

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101023\
 Data File : VY015910.D
 Acq On : 10 Oct 2023 20:21
 Operator : SY/MD
 Sample : 04805-03MSD
 Misc : 5.29g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 11 01:26:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 10 07:06:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	139824	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	222883	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	147400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	38294	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	61645	48.997	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.000%
35) Dibromofluoromethane	7.734	113	63503	51.081	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.160%
50) Toluene-d8	10.191	98	189563	46.267	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.540%
62) 4-Bromofluorobenzene	12.489	95	45540	27.365	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	54.720%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	36174	64.681	ug/l	96
3) Chloromethane	2.125	50	37798	66.074	ug/l	96
4) Vinyl Chloride	2.259	62	47581	65.215	ug/l	97
5) Bromomethane	2.662	94	36164	60.449	ug/l	98
6) Chloroethane	2.808	64	36035	62.898	ug/l	97
7) Trichlorofluoromethane	3.137	101	97039	62.681	ug/l	96
8) Diethyl Ether	3.546	74	38293	58.466	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.912	101	61502	58.537	ug/l	94
10) Methyl Iodide	4.107	142	48312	45.941	ug/l	97
11) Tert butyl alcohol	4.978	59	40773	135.318	ug/l #	79
12) 1,1-Dichloroethene	3.887	96	49397	61.123	ug/l	92
13) Acrolein	3.747	56	374	4.864	ug/l #	14
14) Allyl chloride	4.497	41	60328	40.488	ug/l	94
15) Acrylonitrile	5.180	53	113342	251.658	ug/l	99
16) Acetone	3.960	43	200897	400.180	ug/l	89
17) Carbon Disulfide	4.216	76	67608	55.640	ug/l	98
18) Methyl Acetate	4.497	43	157648	92.429	ug/l	93
19) Methyl tert-butyl Ether	5.241	73	210988	57.612	ug/l	99
20) Methylene Chloride	4.735	84	75354	59.409	ug/l	93
21) trans-1,2-Dichloroethene	5.241	96	47570	50.727	ug/l	94
22) Diisopropyl ether	6.137	45	235841	59.175	ug/l #	85
23) Vinyl Acetate	6.137	43	151785	69.260	ug/l #	76
24) 1,1-Dichloroethane	6.039	63	129565	59.017	ug/l	96
25) 2-Butanone	7.002	43	189728	274.903	ug/l	93
26) 2,2-Dichloropropane	7.002	77	107268	52.539	ug/l	98
27) cis-1,2-Dichloroethene	7.002	96	72476	52.364	ug/l	93
28) Bromochloromethane	7.350	49	64988	51.362	ug/l	95
29) Tetrahydrofuran	7.368	42	96458	255.480	ug/l	92
30) Chloroform	7.521	83	137548	56.171	ug/l	96
31) Cyclohexane	7.801	56	61525	45.660	ug/l	96
32) 1,1,1-Trichloroethane	7.716	97	113754	56.883	ug/l	97
36) 1,1-Dichloropropene	7.935	75	73107	53.097	ug/l	99
37) Ethyl Acetate	7.094	43	49058	41.487	ug/l	96
38) Carbon Tetrachloride	7.917	117	92578	55.988	ug/l	99
39) Methylcyclohexane	9.197	83	54807	39.188	ug/l	93
40) Benzene	8.173	78	275766	63.732	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	34692	47.168	ug/l	96
42) 1,2-Dichloroethane	8.252	62	83063	56.315	ug/l	93
43) Isopropyl Acetate	8.283	43	105050	47.993	ug/l	93
44) Trichloroethene	8.953	130	61701	49.279	ug/l	99
45) 1,2-Dichloropropane	9.228	63	75724	58.183	ug/l	97
46) Dibromomethane	9.313	93	39630	51.168	ug/l	96
47) Bromodichloromethane	9.508	83	103742	53.858	ug/l	97
48) Methyl methacrylate	9.301	41	56028	57.961	ug/l	88
49) 1,4-Dioxane	9.307	88	14262	1059.310	ug/l #	65
51) 4-Methyl-2-Pentanone	10.081	43	339850	259.511	ug/l	90
52) Toluene	10.252	92	146621	51.048	ug/l	96
53) t-1,3-Dichloropropene	10.477	75	82571	42.402	ug/l	100
54) cis-1,3-Dichloropropene	9.941	75	99540	47.057	ug/l	90
55) 1,1,2-Trichloroethane	10.654	97	66095	53.595	ug/l	97
56) Ethyl methacrylate	10.520	69	84283	50.340	ug/l #	84
57) 1,3-Dichloropropane	10.801	76	105061	52.840	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	237930	233.154	ug/l	95
59) 2-Hexanone	10.843	43	226017	228.124	ug/l	89
60) Dibromochloromethane	10.996	129	71022	48.039	ug/l	99
61) 1,2-Dibromoethane	11.099	107	53621	47.606	ug/l	100
64) Tetrachloroethene	10.727	164	45187	46.975	ug/l	97
65) Chlorobenzene	11.526	112	135035	52.521	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	65831	62.644	ug/l	97
67) Ethyl Benzene	11.599	91	237680	53.885	ug/l	99
68) m/p-Xylenes	11.709	106	172513	103.794	ug/l	96
69) o-Xylene	12.038	106	91671	55.125	ug/l	97
70) Styrene	12.050	104	136174	46.933	ug/l	97
71) Bromoform	12.215	173	42270	57.763	ug/l #	98
73) Isopropylbenzene	12.337	105	195383	80.883	ug/l	100
74) N-amyl acetate	12.154	43	5476	7.193	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.587	83	67421	107.638	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	79850	178.621	ug/l #	100
77) Bromobenzene	12.617	156	46035	77.720	ug/l	91
78) n-propylbenzene	12.678	91	192821	66.376	ug/l	100
79) 2-Chlorotoluene	12.764	91	115989	70.094	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	139710	70.173	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	16740	83.038	ug/l	96
82) 4-Chlorotoluene	12.861	91	110179	63.894	ug/l	99
83) tert-Butylbenzene	13.081	119	116528	62.715	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	141657	70.654	ug/l	98
85) sec-Butylbenzene	13.257	105	146580	53.792	ug/l	100
86) p-Isopropyltoluene	13.373	119	114768	50.913	ug/l	97
87) 1,3-Dichlorobenzene	13.373	146	59428	49.835	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	59082	49.198	ug/l	99
89) n-Butylbenzene	13.702	91	87164	40.861	ug/l	95
90) Hexachloroethane	13.971	117	20328	44.935	ug/l	91
91) 1,2-Dichlorobenzene	13.745	146	58971	53.200	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9775	88.863	ug/l	86
93) 1,2,4-Trichlorobenzene	15.013	180	16554	23.302	ug/l	93
94) Hexachlorobutadiene	15.117	225	8410	22.107	ug/l	100
95) Naphthalene	15.245	128	376124	228.863	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	14691	23.248	ug/l	94

