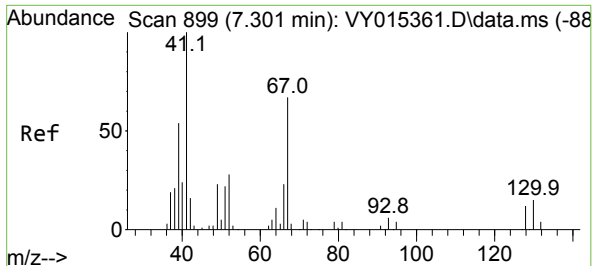
Tgt Ion: 78 Resp: 121240

Ion Ratio Lower Upper

78 100

77 22.7 19.0 28.6

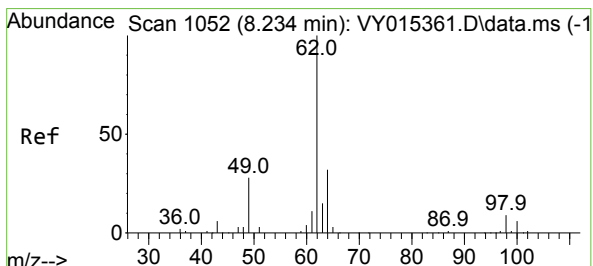
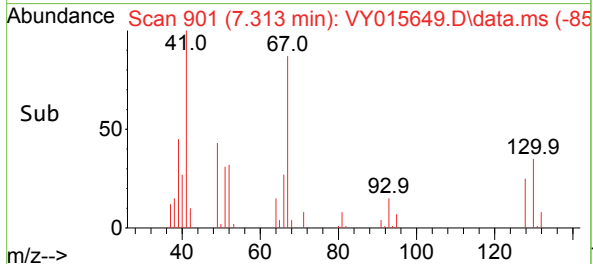
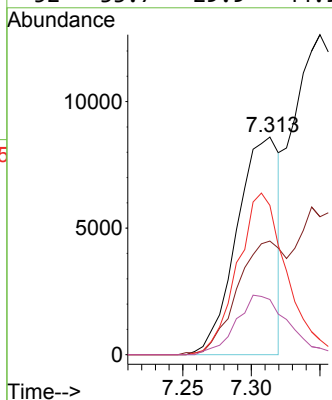
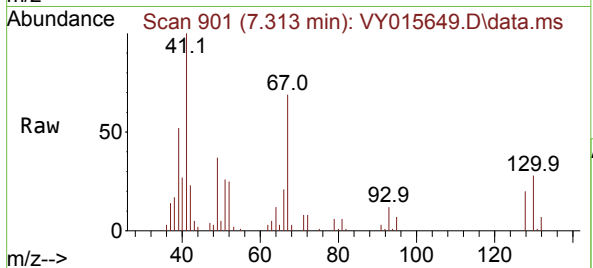




#41
Methacrylonitrile
Concen: 15.839 ug/l
RT: 7.313 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY015649.D
Acq: 20 Sep 2023 10:57

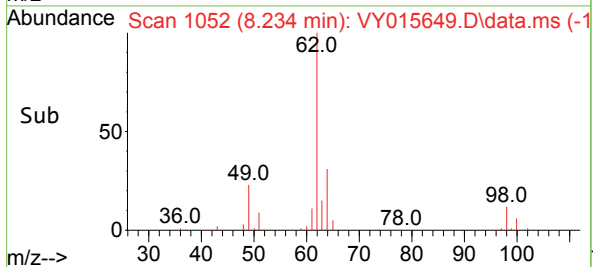
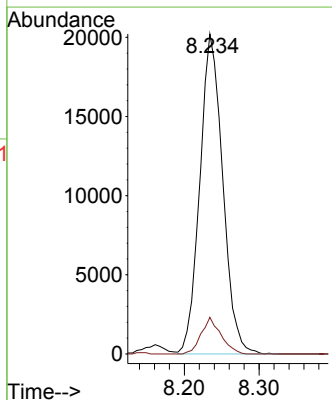
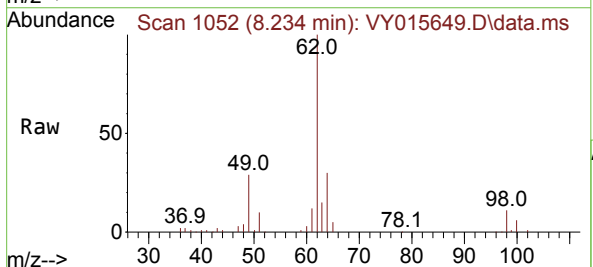
Instrument :
MSVOA_Y
ClientSampleId :

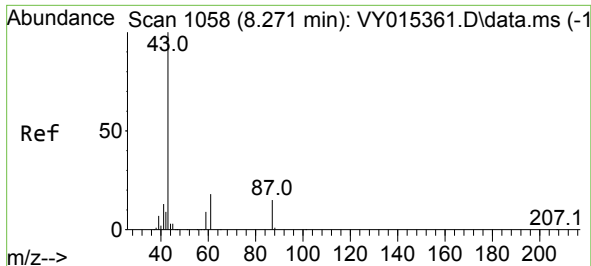
Tgt Ion:	41	Resp:	18467
Ion	Ratio	Lower	Upper
41	100		
39	59.6	52.1	78.1
67	85.9	66.2	99.2
52	33.7	29.9	44.9



#42
1,2-Dichloroethane
Concen: 18.979 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY015649.D
Acq: 20 Sep 2023 10:57

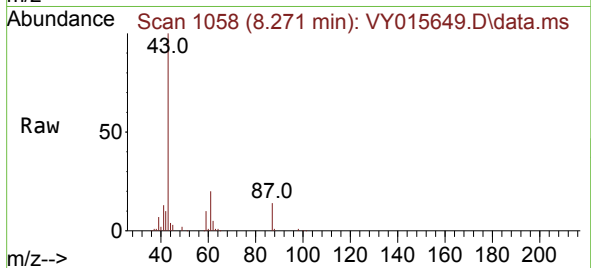
Tgt Ion:	62	Resp:	43031
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	15.8



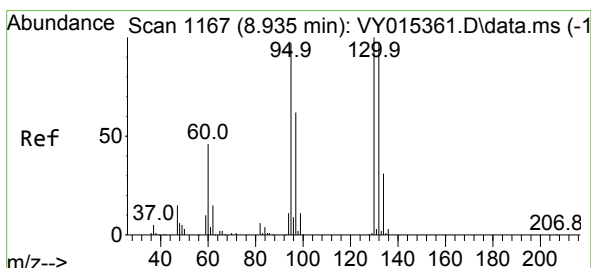
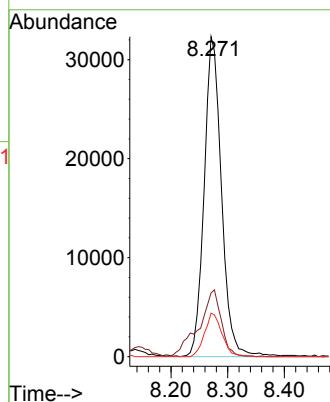
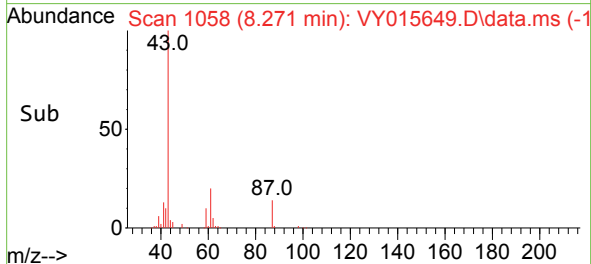


#43
Isopropyl Acetate
Concen: 18.573 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.007 min
Lab File: VY015649.D
Acq: 20 Sep 2023 10:57

Instrument :
MSVOA_Y
ClientSampleId :

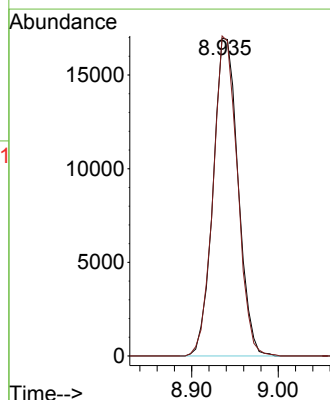
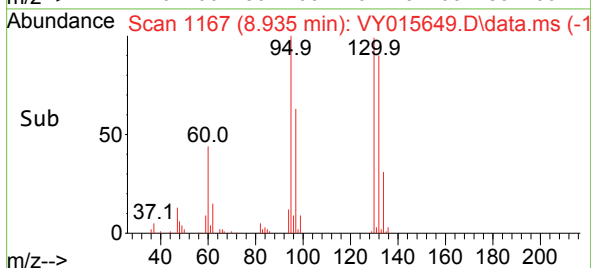
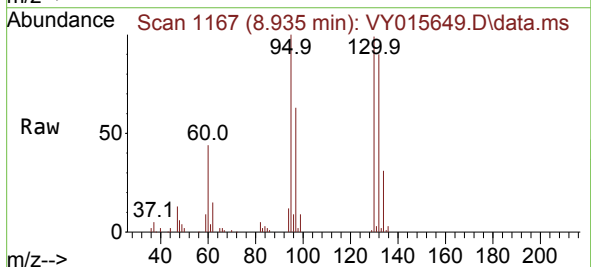


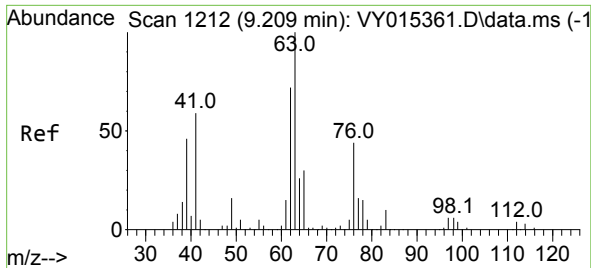
Tgt Ion	Ratio	Lower	Upper
43	100		
61	27.0	21.1	31.7
87	13.7	9.8	14.8



#44
Trichloroethene
Concen: 18.353 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY015649.D
Acq: 20 Sep 2023 10:57

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.7	0.0	196.0

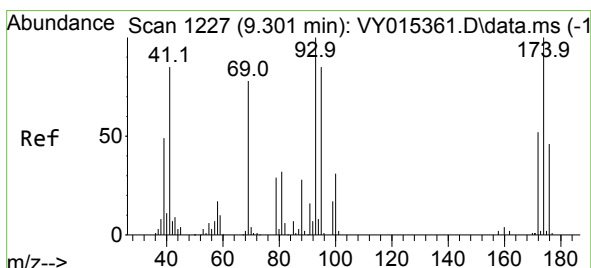
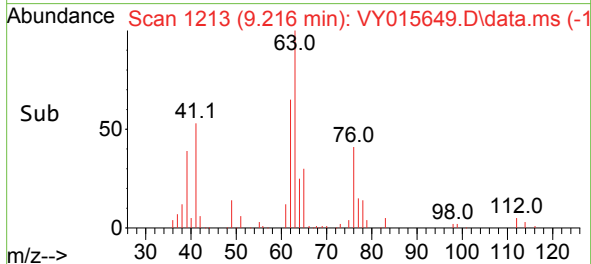
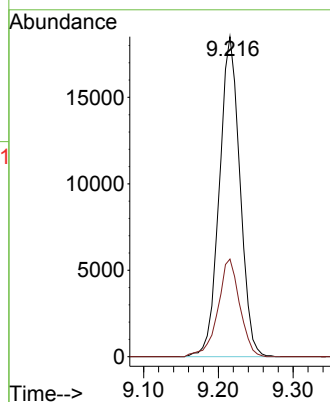
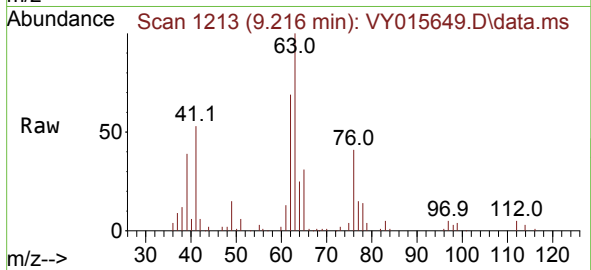




#45
1,2-Dichloropropane
Concen: 19.194 ug/l
RT: 9.216 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY015649.D
Acq: 20 Sep 2023 10:57

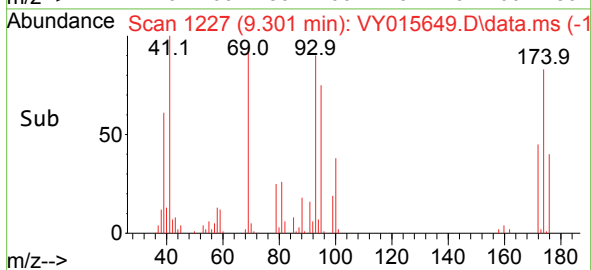
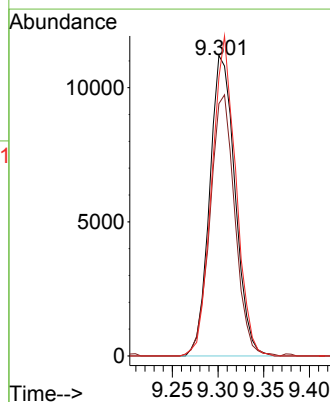
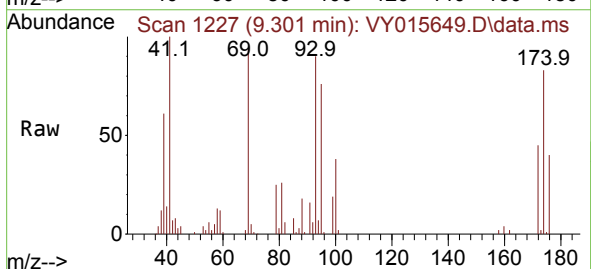
Instrument :
MSVOA_Y
ClientSampleId :

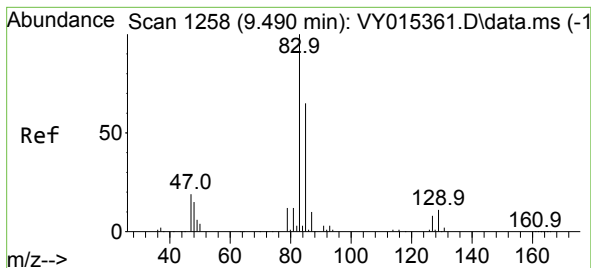
Tgt Ion: 63 Resp: 35436
Ion Ratio Lower Upper
63 100
65 30.5 23.8 35.6



#46
Dibromomethane
Concen: 18.317 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY015649.D
Acq: 20 Sep 2023 10:57

Tgt Ion: 93 Resp: 21632
Ion Ratio Lower Upper
93 100
95 84.9 66.6 100.0
174 100.7 84.8 127.2





#47

Bromodichloromethane

Concen: 18.904 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. 0.006 min

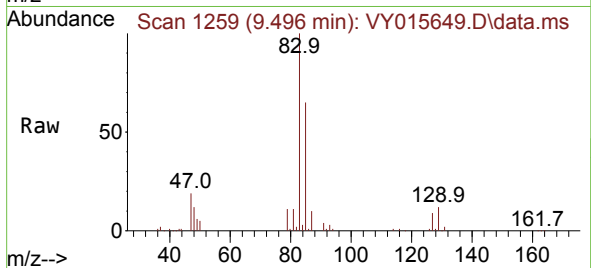
Lab File: VY015649.D

Acq: 20 Sep 2023 10:57

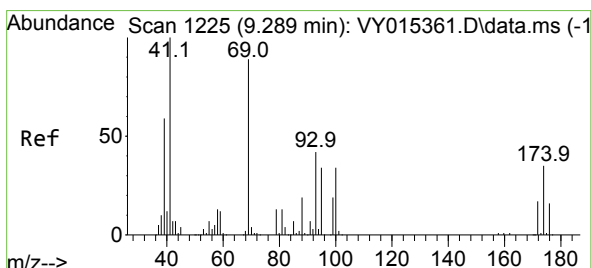
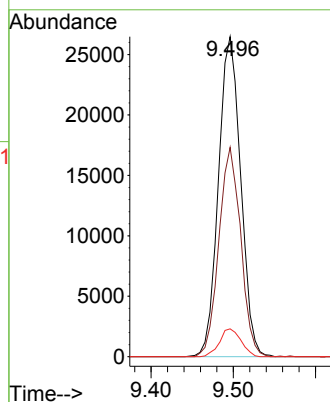
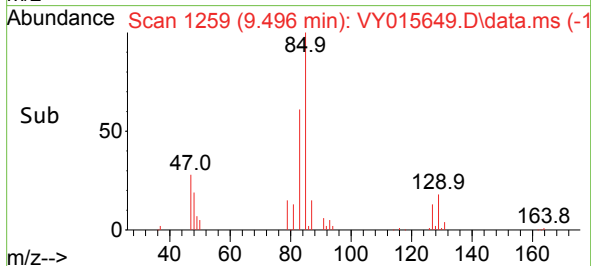
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 83	Resp: 49761
Ion Ratio	Lower Upper
83	100
85	65.4 50.1 75.1
127	8.7 7.1 10.7



#48

Methyl methacrylate

Concen: 18.485 ug/l

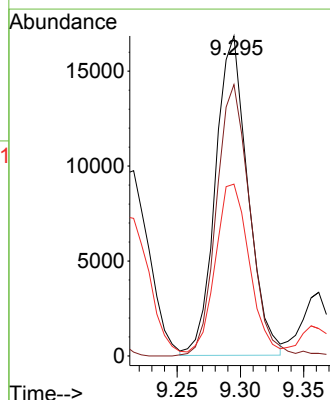
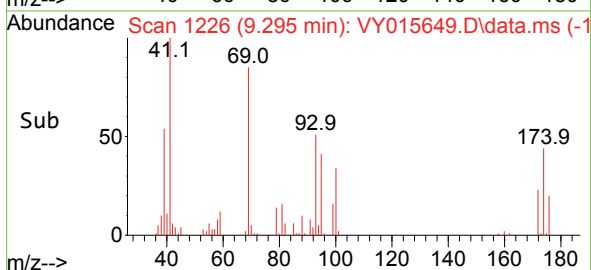
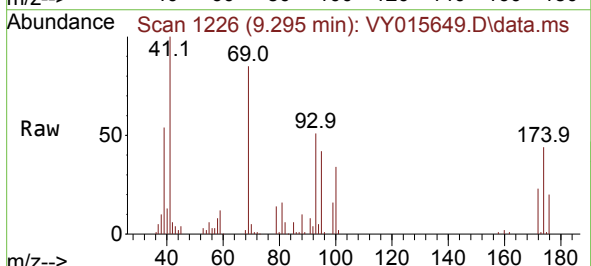
RT: 9.295 min Scan# 1226

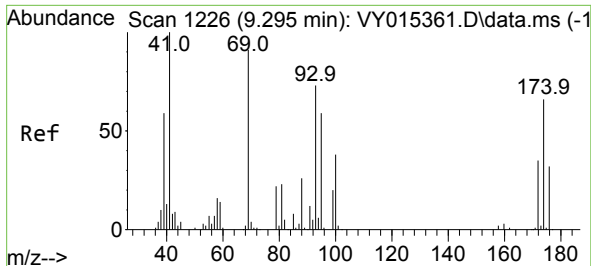
Delta R.T. 0.006 min

Lab File: VY015649.D

Acq: 20 Sep 2023 10:57

Tgt Ion: 41	Resp: 30011
Ion Ratio	Lower Upper
41	100
69	88.0 64.5 96.7
39	56.8 50.8 76.2





#49

1,4-Dioxane

Concen: 354.037 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.024 min

Lab File: VY015649.D

Acq: 20 Sep 2023 10:57

Instrument :

MSVOA_Y

ClientSampleId :

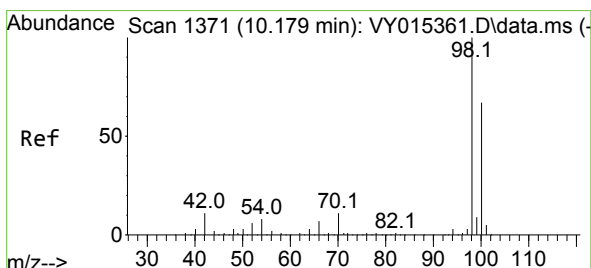
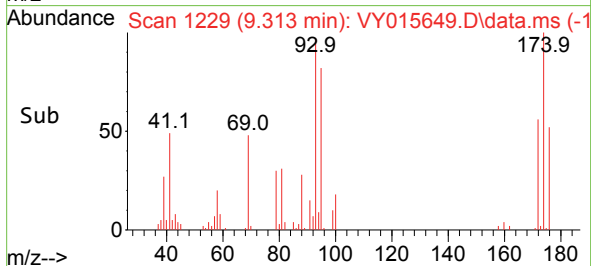
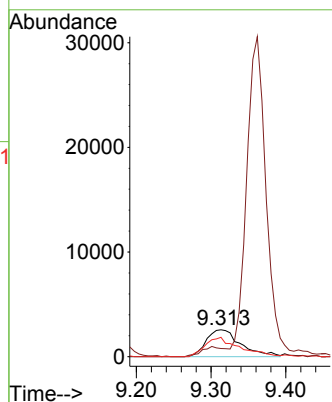
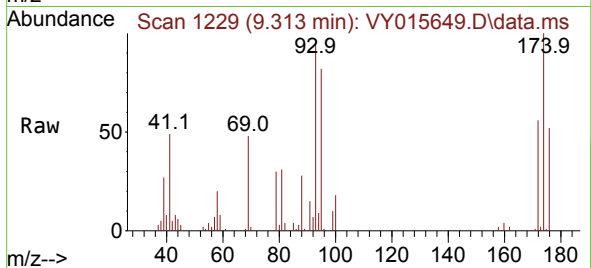
Tgt Ion: 88 Resp: 8260

Ion Ratio Lower Upper

88 100

43 24.0 0.0 0.0#

58 71.5 30.9 46.3#



#50

Toluene-d8

Concen: 43.294 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY015649.D

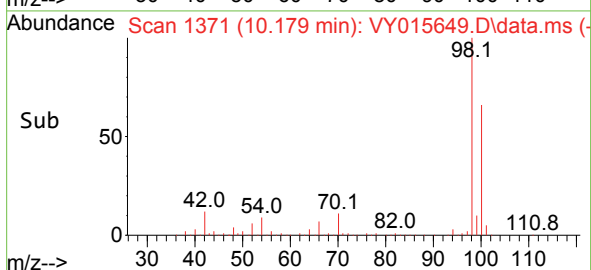
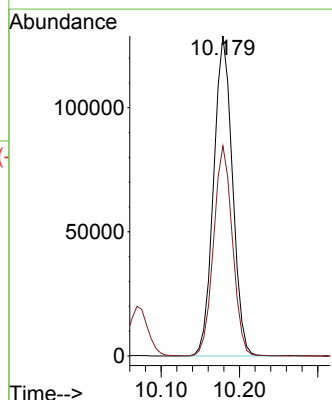
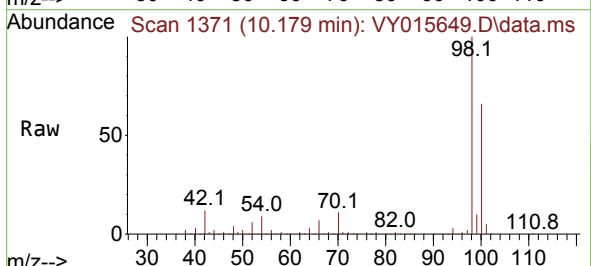
Acq: 20 Sep 2023 10:57

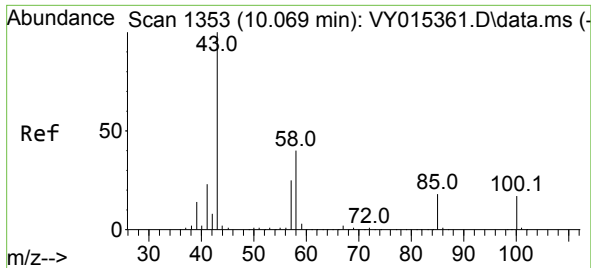
Tgt Ion: 98 Resp: 215531

Ion Ratio Lower Upper

98 100

100 65.7 50.1 75.1

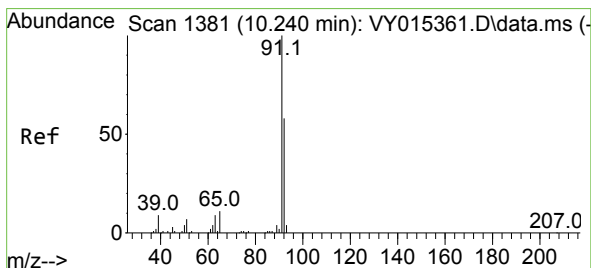
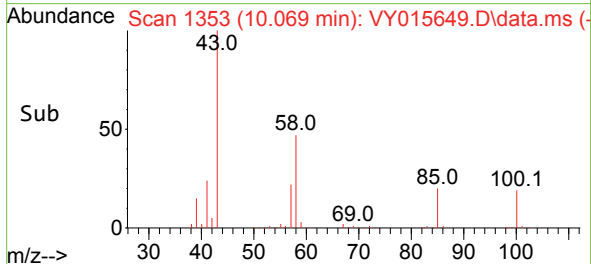
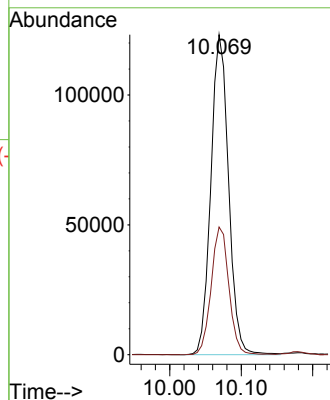
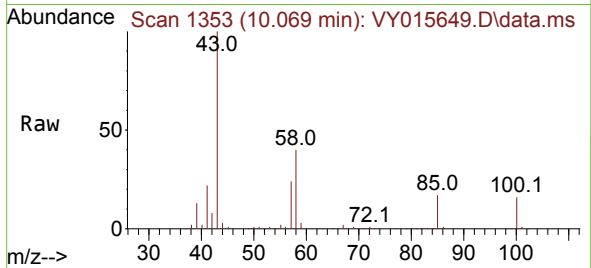




#51
4-Methyl-2-Pentanone
Concen: 92.420 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY015649.D
Acq: 20 Sep 2023 10:57

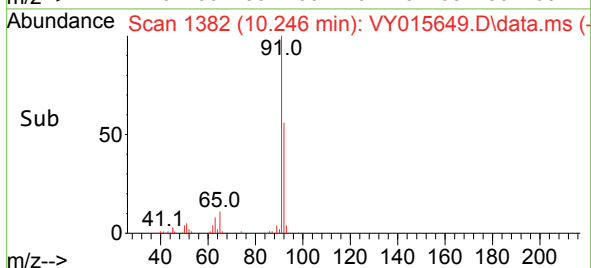
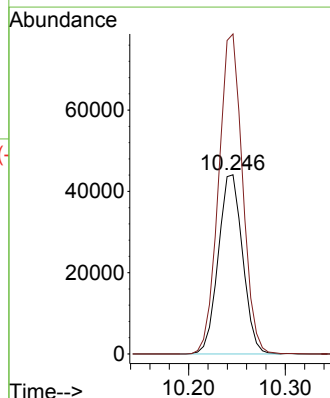
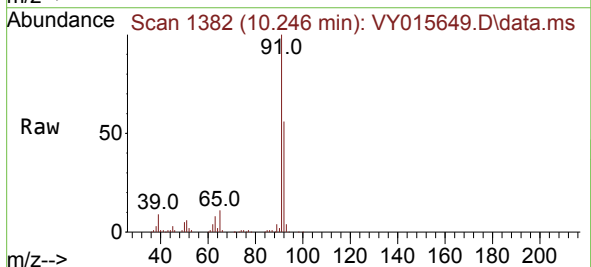
Instrument :
MSVOA_Y
ClientSampleId :

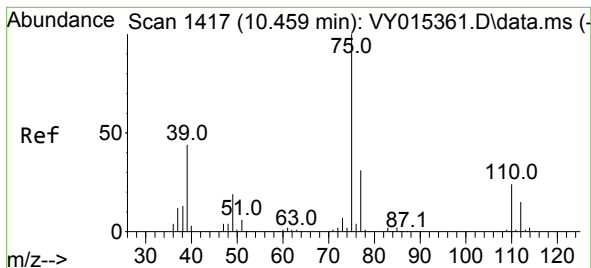
Tgt Ion: 43 Resp: 211886
Ion Ratio Lower Upper
43 100
58 39.9 29.0 43.6



#52
Toluene
Concen: 18.020 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015649.D
Acq: 20 Sep 2023 10:57

Tgt Ion: 92 Resp: 76909
Ion Ratio Lower Upper
92 100
91 175.9 143.8 215.6

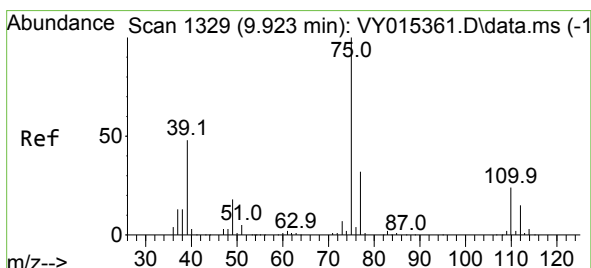
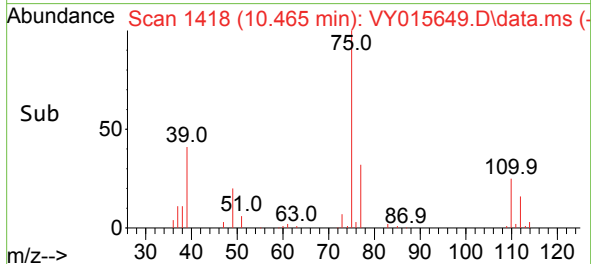
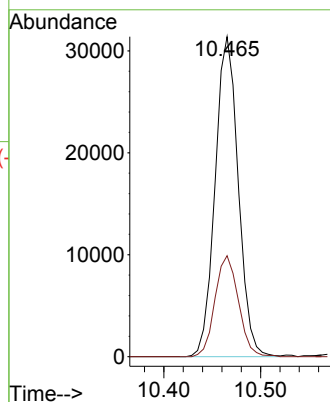
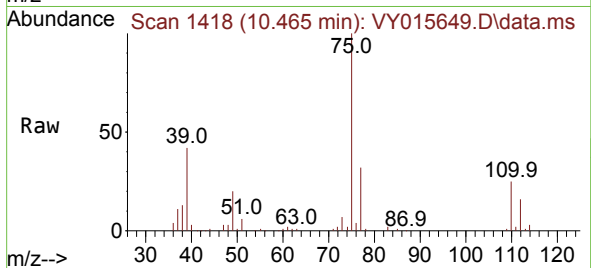




#53
 t-1,3-Dichloropropene
 Concen: 18.463 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY015649.D
 Acq: 20 Sep 2023 10:57

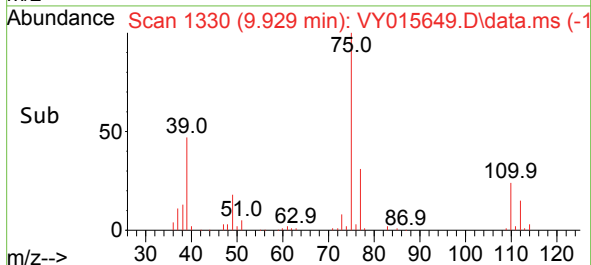
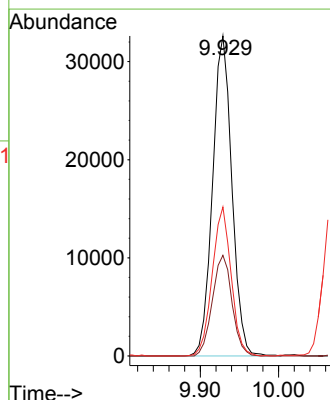
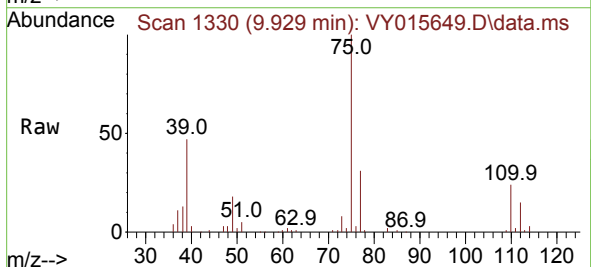
Instrument :
 MSVOA_Y
 ClientSampleId :