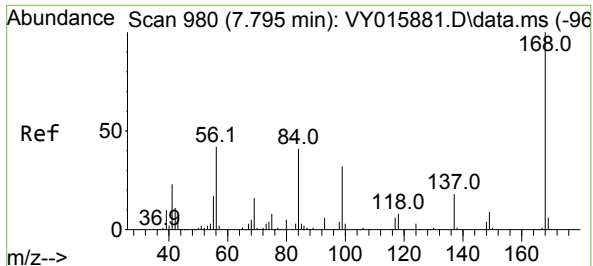
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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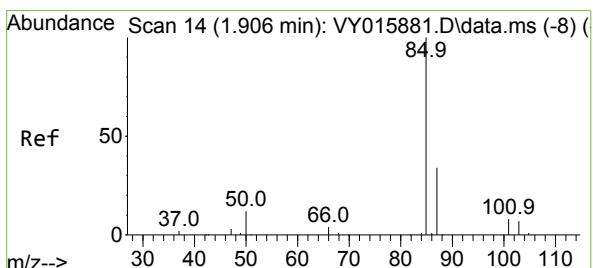
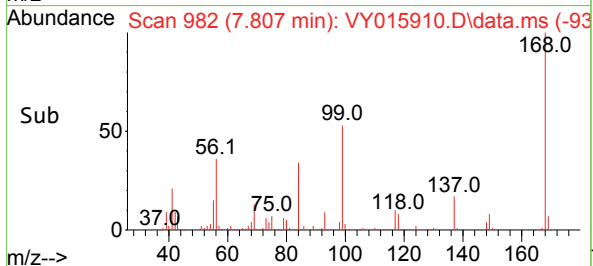
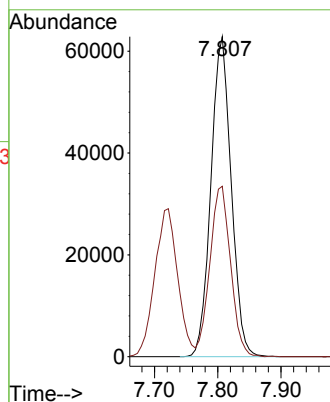
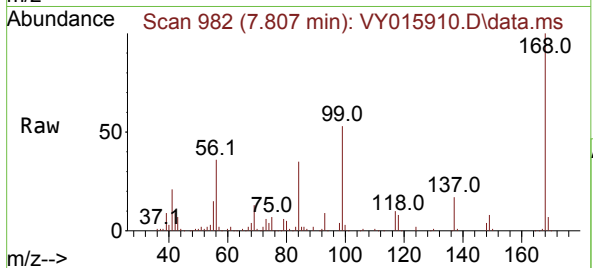
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015910.D
Acq: 10 Oct 2023 20:21

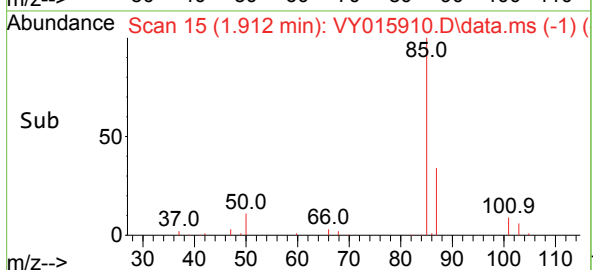
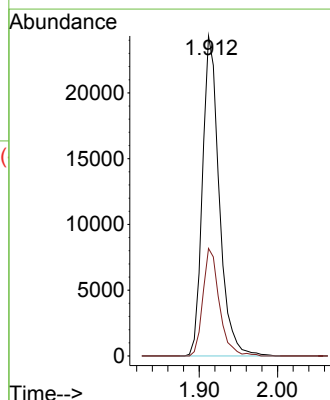
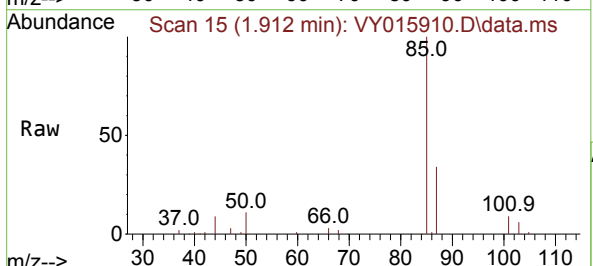
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ClientSampleId :

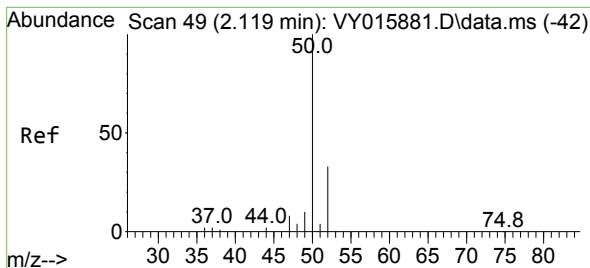
Tgt Ion:168 Resp: 139824
Ion Ratio Lower Upper
168 100
99 53.3 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 64.681 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY015910.D
Acq: 10 Oct 2023 20:21

Tgt Ion: 85 Resp: 36174
Ion Ratio Lower Upper
85 100
87 33.6 15.6 46.8





#3

Chloromethane

Concen: 66.074 ug/l

RT: 2.125 min Scan# 50

Delta R.T. 0.006 min

Lab File: VY015910.D

Acq: 10 Oct 2023 20:21

Instrument :

MSVOA_Y

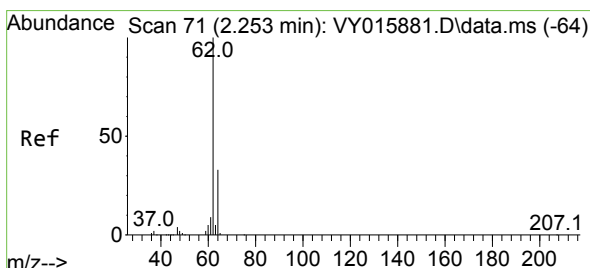
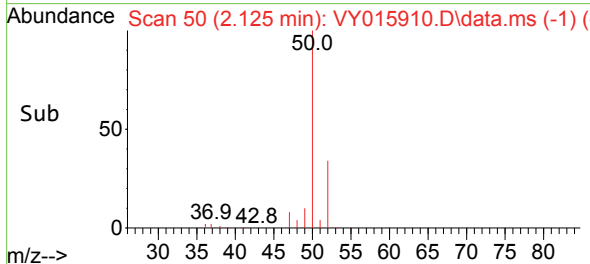
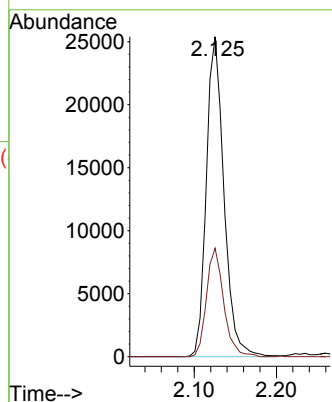
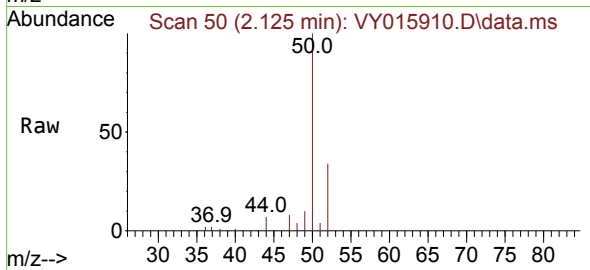
ClientSampleId :