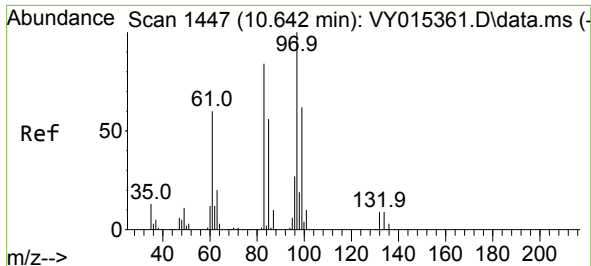
Tgt Ion: 75 Resp: 52119
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 18.377 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY015649.D
 Acq: 20 Sep 2023 10:57

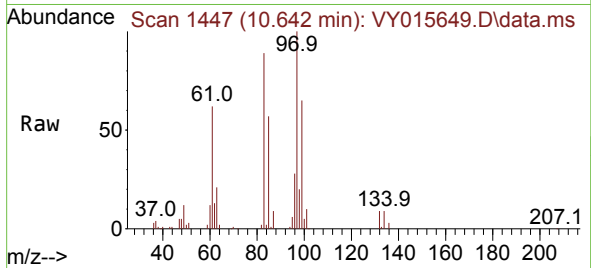
Tgt Ion: 75 Resp: 55838
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.2 36.4
 39 46.5 42.2 63.4



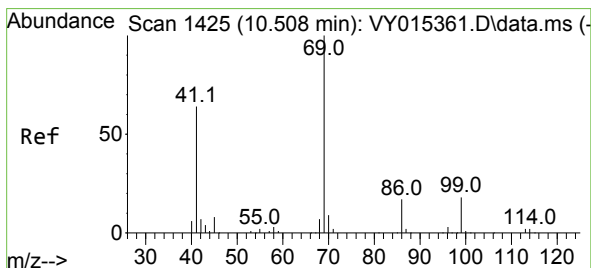
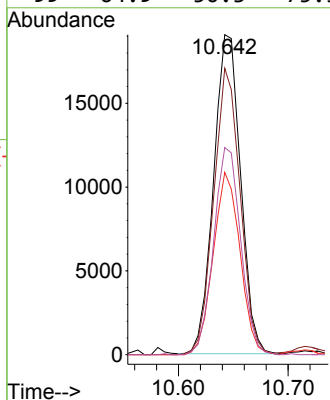
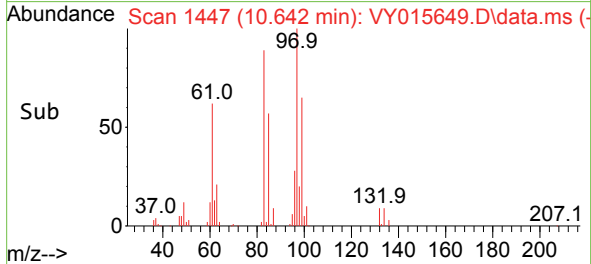


#55
1,1,2-Trichloroethane
Concen: 18.825 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY015649.D
Acq: 20 Sep 2023 10:57

Instrument :
MSVOA_Y
ClientSampleId :

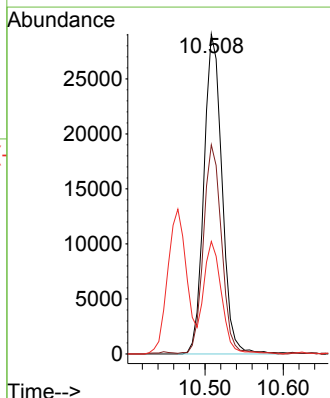
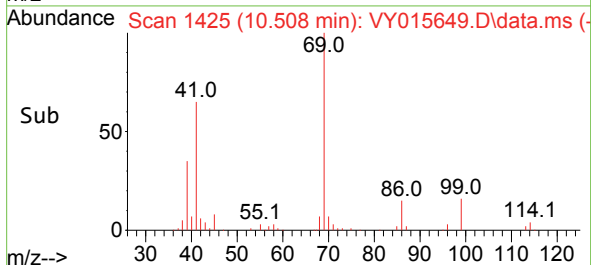
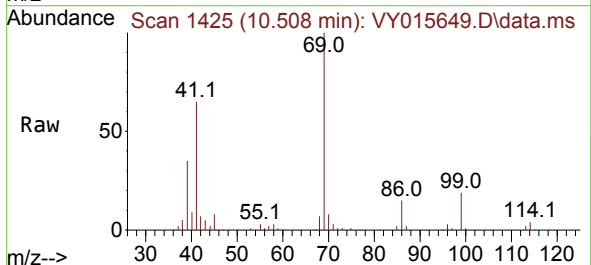


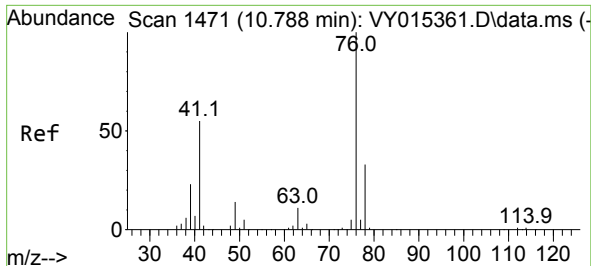
Tgt Ion:	97	Resp:	32580
Ion	Ratio	Lower	Upper
97	100		
83	89.7	72.0	108.0
85	57.1	45.4	68.0
99	64.9	50.3	75.5



#56
Ethyl methacrylate
Concen: 18.275 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY015649.D
Acq: 20 Sep 2023 10:57

Tgt Ion:	69	Resp:	46609
Ion	Ratio	Lower	Upper
69	100		
41	66.0	57.6	86.4
39	34.3	34.1	51.1





#57

1,3-Dichloropropane

Concen: 18.875 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY015649.D

Acq: 20 Sep 2023 10:57

Instrument :

MSVOA_Y

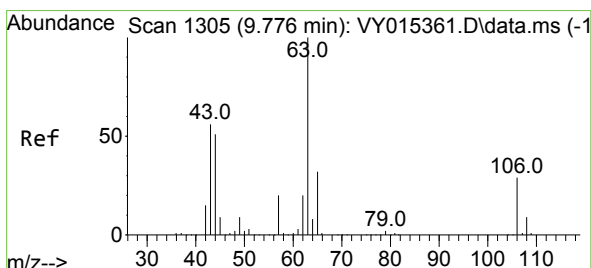
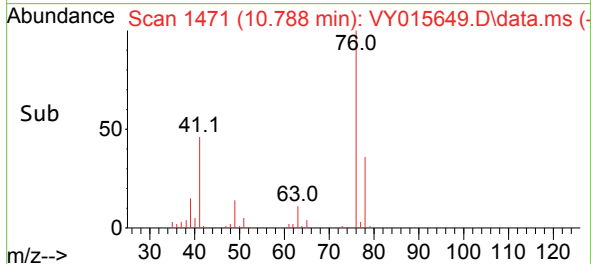
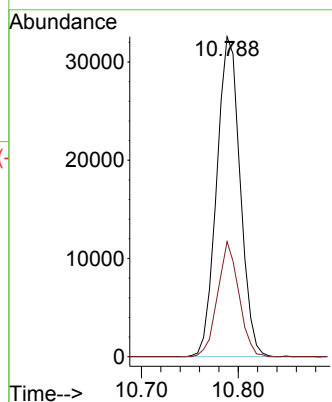
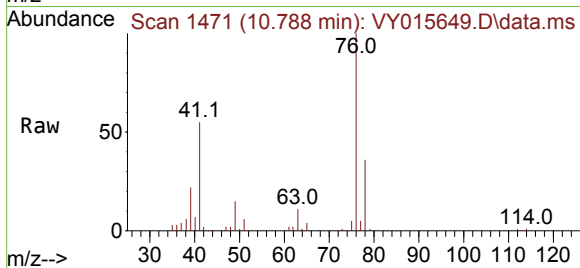
ClientSampleId :

Tgt Ion: 76 Resp: 54781

Ion Ratio Lower Upper

76 100

78 32.6 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 106.300 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.007 min

Lab File: VY015649.D

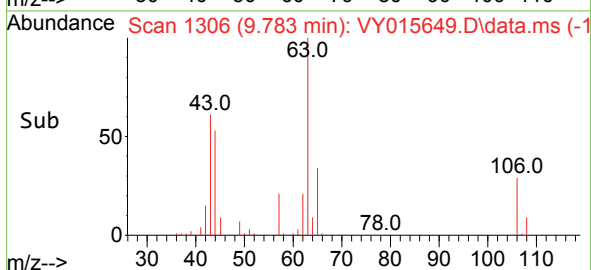
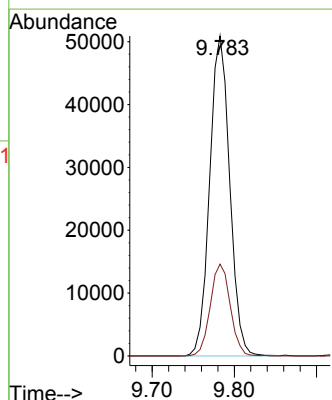
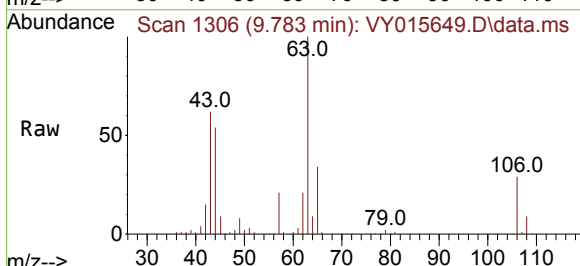
Acq: 20 Sep 2023 10:57

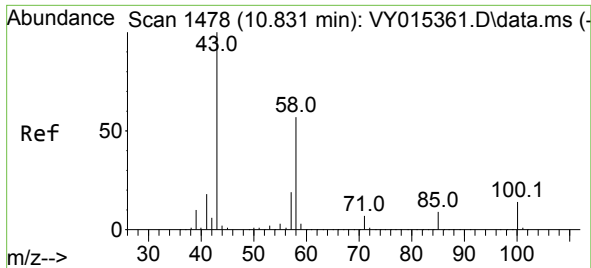
Tgt Ion: 63 Resp: 86118

Ion Ratio Lower Upper

63 100

106 28.6 21.2 31.8

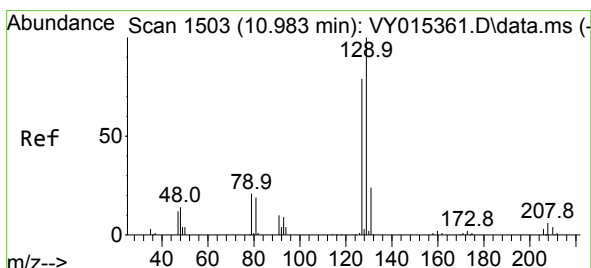
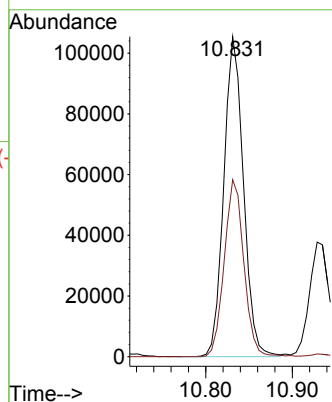
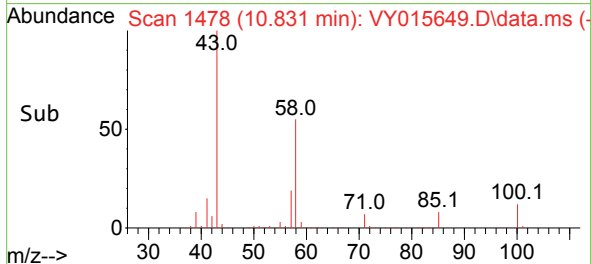
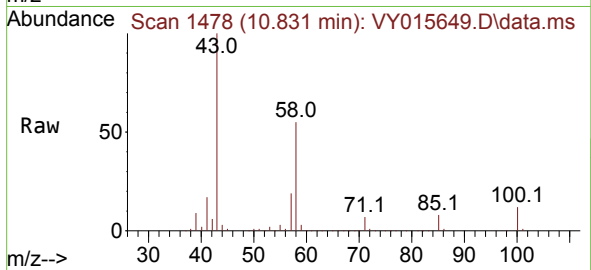




#59
2-Hexanone
Concen: 94.454 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015649.D
Acq: 20 Sep 2023 10:57

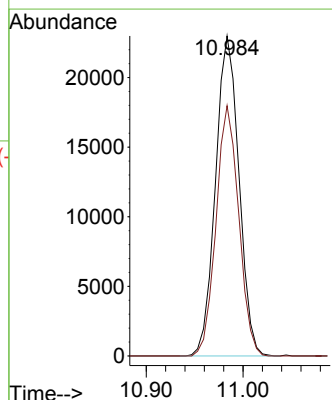
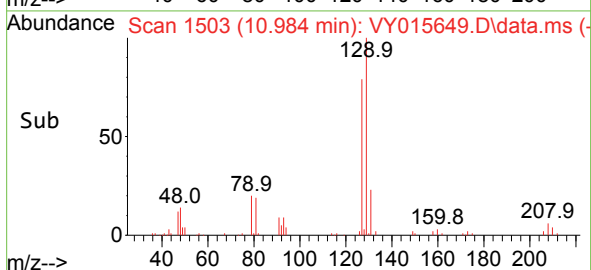
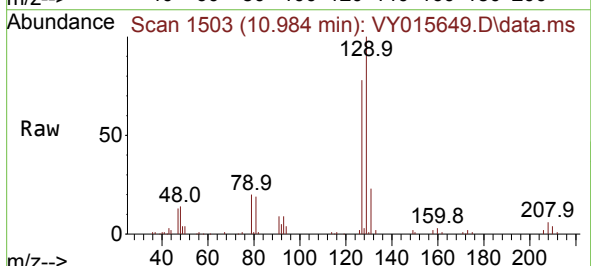
Instrument :
MSVOA_Y
ClientSampleId :

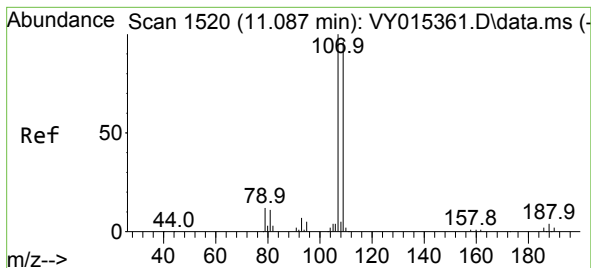
Tgt Ion: 43 Resp: 166138
Ion Ratio Lower Upper
43 100
58 55.3 25.1 75.3



#60
Dibromochloromethane
Concen: 19.133 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY015649.D
Acq: 20 Sep 2023 10:57