Tgt Ion: 50 Resp: 37798

Ion Ratio Lower Upper

50 100

52 33.9 25.4 38.2



#4

Vinyl Chloride

Concen: 65.215 ug/l

RT: 2.259 min Scan# 72

Delta R.T. 0.006 min

Lab File: VY015910.D

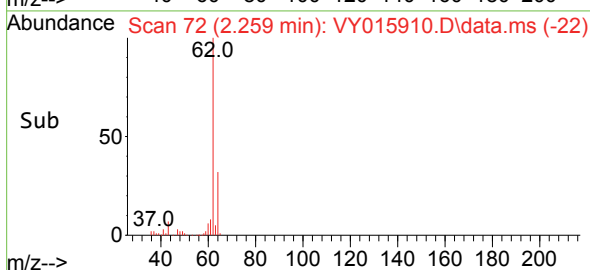
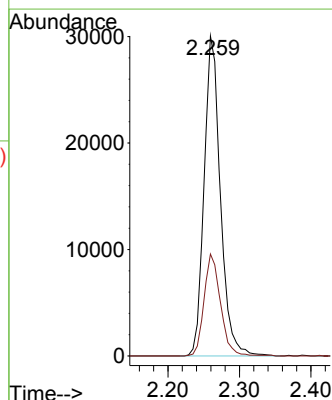
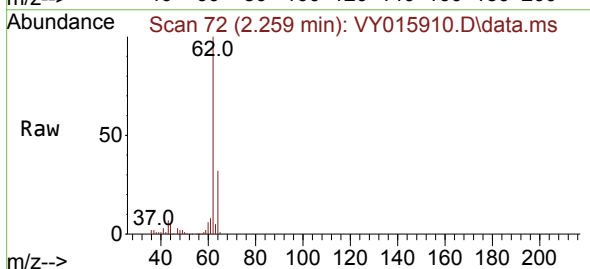
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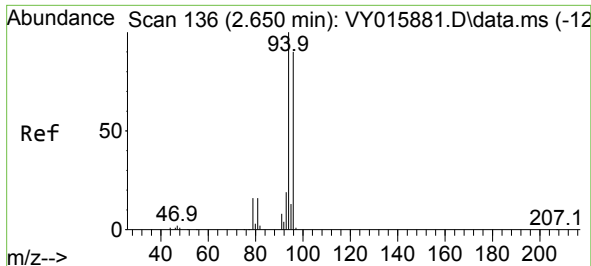
Tgt Ion: 62 Resp: 47581

Ion Ratio Lower Upper

62 100

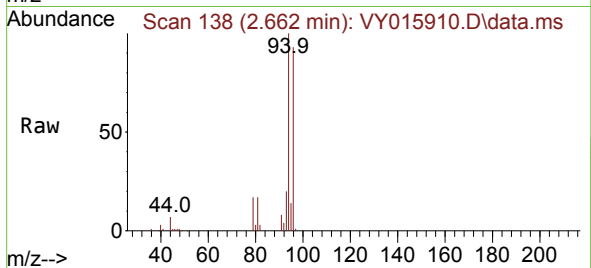
64 31.8 24.3 36.5



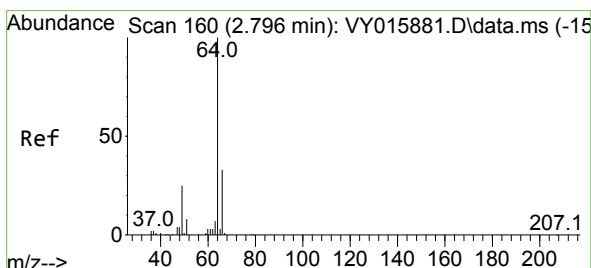
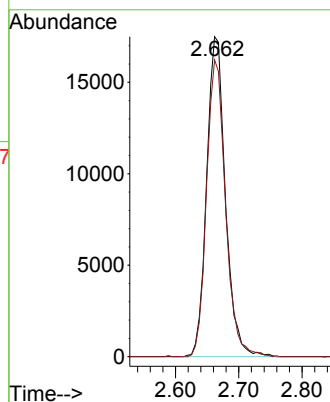
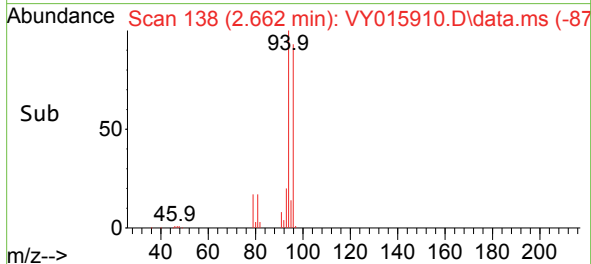


#5
Bromomethane
Concen: 60.449 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY015910.D
Acq: 10 Oct 2023 20:21

Instrument :
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ClientSampleId :

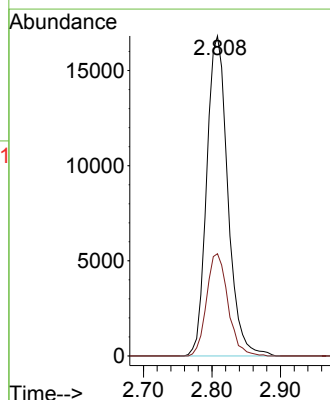
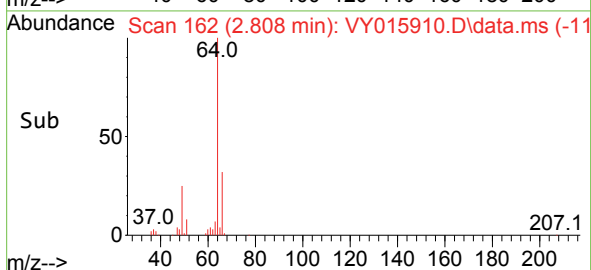
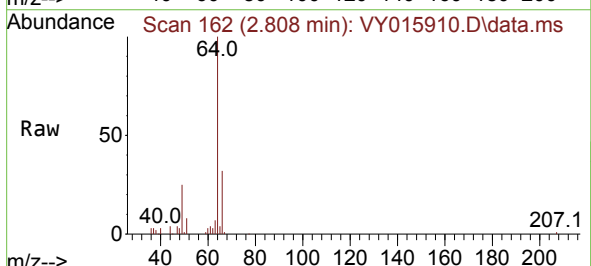


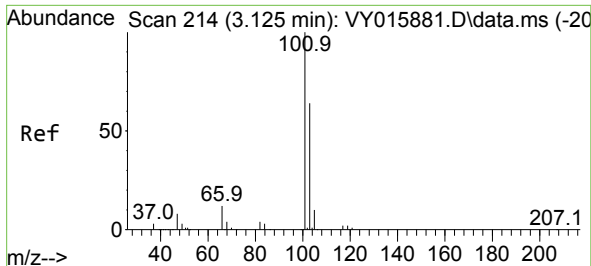
Tgt Ion: 94 Resp: 36164
Ion Ratio Lower Upper
94 100
96 92.8 75.8 113.6



#6
Chloroethane
Concen: 62.898 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.012 min
Lab File: VY015910.D
Acq: 10 Oct 2023 20:21

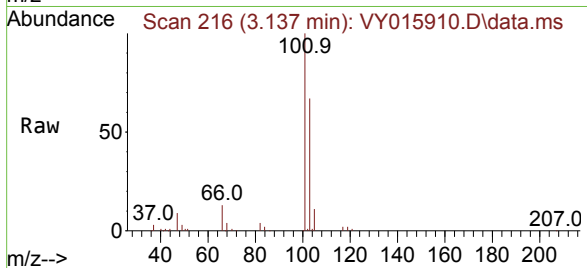
Tgt Ion: 64 Resp: 36035
Ion Ratio Lower Upper
64 100
66 32.0 24.4 36.6



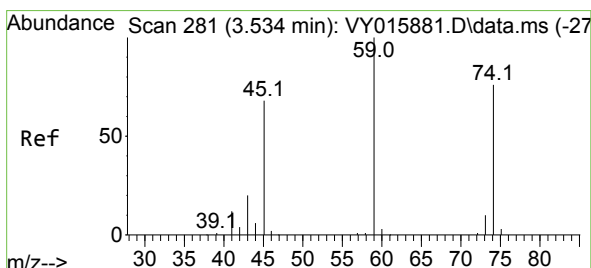
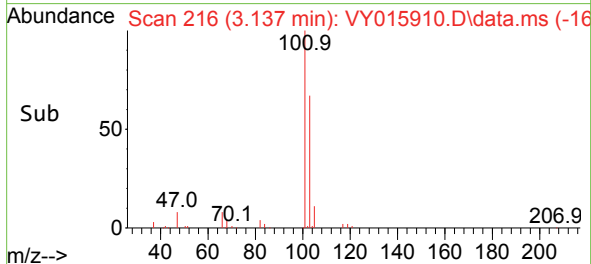
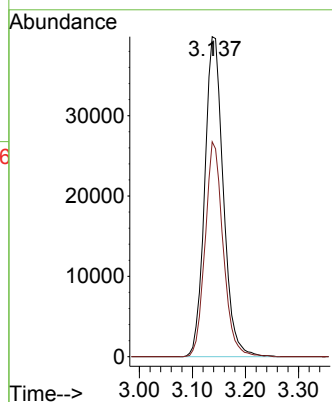


#7
 Trichlorofluoromethane
 Concen: 62.681 ug/l
 RT: 3.137 min Scan# 214
 Delta R.T. 0.012 min
 Lab File: VY015910.D
 Acq: 10 Oct 2023 20:21

Instrument :
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 ClientSampleId :

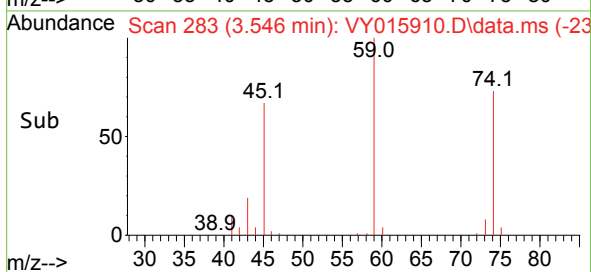
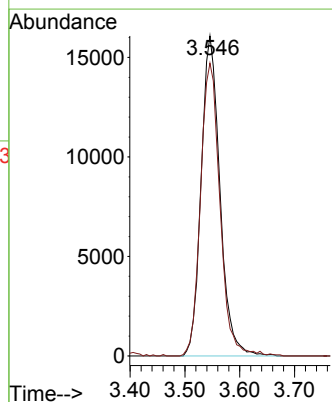
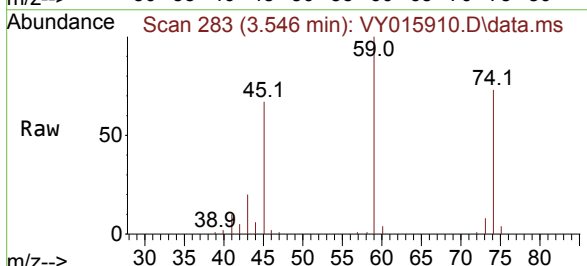


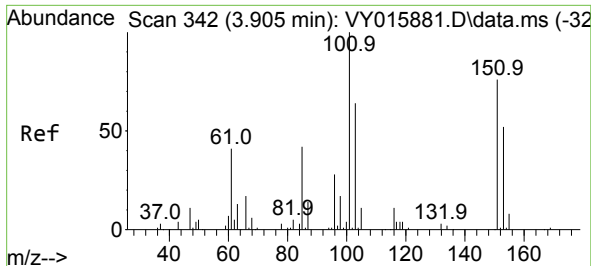
Tgt Ion:101 Resp: 97039
 Ion Ratio Lower Upper
 101 100
 103 67.1 51.4 77.0



#8
 Diethyl Ether
 Concen: 58.466 ug/l
 RT: 3.546 min Scan# 283
 Delta R.T. 0.012 min
 Lab File: VY015910.D
 Acq: 10 Oct 2023 20:21

Tgt Ion: 74 Resp: 38293
 Ion Ratio Lower Upper
 74 100
 45 94.3 51.5 154.5

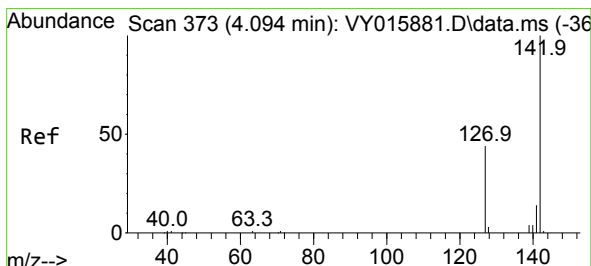
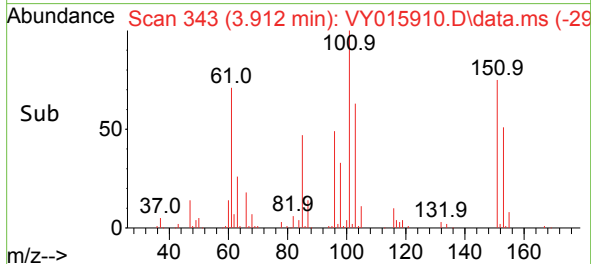
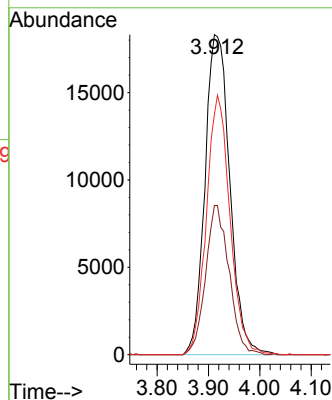
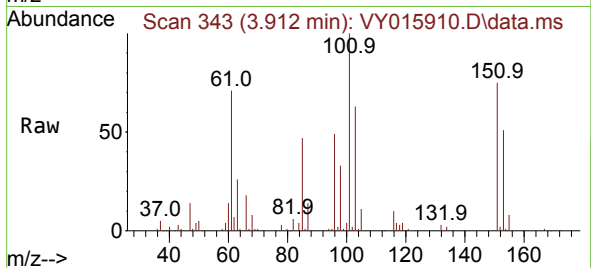