Tgt Ion:129 Resp: 38653
Ion Ratio Lower Upper
129 100
127 75.7 38.5 115.5

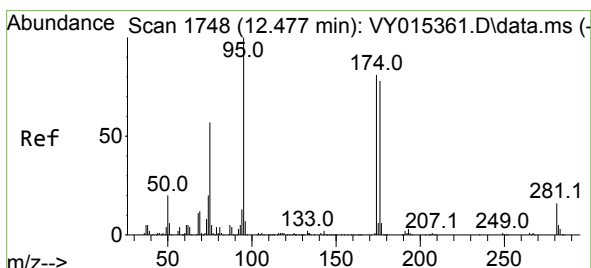
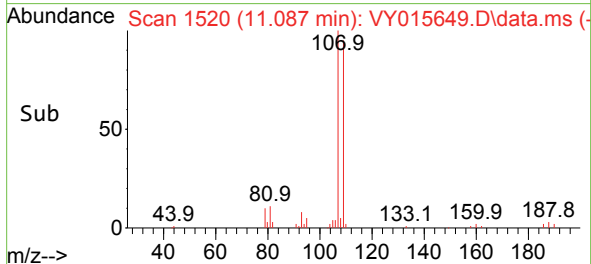
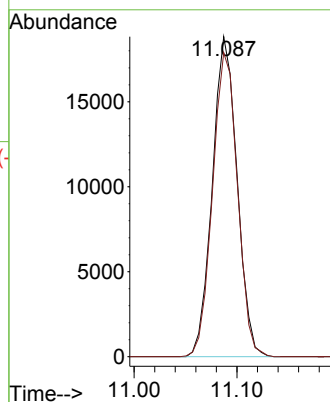
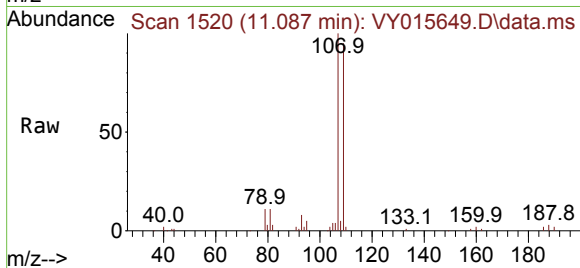




#61
1,2-Dibromoethane
Concen: 18.559 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015649.D
Acq: 20 Sep 2023 10:57

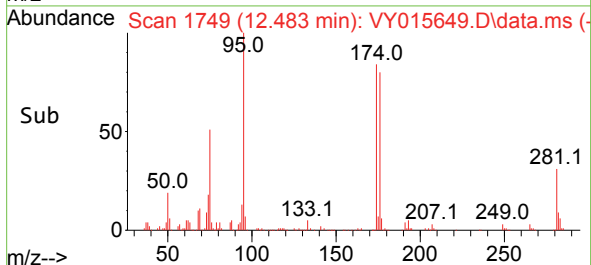
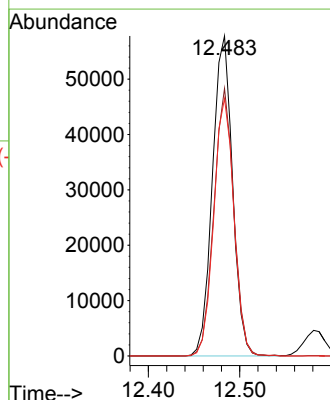
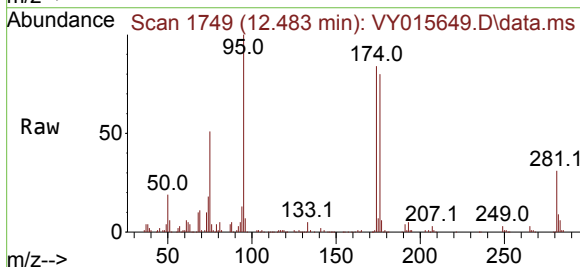
Instrument :
MSVOA_Y
ClientSampleId :

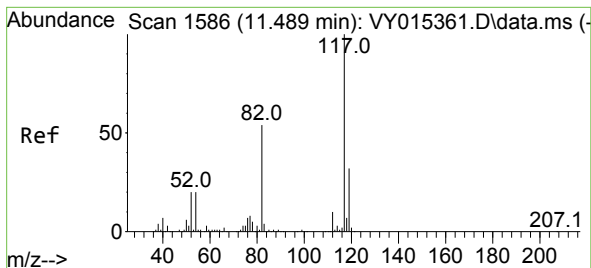
Tgt Ion:107 Resp: 31423
Ion Ratio Lower Upper
107 100
109 95.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 45.119 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015649.D
Acq: 20 Sep 2023 10:57

Tgt Ion: 95 Resp: 88146
Ion Ratio Lower Upper
95 100
174 82.9 0.0 178.2
176 80.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.001 min

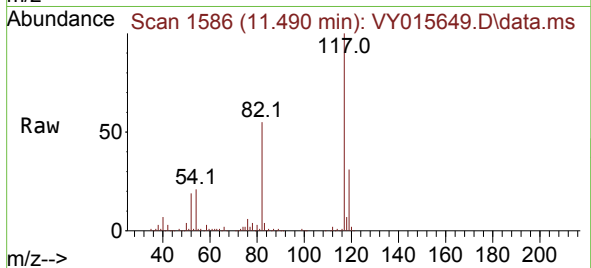
Lab File: VY015649.D

Acq: 20 Sep 2023 10:57

Instrument :

MSVOA_Y

ClientSampleId :



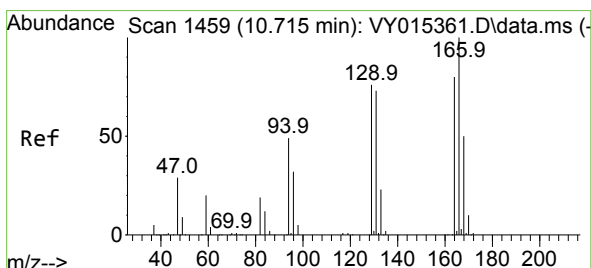
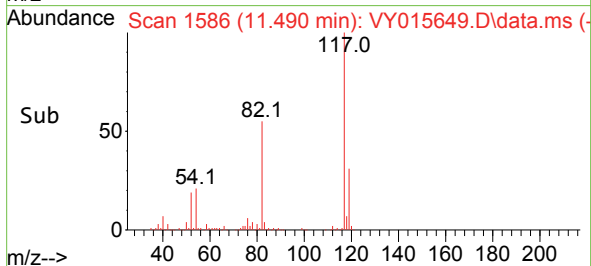
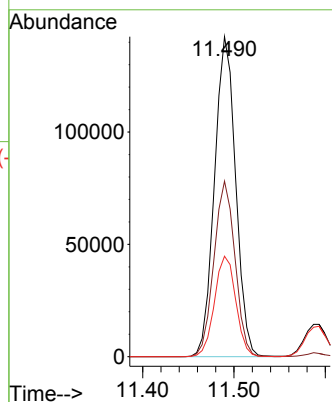
Tgt Ion:117 Resp: 229374

Ion Ratio Lower Upper

117 100

82 54.9 43.4 65.0

119 31.4 26.3 39.5



#64

Tetrachloroethene

Concen: 17.841 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY015649.D

Acq: 20 Sep 2023 10:57

Tgt Ion:164 Resp: 35110

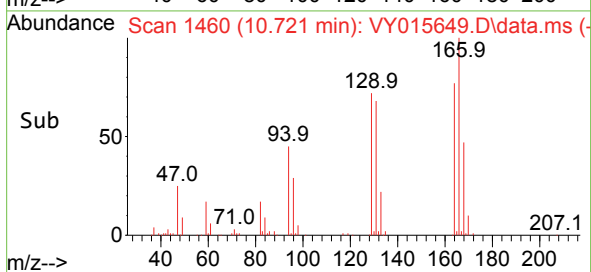
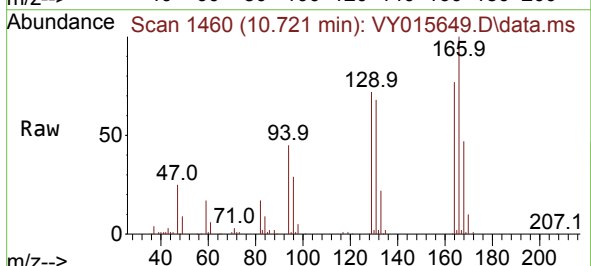
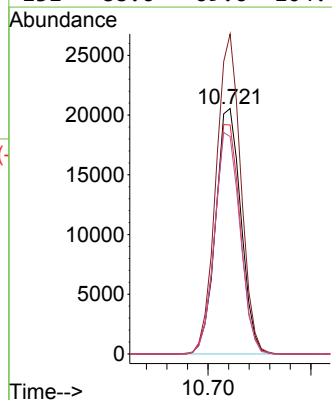
Ion Ratio Lower Upper

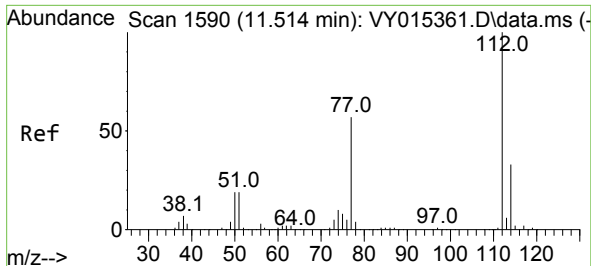
164 100

166 130.4 103.0 154.6

129 93.3 77.2 115.8

131 88.6 69.6 104.4

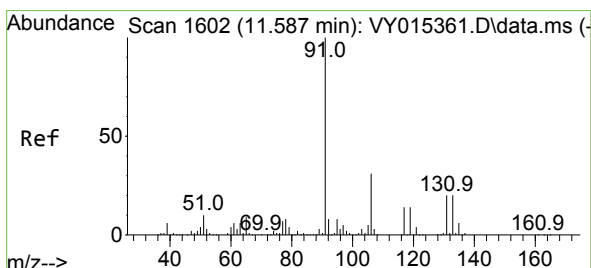
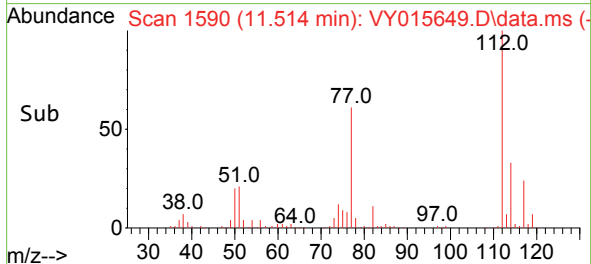
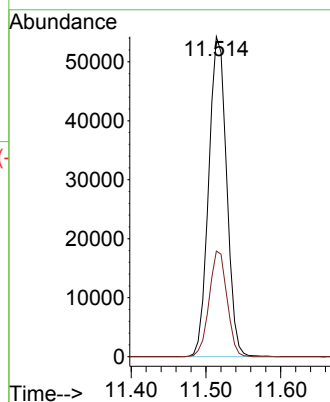
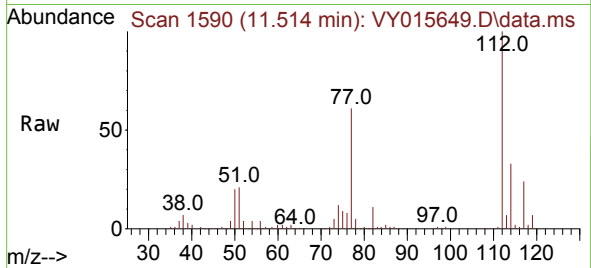




#65
Chlorobenzene
Concen: 18.041 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY015649.D
Acq: 20 Sep 2023 10:57

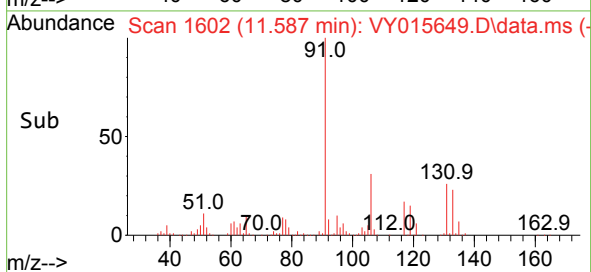
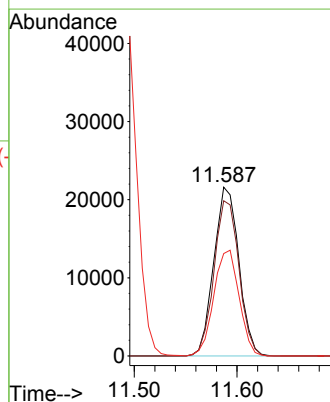
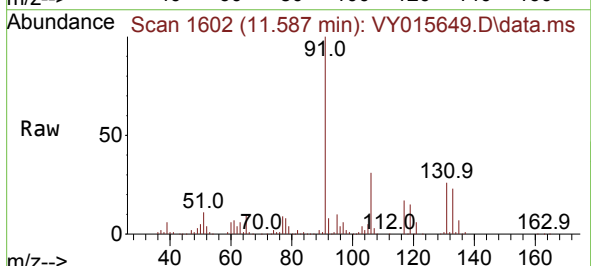
Instrument :
MSVOA_Y
ClientSampleId :

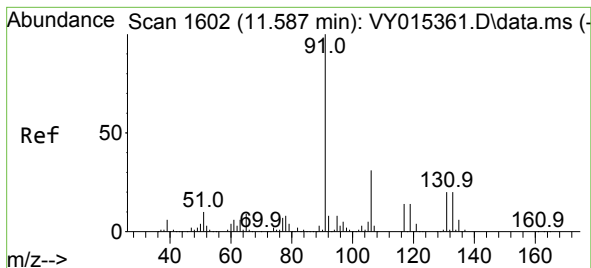
Tgt Ion:112 Resp: 90326
Ion Ratio Lower Upper
112 100
114 33.0 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 18.787 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY015649.D
Acq: 20 Sep 2023 10:57

Tgt Ion:131 Resp: 36537
Ion Ratio Lower Upper
131 100
133 91.7 47.5 142.6
119 63.4 31.6 94.7





#67

Ethyl Benzene

Concen: 17.649 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015649.D

Acq: 20 Sep 2023 10:57

Instrument :

MSVOA_Y

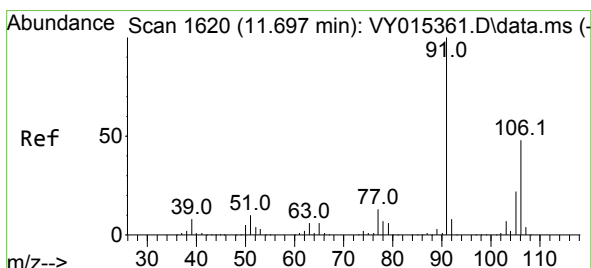
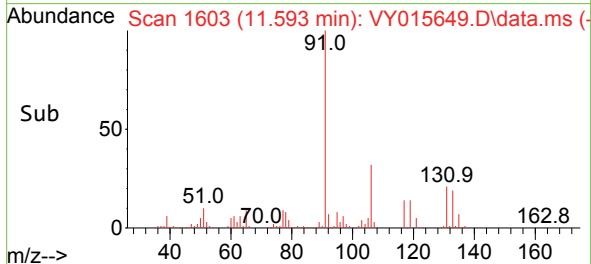
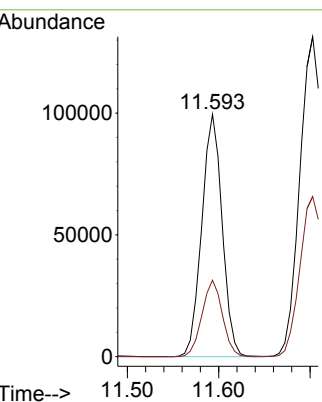
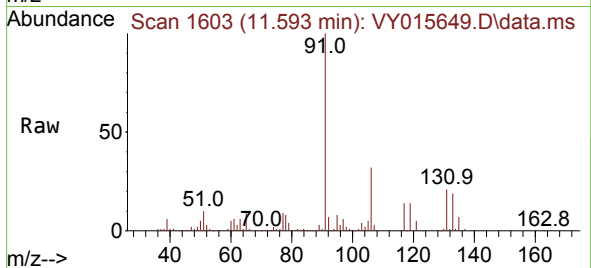
ClientSampleId :