#9
1,1,2-Trichlorotrifluoroethane
Concen: 58.537 ug/l
RT: 3.912 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY015910.D
Acq: 10 Oct 2023 20:21

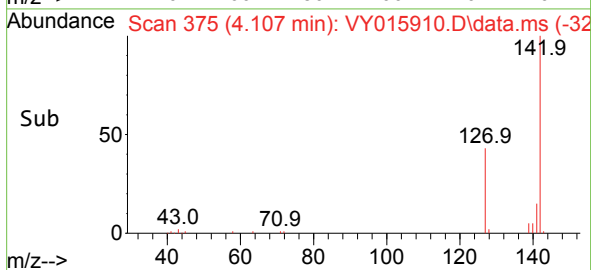
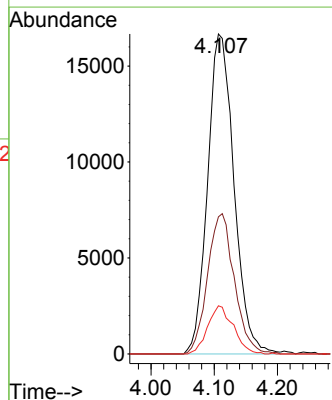
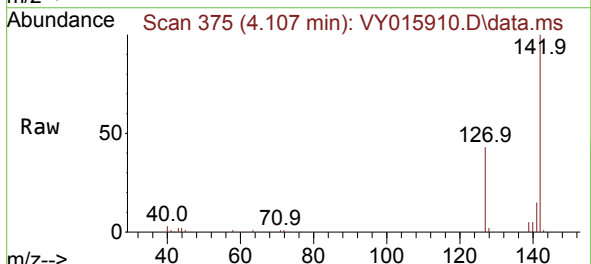
Instrument :
MSVOA_Y
ClientSampleId :

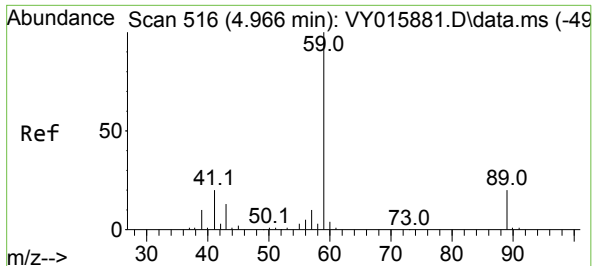
Tgt Ion:101 Resp: 61502
Ion Ratio Lower Upper
101 100
85 44.0 36.6 55.0
151 76.9 67.0 100.6



#10
Methyl Iodide
Concen: 45.941 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.013 min
Lab File: VY015910.D
Acq: 10 Oct 2023 20:21

Tgt Ion:142 Resp: 48312
Ion Ratio Lower Upper
142 100
127 44.6 37.6 56.4
141 14.6 11.8 17.8





#11

Tert butyl alcohol

Concen: 135.318 ug/l

RT: 4.978 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY015910.D

Acq: 10 Oct 2023 20:21

Instrument :

MSVOA_Y

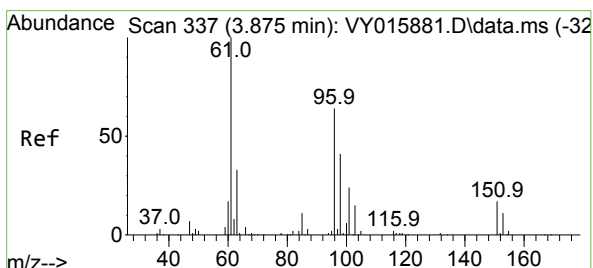
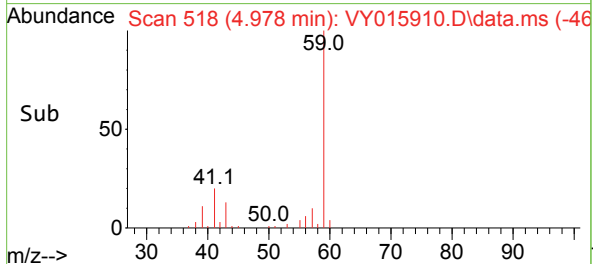
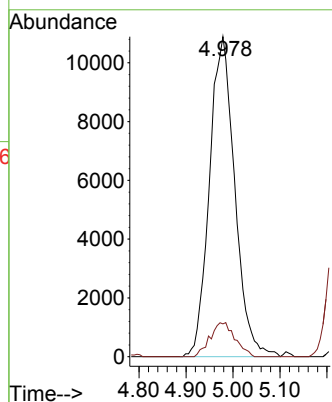
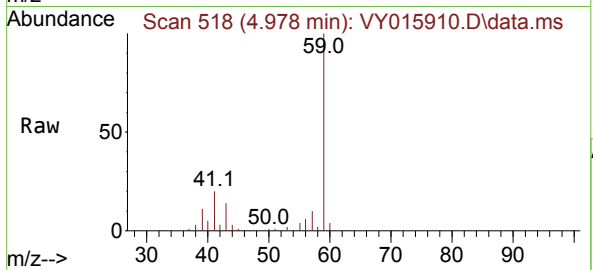
ClientSampleId :

Tgt Ion: 59 Resp: 40773

Ion Ratio Lower Upper

59 100

57 10.5 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 61.123 ug/l

RT: 3.887 min Scan# 339

Delta R.T. 0.012 min

Lab File: VY015910.D

Acq: 10 Oct 2023 20:21

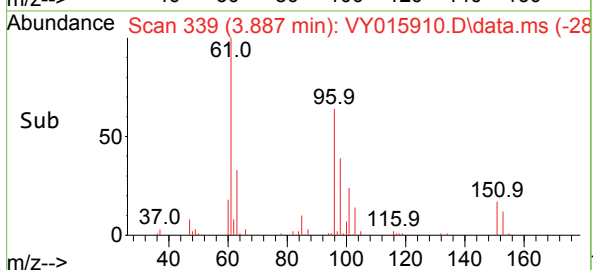
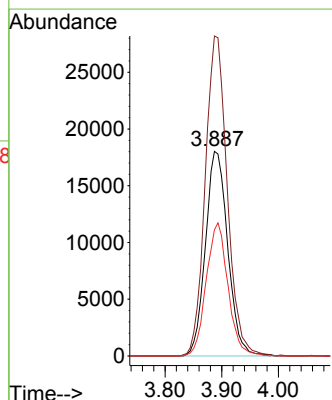
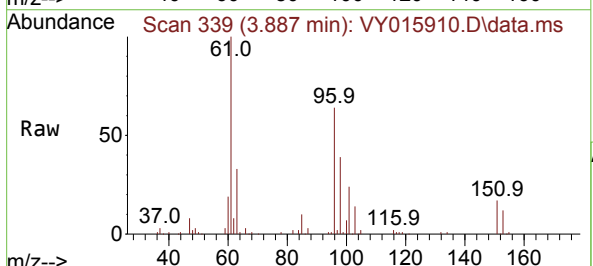
Tgt Ion: 96 Resp: 49397

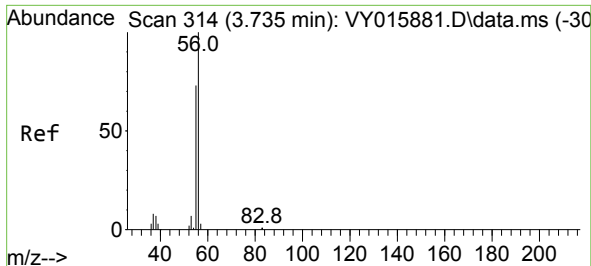
Ion Ratio Lower Upper

96 100

61 156.3 136.4 204.6

98 61.7 49.4 74.2





#13

Acrolein

Concen: 4.864 ug/l

RT: 3.747 min Scan# 314

Delta R.T. 0.012 min

Lab File: VY015910.D

Acq: 10 Oct 2023 20:21

Instrument :

MSVOA_Y

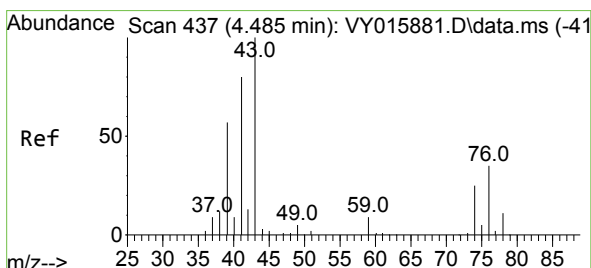
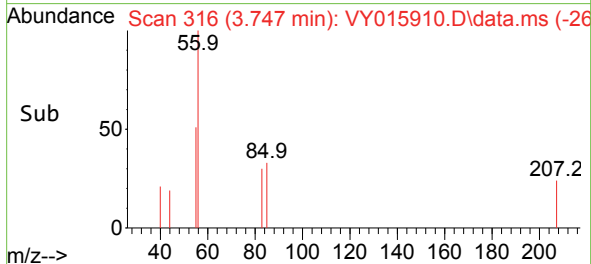
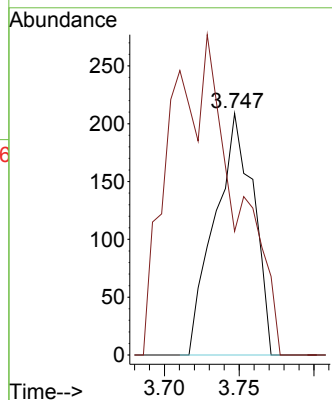
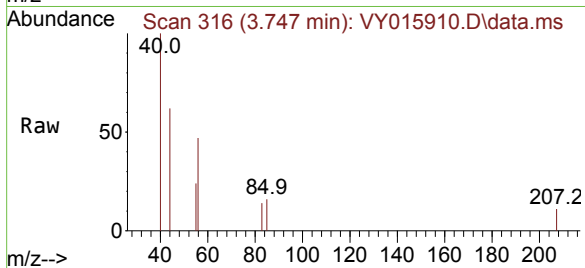
ClientSampleId :

Tgt Ion: 56 Resp: 374

Ion Ratio Lower Upper

56 100

55 0.0 57.0 85.4#



#14

Allyl chloride

Concen: 40.488 ug/l

RT: 4.497 min Scan# 439

Delta R.T. 0.012 min

Lab File: VY015910.D

Acq: 10 Oct 2023 20:21

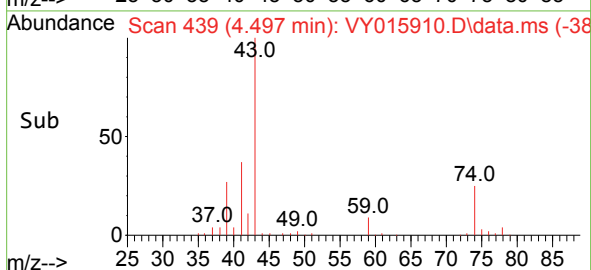
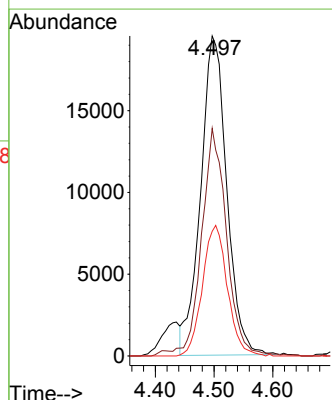
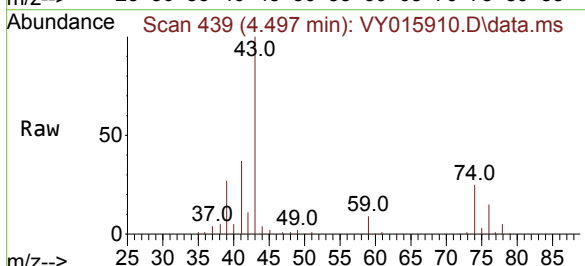
Tgt Ion: 41 Resp: 60328