Tgt Ion: 91 Resp: 154454

Ion Ratio Lower Upper

91 100

106 31.6 24.6 36.8



#68

m/p-Xylenes

Concen: 36.185 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY015649.D

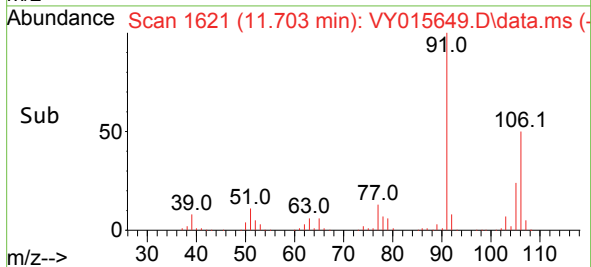
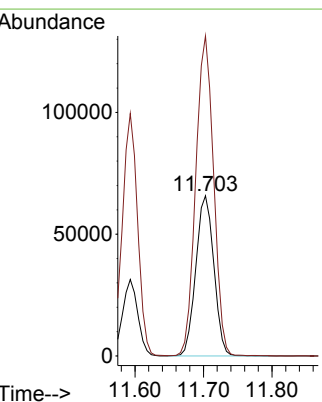
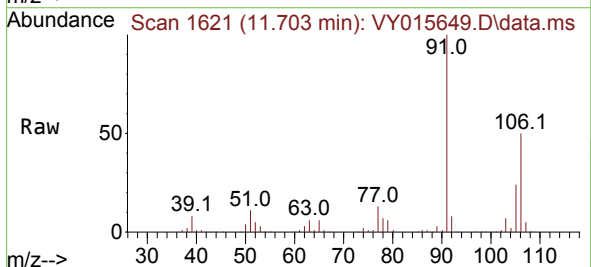
Acq: 20 Sep 2023 10:57

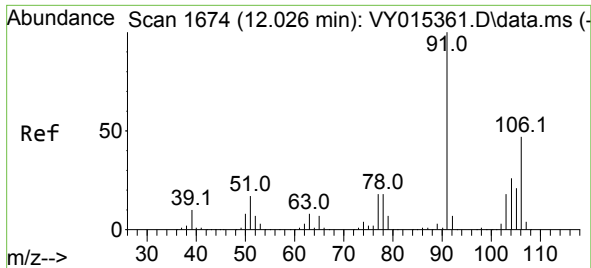
Tgt Ion:106 Resp: 120360

Ion Ratio Lower Upper

106 100

91 198.2 166.1 249.1

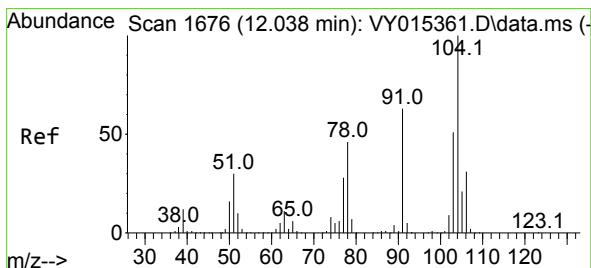
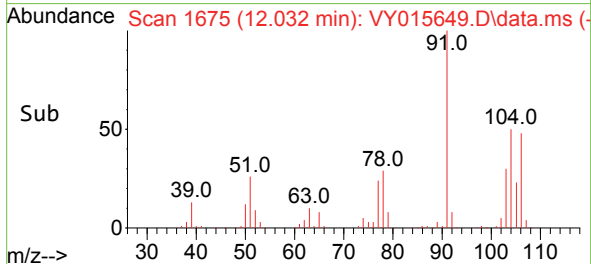
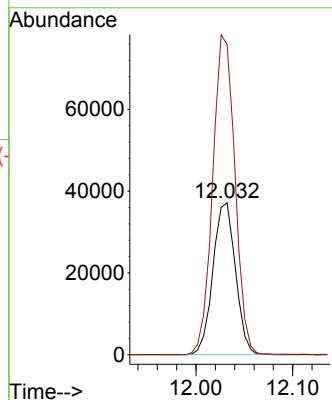
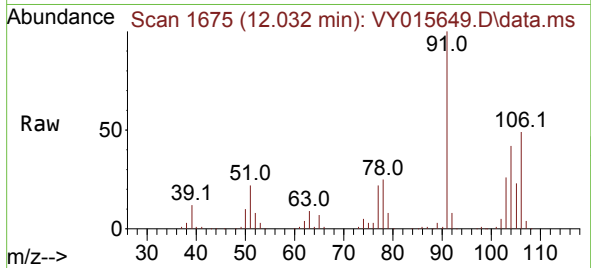




#69
o-Xylene
Concen: 18.433 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY015649.D
Acq: 20 Sep 2023 10:57

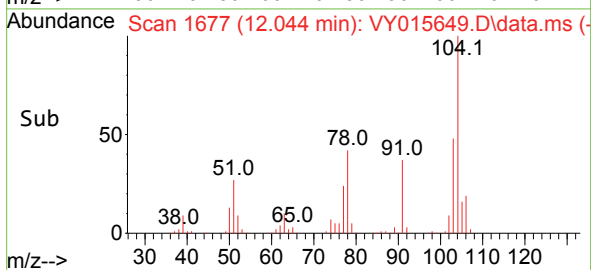
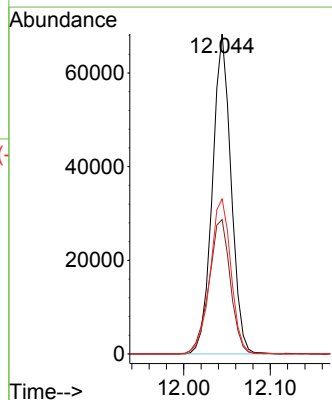
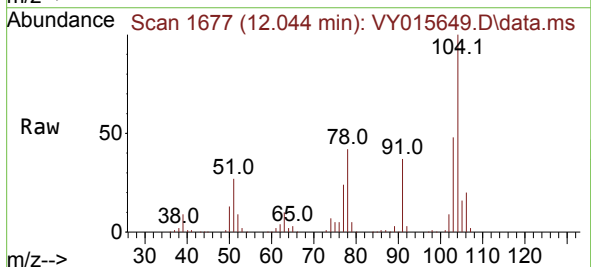
Instrument :
MSVOA_Y
ClientSampleId :

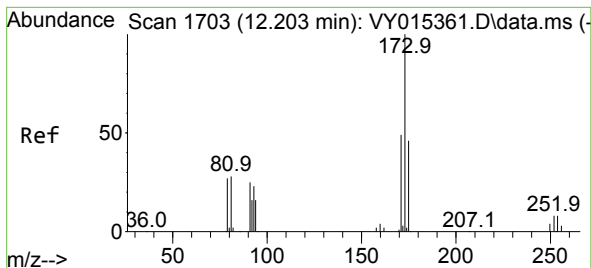
Tgt Ion:106 Resp: 60123
Ion Ratio Lower Upper
106 100
91 208.1 108.1 324.3



#70
Styrene
Concen: 18.351 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY015649.D
Acq: 20 Sep 2023 10:57

Tgt Ion:104 Resp: 102452
Ion Ratio Lower Upper
104 100
78 48.4 41.5 62.3
103 53.9 44.6 67.0





#71

Bromoform

Concen: 18.507 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

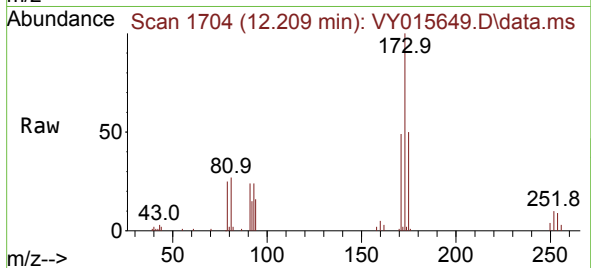
Lab File: VY015649.D

Acq: 20 Sep 2023 10:57

Instrument :

MSVOA_Y

ClientSampleId :



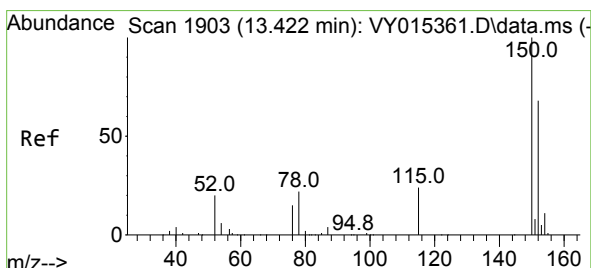
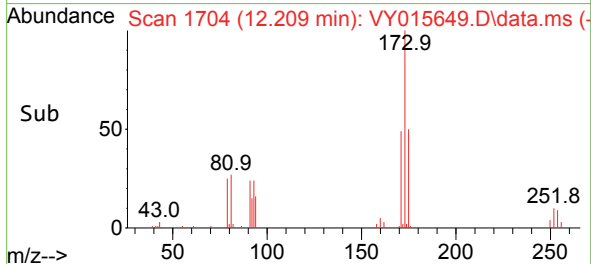
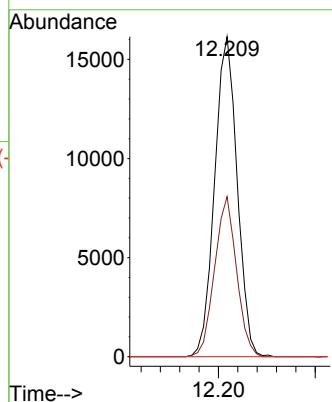
Tgt Ion:173 Resp: 26082

Ion Ratio Lower Upper

173 100

175 48.7 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY015649.D

Acq: 20 Sep 2023 10:57

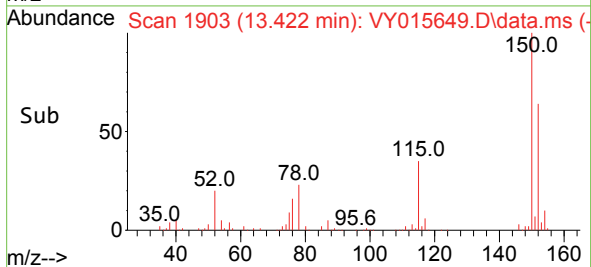
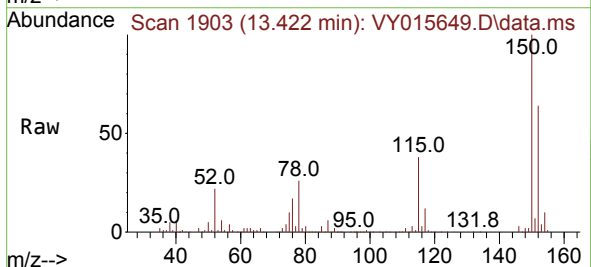
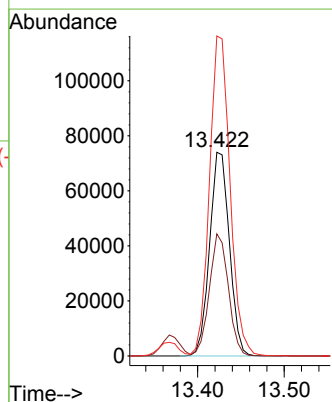
Tgt Ion:152 Resp: 117239

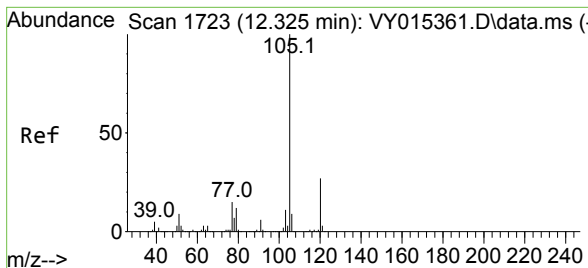
Ion Ratio Lower Upper

152 100

115 57.7 28.8 86.5

150 163.5 0.0 348.8





#73

Isopropylbenzene

Concen: 17.604 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015649.D

Acq: 20 Sep 2023 10:57

Instrument :

MSVOA_Y

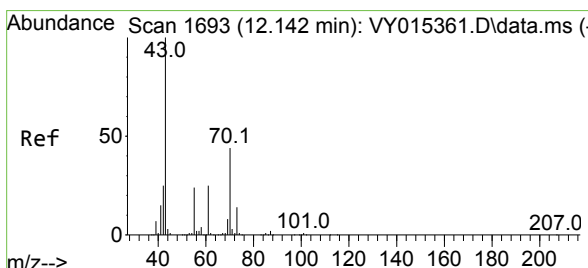
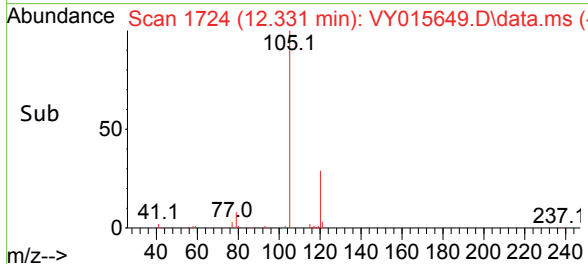
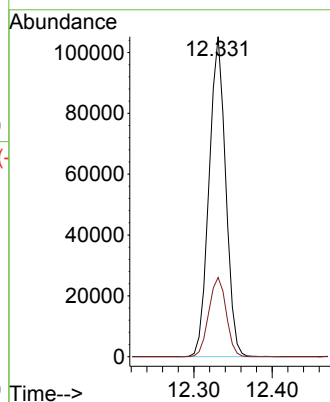
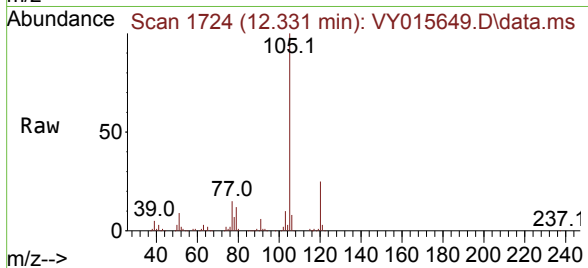
ClientSampleId :

Tgt Ion:105 Resp: 154828

Ion Ratio Lower Upper

105 100

120 25.9 13.3 39.9



#74

N-ethyl acetate

Concen: 17.861 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY015649.D

Acq: 20 Sep 2023 10:57

Tgt Ion: 43 Resp: 59040

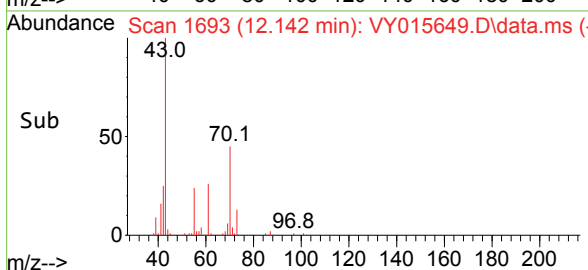
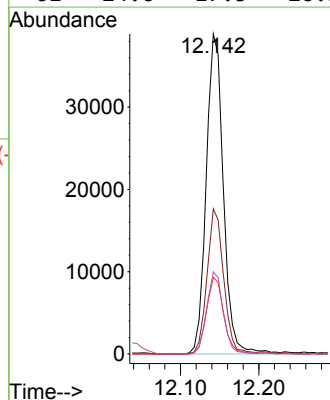
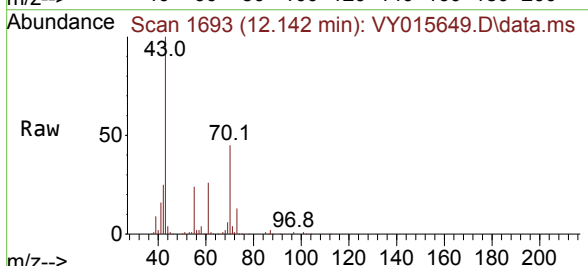
Ion Ratio Lower Upper

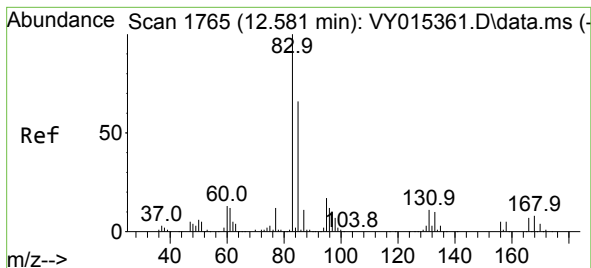
43 100

70 44.0 29.7 44.5

55 24.1 18.3 27.5

61 24.6 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 18.112 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY015649.D

Acq: 20 Sep 2023 10:57

Instrument :

MSVOA_Y

ClientSampleId :

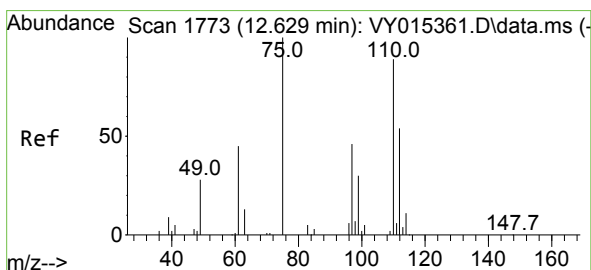
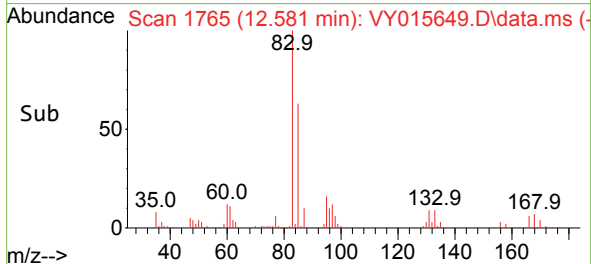
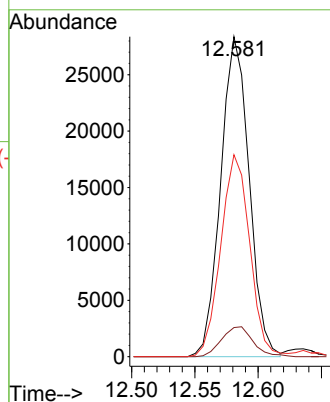
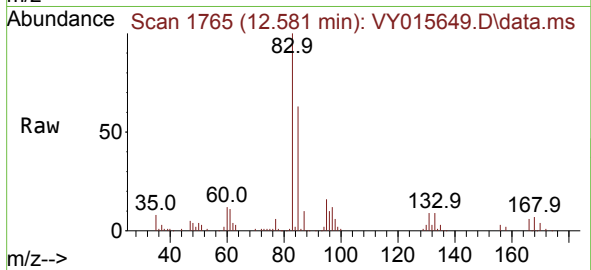
Tgt Ion: 83 Resp: 44334

Ion Ratio Lower Upper

83 100

131 10.4 5.4 16.2

85 64.4 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 30.445 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.001 min

Lab File: VY015649.D

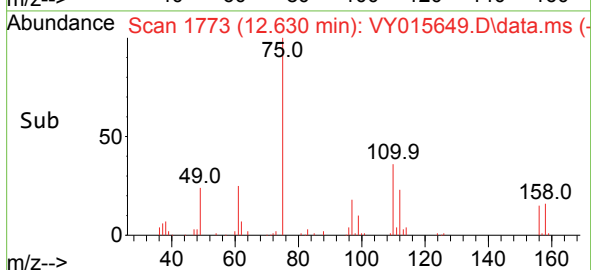
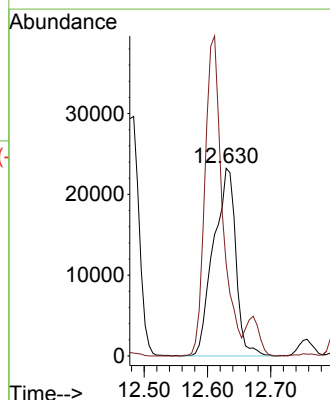
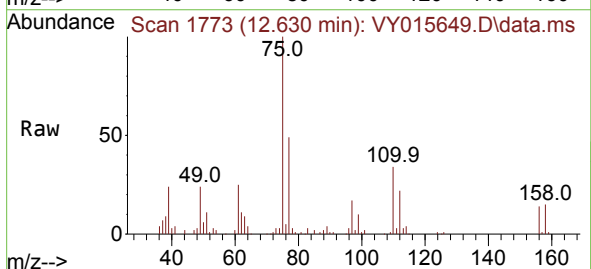
Acq: 20 Sep 2023 10:57

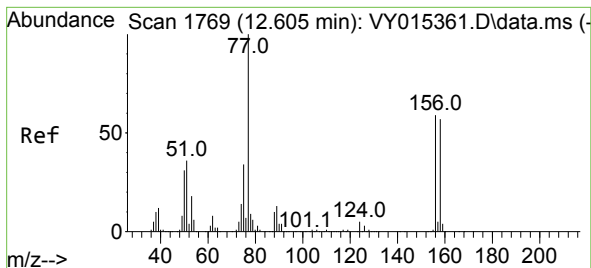
Tgt Ion: 75 Resp: 56943

Ion Ratio Lower Upper

75 100

77 133.7 0.0 0.0#





#77

Bromobenzene

Concen: 18.035 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY015649.D

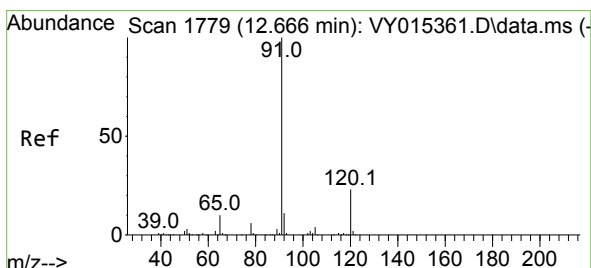
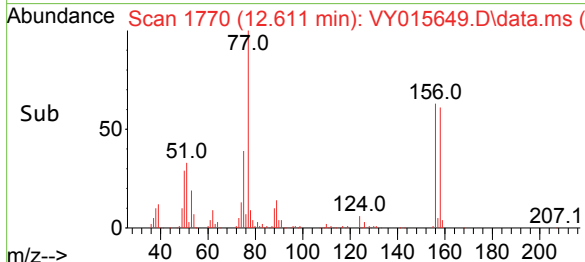
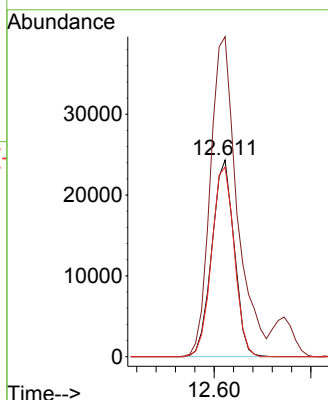
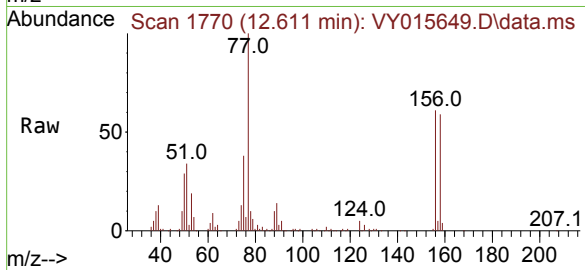
Acq: 20 Sep 2023 10:57

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	38936
Ion Ratio	Lower	Upper	
156	100		
77	195.6	92.8	278.6
158	98.0	48.4	145.3



#78

n-propylbenzene

Concen: 17.383 ug/l

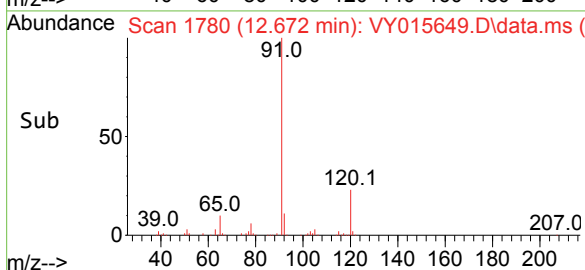
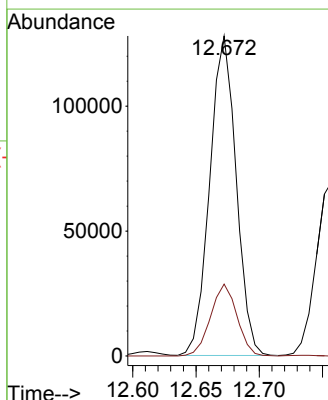
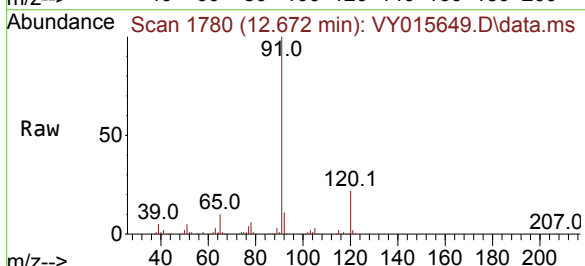
RT: 12.672 min Scan# 1780

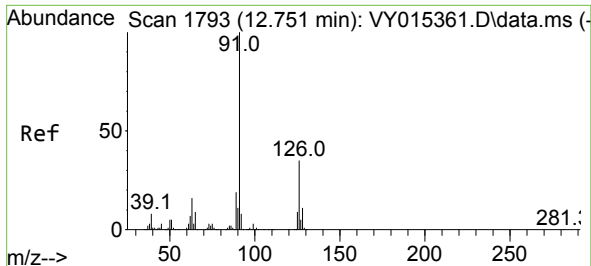
Delta R.T. 0.006 min

Lab File: VY015649.D

Acq: 20 Sep 2023 10:57

Tgt Ion:	91	Resp:	185736
Ion Ratio	Lower	Upper	
91	100		
120	22.5	11.5	34.4





#79

2-Chlorotoluene

Concen: 17.784 ug/l

RT: 12.758 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY015649.D

Acq: 20 Sep 2023 10:57

Instrument :

MSVOA_Y

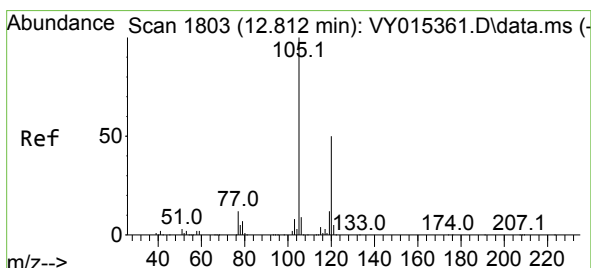
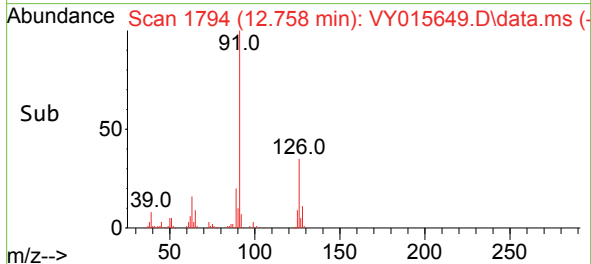
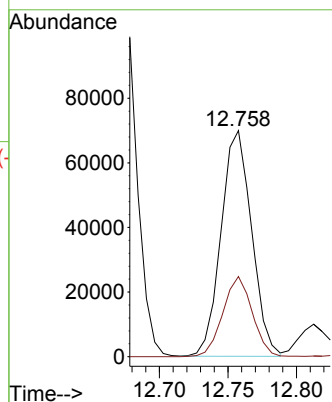
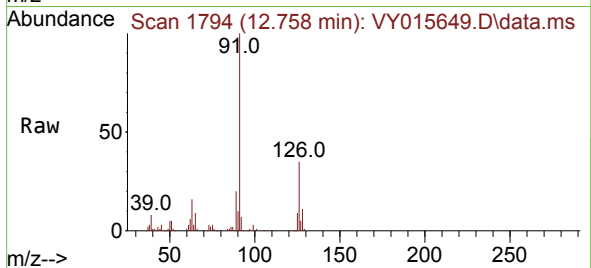
ClientSampleId :

Tgt Ion: 91 Resp: 108314

Ion Ratio Lower Upper

91 100

126 34.3 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 17.819 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY015649.D

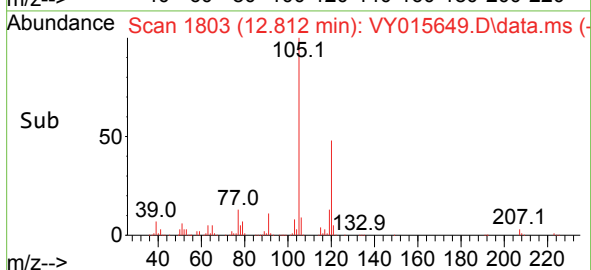
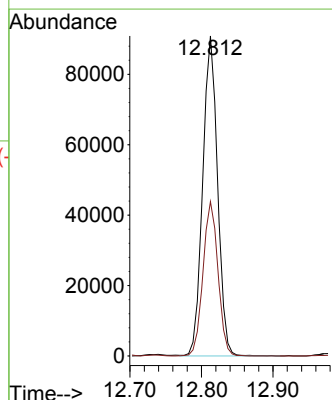
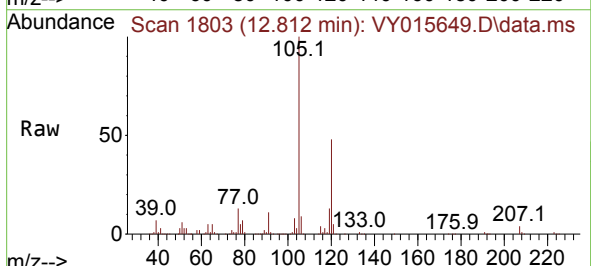
Acq: 20 Sep 2023 10:57

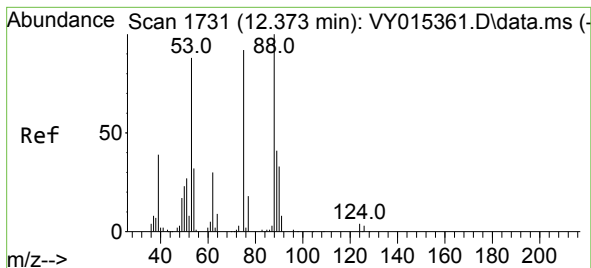
Tgt Ion: 105 Resp: 131196

Ion Ratio Lower Upper

105 100

120 48.7 23.9 71.7

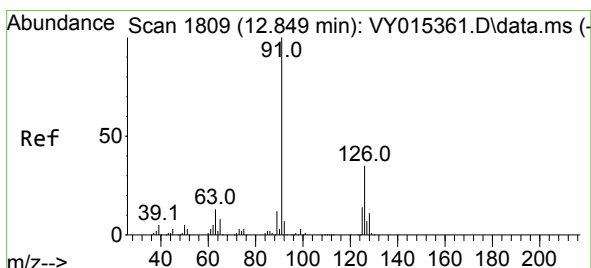
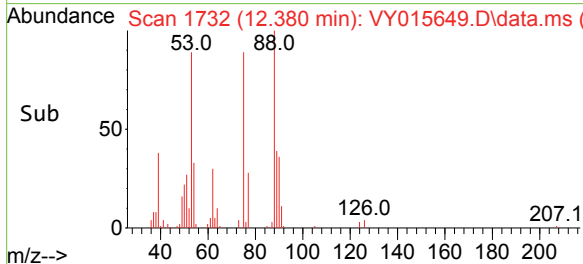
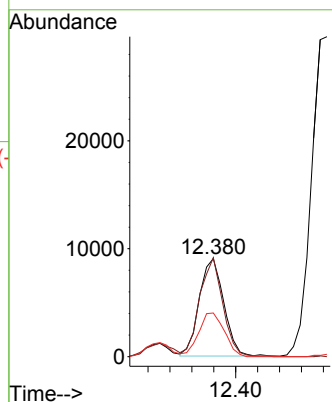
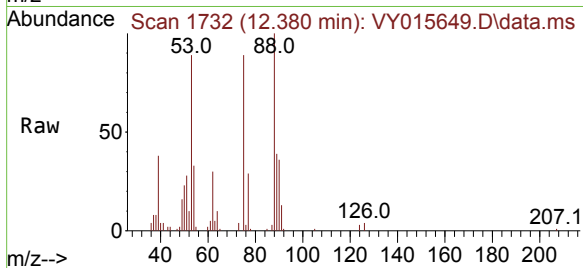




#81
trans-1,4-Dichloro-2-butene
Concen: 16.852 ug/l
RT: 12.380 min Scan# 1731
Delta R.T. -0.000 min
Lab File: VY015649.D
Acq: 20 Sep 2023 10:57