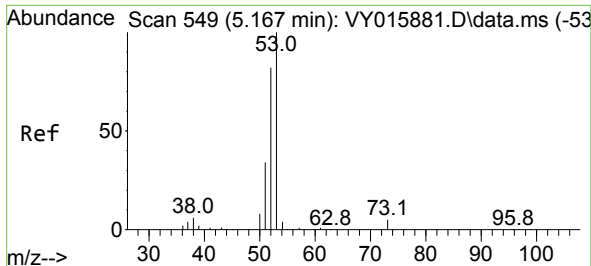
Ion Ratio Lower Upper

41 100

39 68.4 58.0 87.0

76 39.1 27.4 41.2

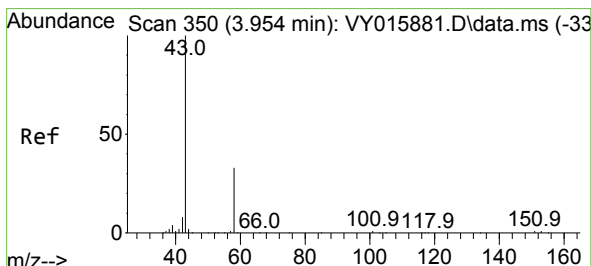
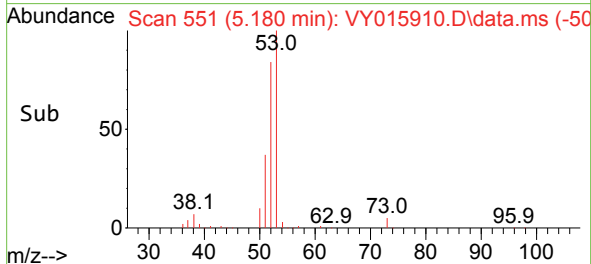
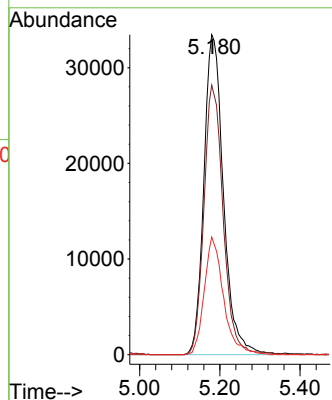
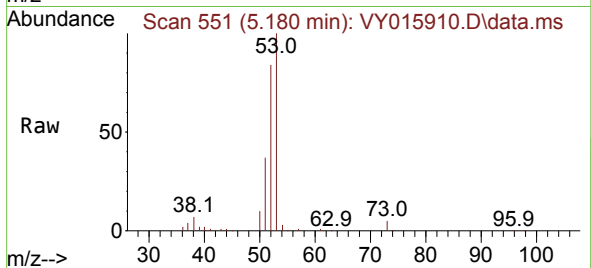




#15
Acrylonitrile
Concen: 251.658 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY015910.D
Acq: 10 Oct 2023 20:21

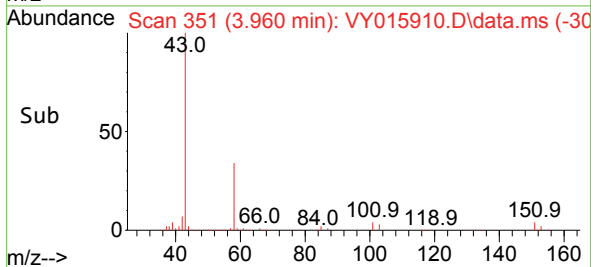
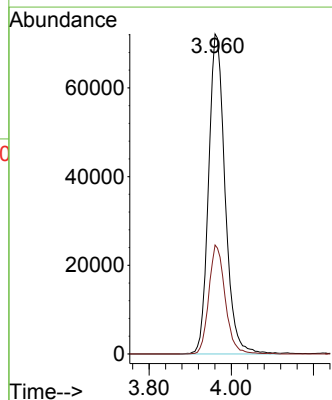
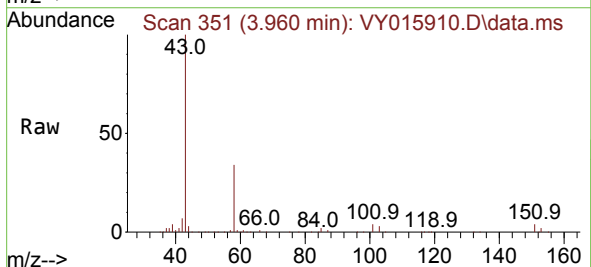
Instrument :
MSVOA_Y
ClientSampleId :

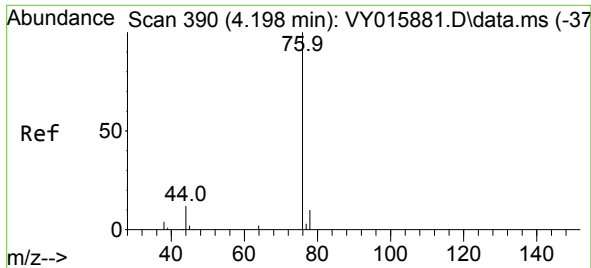
Tgt Ion: 53 Resp: 113342
Ion Ratio Lower Upper
53 100
52 82.9 66.9 100.3
51 36.1 29.8 44.6



#16
Acetone
Concen: 400.180 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY015910.D
Acq: 10 Oct 2023 20:21

Tgt Ion: 43 Resp: 200897
Ion Ratio Lower Upper
43 100
58 34.1 22.7 34.1

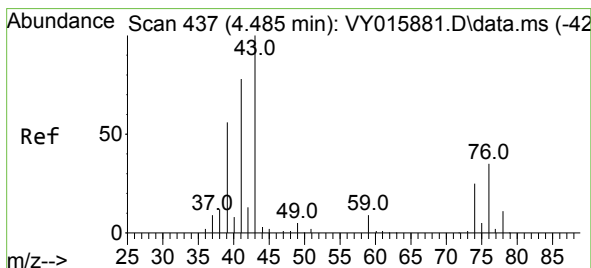
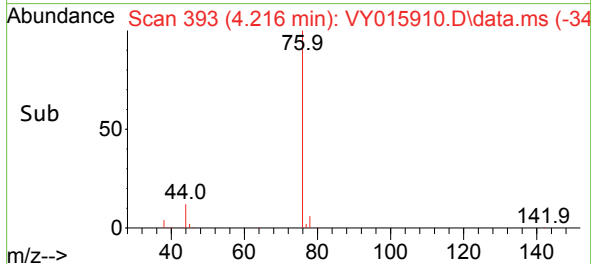
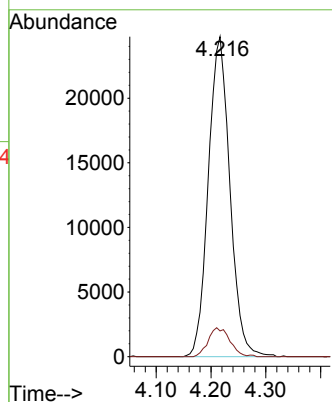
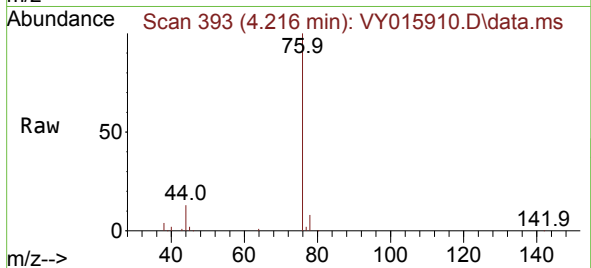




#17
Carbon Disulfide
Concen: 55.640 ug/l
RT: 4.216 min Scan# 391
Delta R.T. 0.018 min
Lab File: VY015910.D
Acq: 10 Oct 2023 20:21

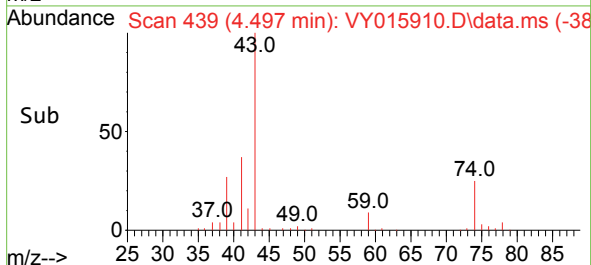
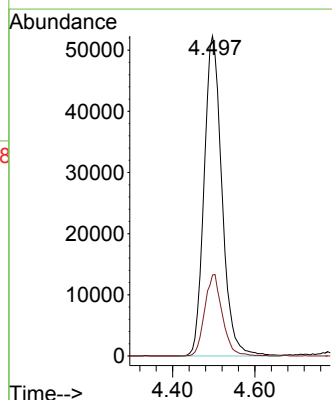
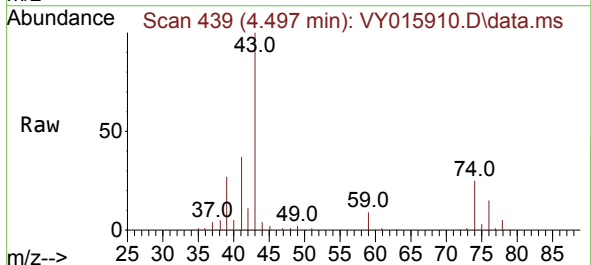
Instrument :
MSVOA_Y
ClientSampleId :