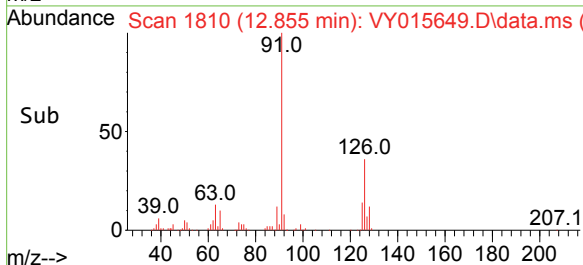
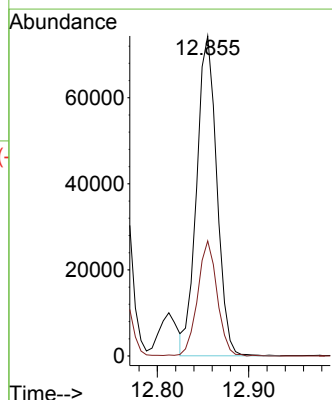
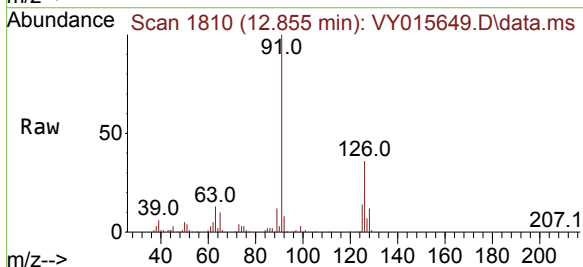
Instrument :
MSVOA_Y
ClientSampleId :

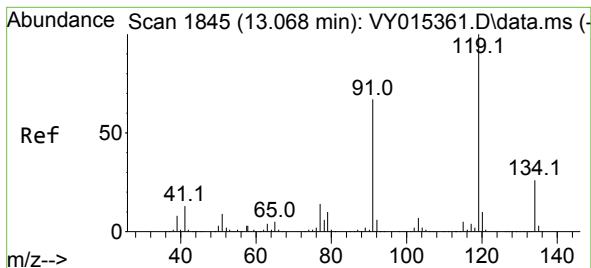
Tgt Ion: 75 Resp: 13997
Ion Ratio Lower Upper
75 100
53 96.6 77.8 116.8
89 47.3 37.4 56.0



#82
4-Chlorotoluene
Concen: 17.882 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY015649.D
Acq: 20 Sep 2023 10:57

Tgt Ion: 91 Resp: 113692
Ion Ratio Lower Upper
91 100
126 35.0 17.2 51.6





#83

tert-Butylbenzene

Concen: 17.487 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY015649.D

Acq: 20 Sep 2023 10:57

Instrument :

MSVOA_Y

ClientSampleId :

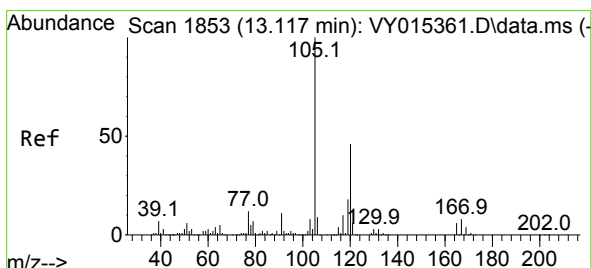
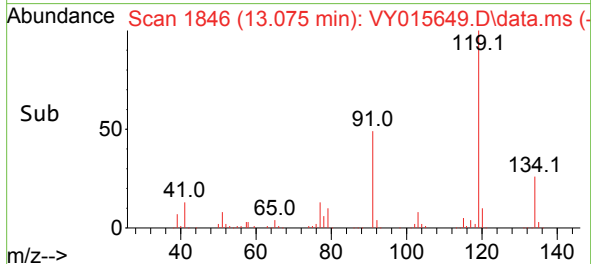
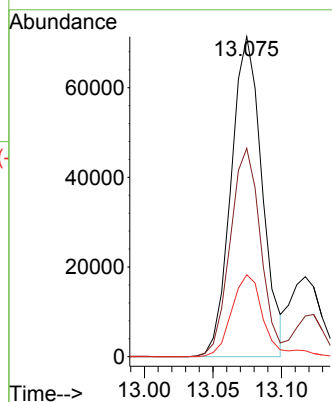
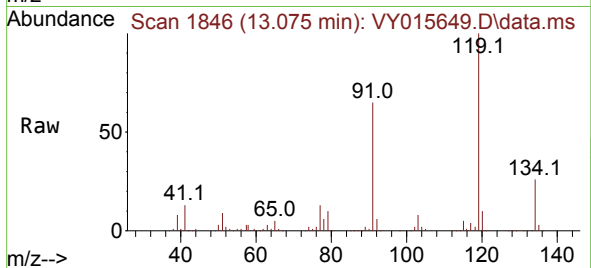
Tgt Ion:119 Resp: 112770

Ion Ratio Lower Upper

119 100

91 63.8 32.9 98.6

134 26.6 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 17.973 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY015649.D

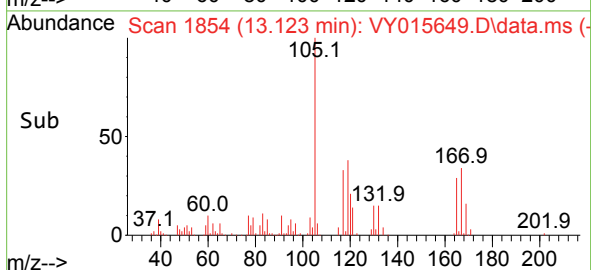
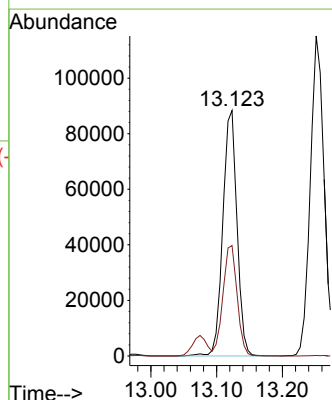
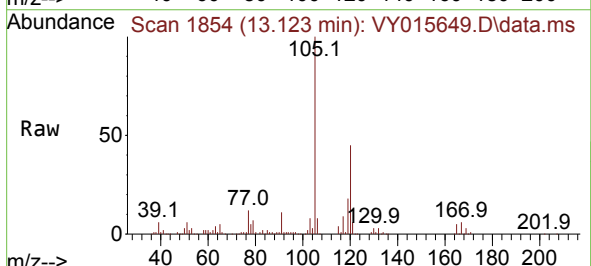
Acq: 20 Sep 2023 10:57

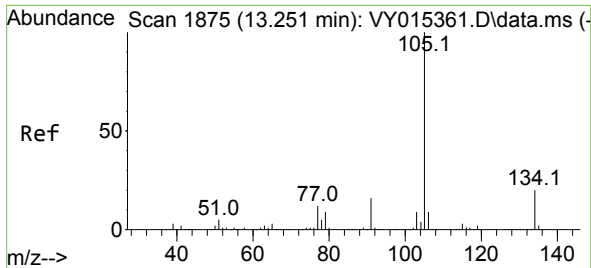
Tgt Ion:105 Resp: 132411

Ion Ratio Lower Upper

105 100

120 45.1 22.2 66.6

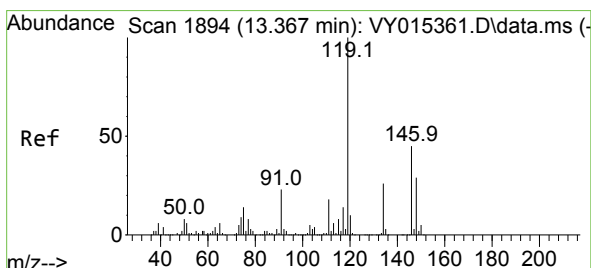
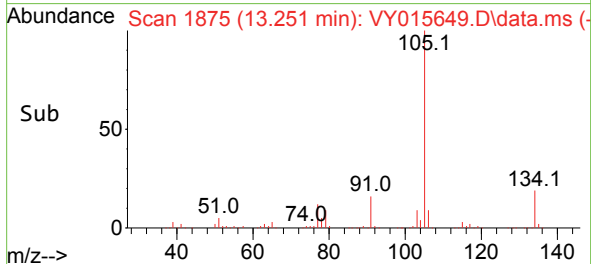
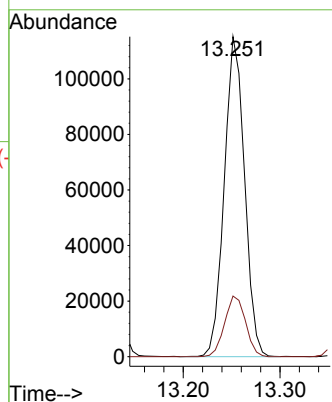
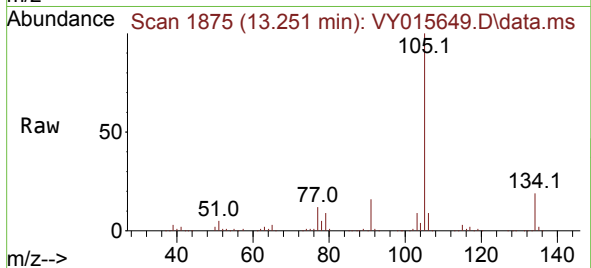




#85
 sec-Butylbenzene
 Concen: 17.357 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY015649.D
 Acq: 20 Sep 2023 10:57

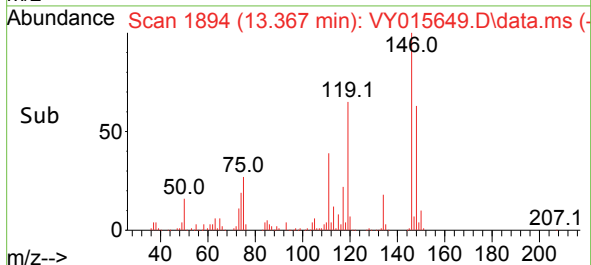
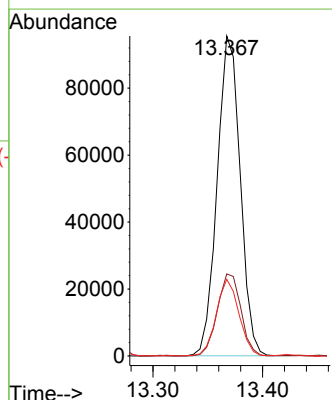
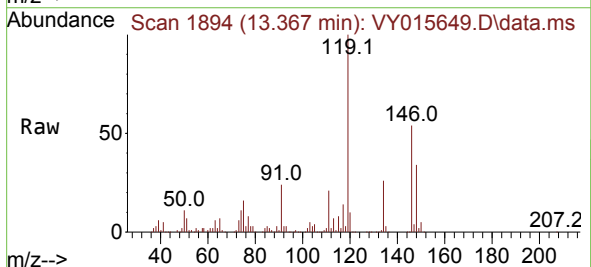
Instrument :
 MSVOA_Y
 ClientSampleId :

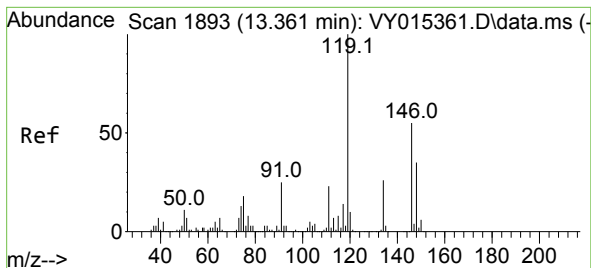
Tgt Ion:105 Resp: 167505
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 17.328 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY015649.D
 Acq: 20 Sep 2023 10:57

Tgt Ion:119 Resp: 139689
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.3 39.8
 91 23.4 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 18.083 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015649.D

Acq: 20 Sep 2023 10:57

Instrument :

MSVOA_Y

ClientSampleId :

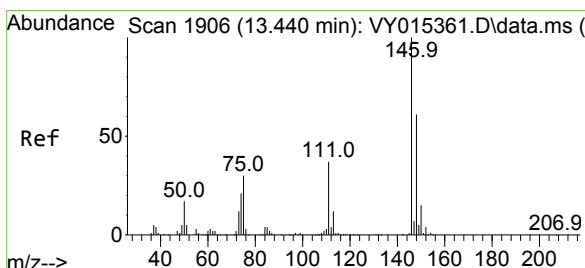
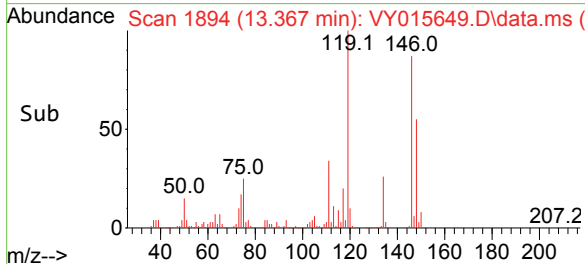
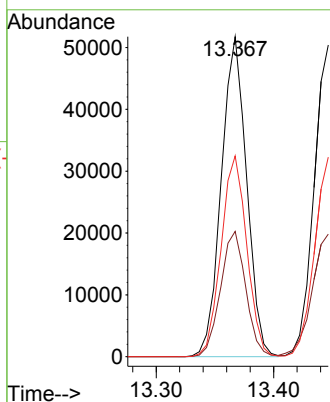
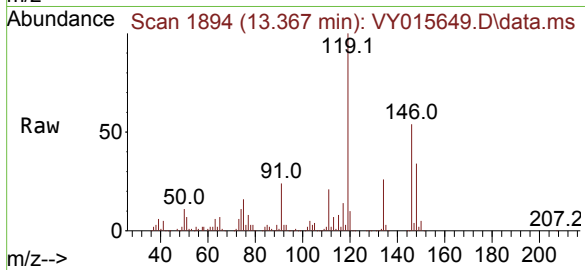
Tgt Ion:146 Resp: 77450

Ion Ratio Lower Upper

146 100

111 39.2 19.4 58.2

148 63.6 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 18.270 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.001 min

Lab File: VY015649.D

Acq: 20 Sep 2023 10:57

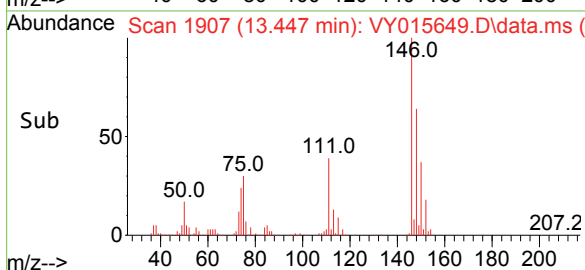
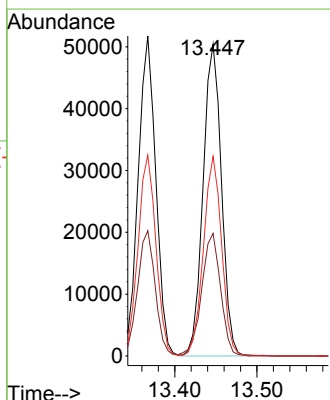
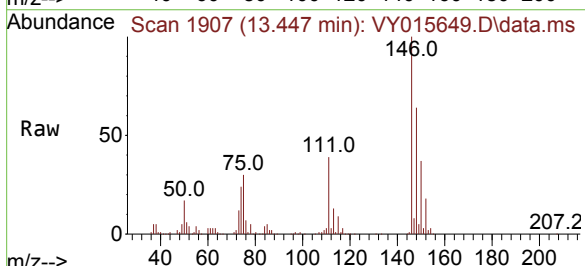
Tgt Ion:146 Resp: 78259

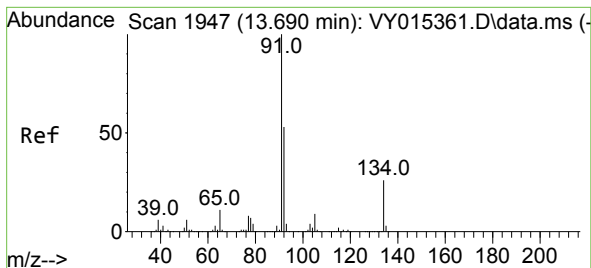
Ion Ratio Lower Upper

146 100

111 40.8 18.9 56.7

148 63.4 32.1 96.5





#89

n-Butylbenzene

Concen: 17.521 ug/l

RT: 13.696 min Scan# 1947

Delta R.T. 0.000 min

Lab File: VY015649.D

Acq: 20 Sep 2023 10:57

Instrument :

MSVOA_Y

ClientSampleId :

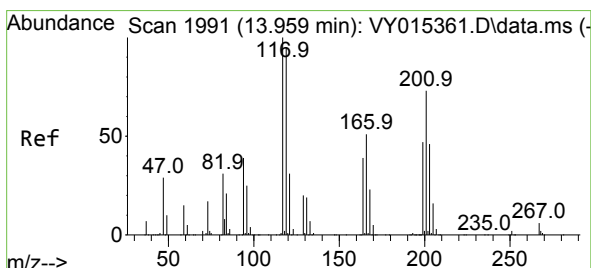
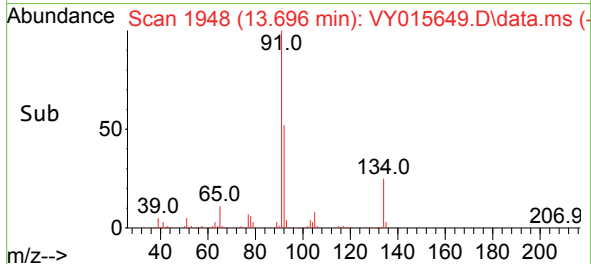
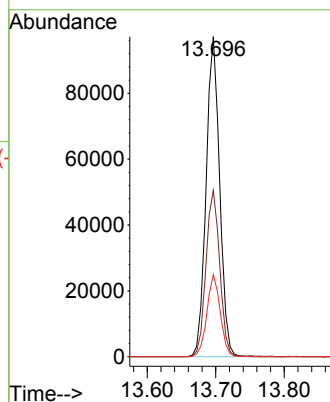
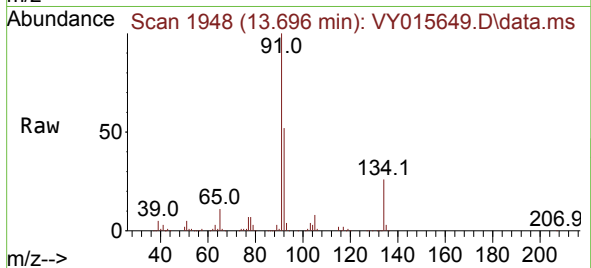
Tgt Ion: 91 Resp: 133747

Ion Ratio Lower Upper

91 100

92 52.7 25.4 76.0

134 25.3 12.6 37.6



#90

Hexachloroethane

Concen: 17.343 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY015649.D

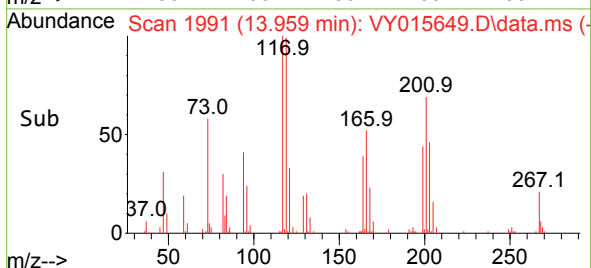
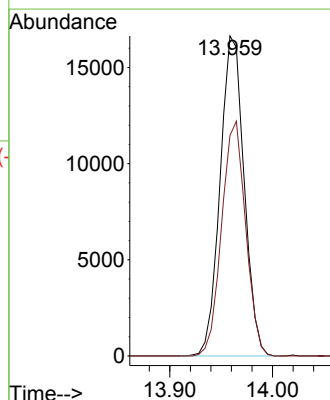
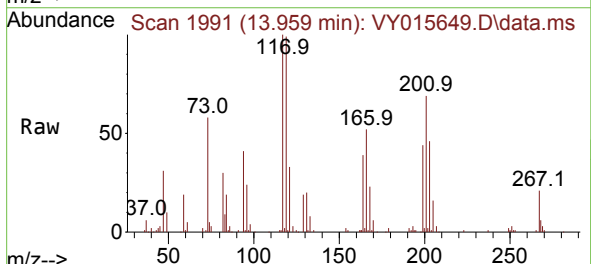
Acq: 20 Sep 2023 10:57

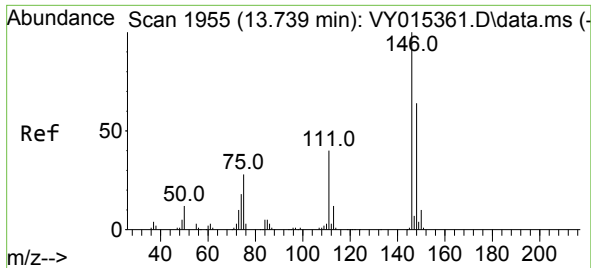
Tgt Ion: 117 Resp: 26983

Ion Ratio Lower Upper

117 100

201 73.3 41.6 124.8

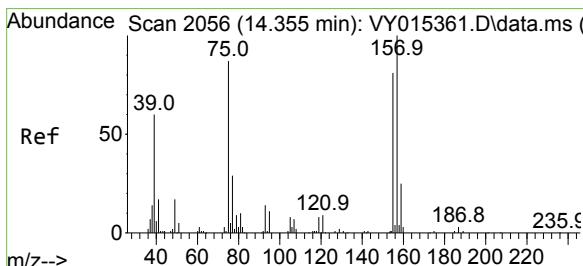
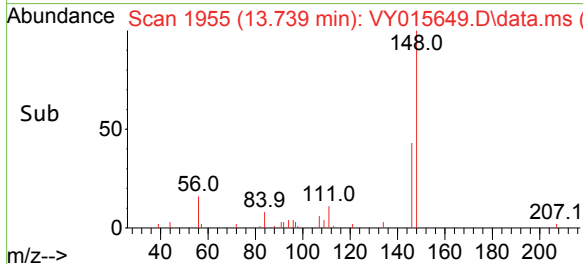
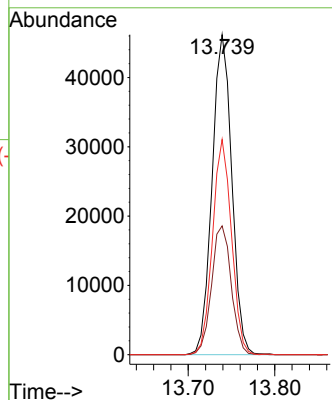
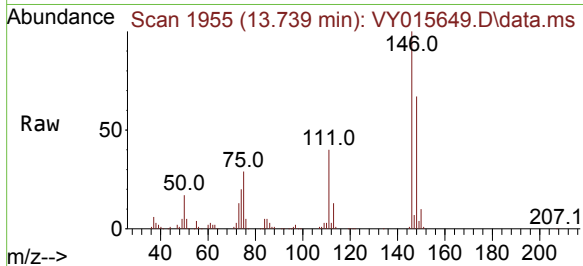




#91
 1,2-Dichlorobenzene
 Concen: 18.429 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY015649.D
 Acq: 20 Sep 2023 10:57

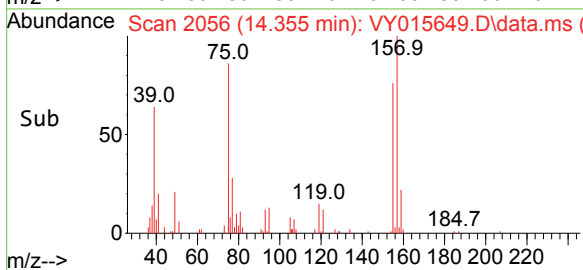
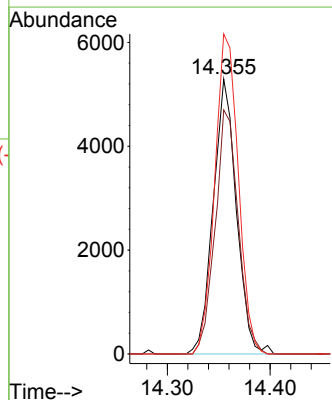
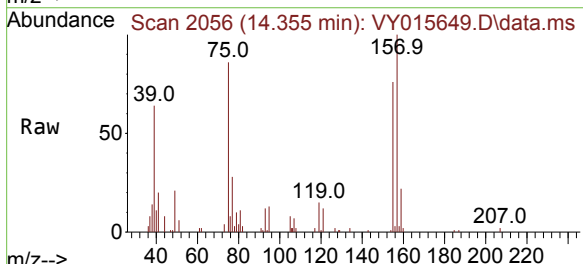
Instrument :
 MSVOA_Y
 ClientSampleId :

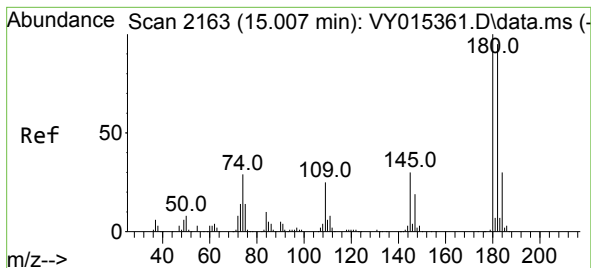
Tgt Ion:146 Resp: 72861
 Ion Ratio Lower Upper
 146 100
 111 40.4 19.7 59.0
 148 64.8 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.032 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.000 min
 Lab File: VY015649.D
 Acq: 20 Sep 2023 10:57

Tgt Ion: 75 Resp: 8280
 Ion Ratio Lower Upper
 75 100
 155 88.6 41.5 124.6
 157 118.1 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 18.087 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY015649.D

Acq: 20 Sep 2023 10:57

Instrument :

MSVOA_Y

ClientSampleId :

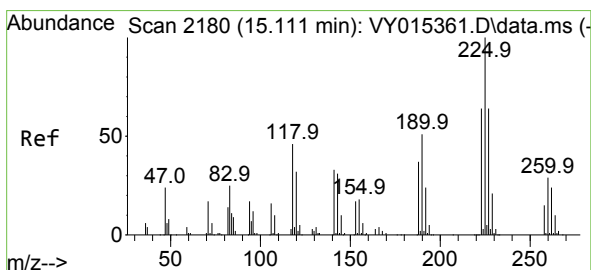
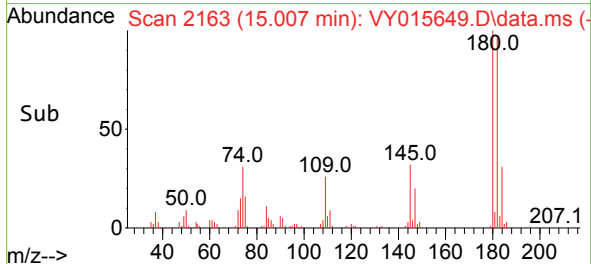
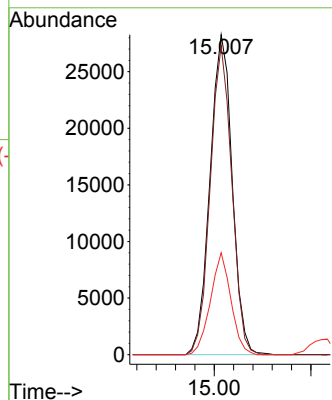
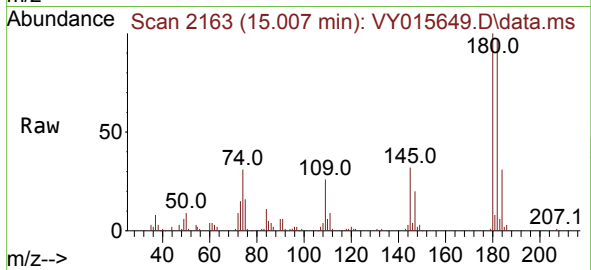
Tgt Ion:180 Resp: 45018

Ion Ratio Lower Upper

180 100

182 93.5 47.0 141.2

145 29.4 14.5 43.5



#94

Hexachlorobutadiene

Concen: 17.432 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY015649.D

Acq: 20 Sep 2023 10:57

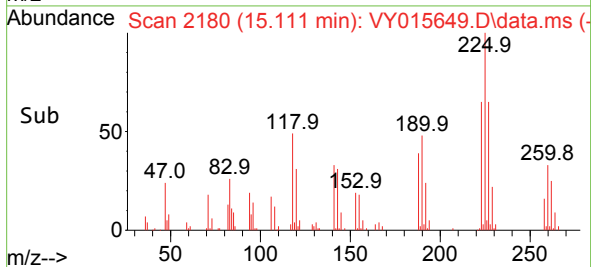
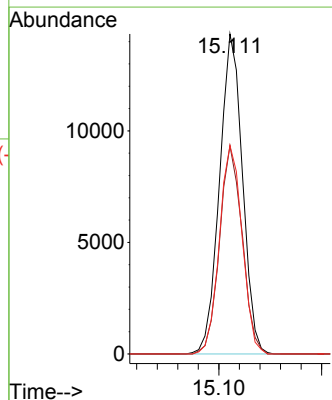
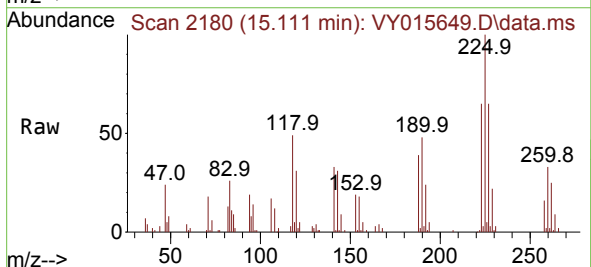
Tgt Ion:225 Resp: 22219

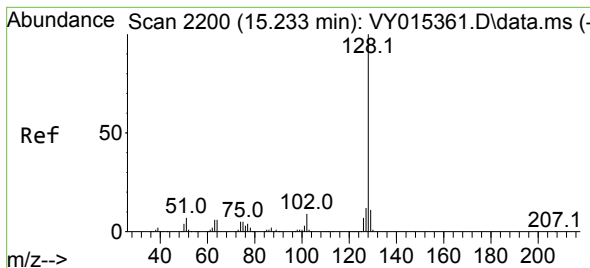
Ion Ratio Lower Upper

225 100

223 64.0 31.9 95.9

227 64.4 33.0 98.9





#95

Naphthalene

Concen: 17.438 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY015649.D

Acq: 20 Sep 2023 10:57

Instrument :

MSVOA_Y

ClientSampleId :

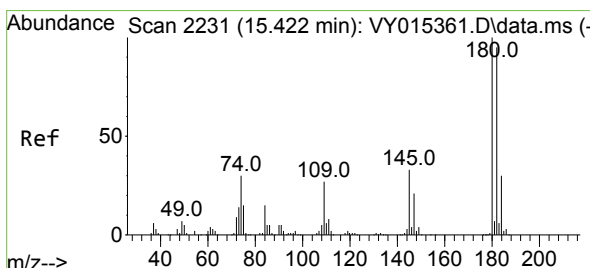
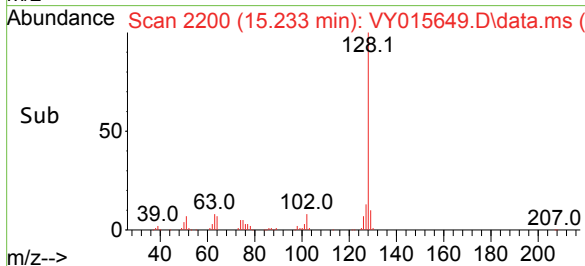
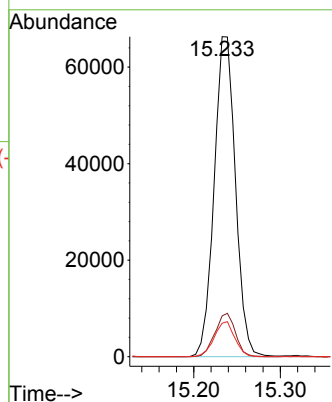
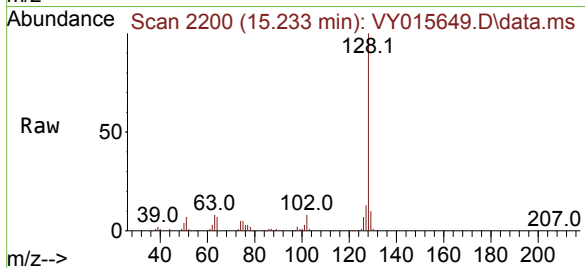
Tgt Ion:128 Resp: 113175

Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 17.966 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY015649.D

Acq: 20 Sep 2023 10:57

Tgt Ion:180 Resp: 41273

Ion Ratio Lower Upper

180 100

182 95.9 47.3 141.8

145 32.5 15.4 46.2