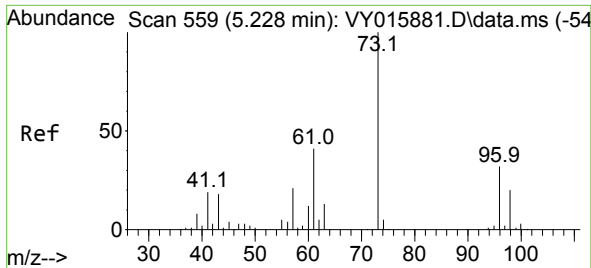
Tgt Ion: 76 Resp: 67608
Ion Ratio Lower Upper
76 100
78 8.1 7.0 10.4



#18
Methyl Acetate
Concen: 92.429 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.012 min
Lab File: VY015910.D
Acq: 10 Oct 2023 20:21

Tgt Ion: 43 Resp: 157648
Ion Ratio Lower Upper
43 100
74 25.2 17.4 26.0

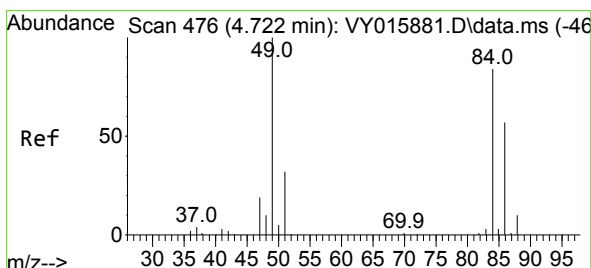
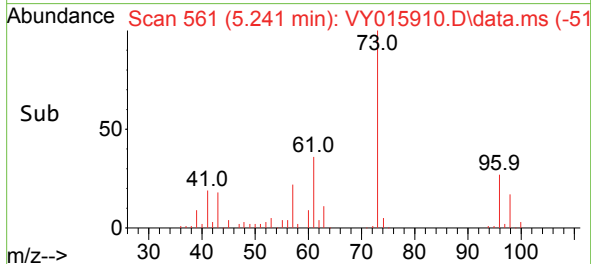
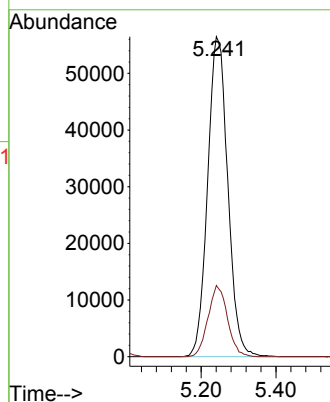
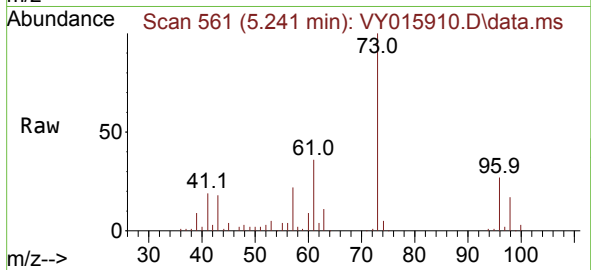




#19
Methyl tert-butyl Ether
Concen: 57.612 ug/l
RT: 5.241 min Scan# 50
Delta R.T. 0.013 min
Lab File: VY015910.D
Acq: 10 Oct 2023 20:21

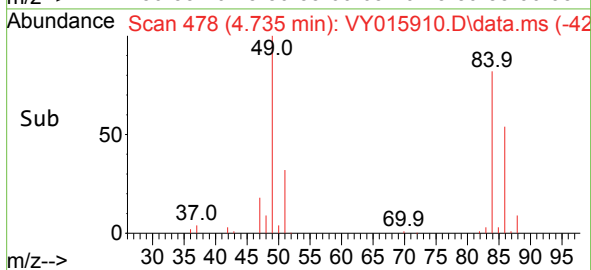
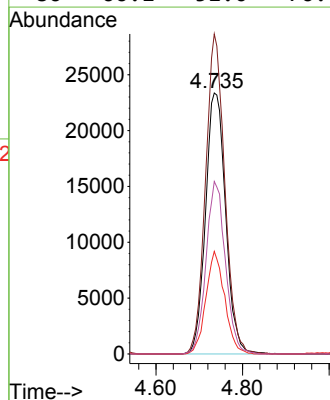
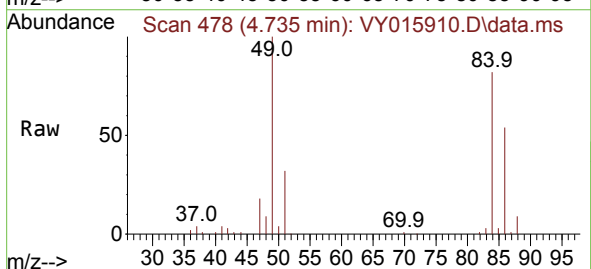
Instrument :
MSVOA_Y
ClientSampleId :

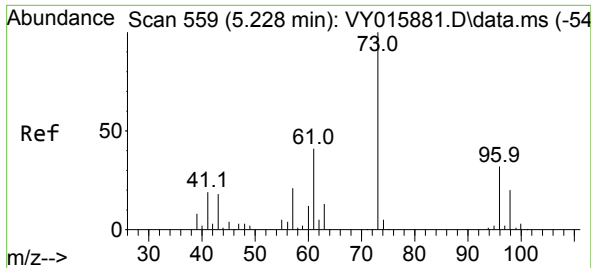
Tgt Ion: 73 Resp: 210988
Ion Ratio Lower Upper
73 100
57 22.2 17.3 25.9



#20
Methylene Chloride
Concen: 59.409 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.013 min
Lab File: VY015910.D
Acq: 10 Oct 2023 20:21

Tgt Ion: 84 Resp: 75354
Ion Ratio Lower Upper
84 100
49 122.6 106.9 160.3
51 39.3 33.2 49.8
86 66.1 51.0 76.6

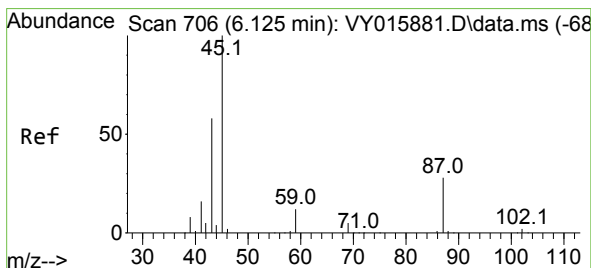
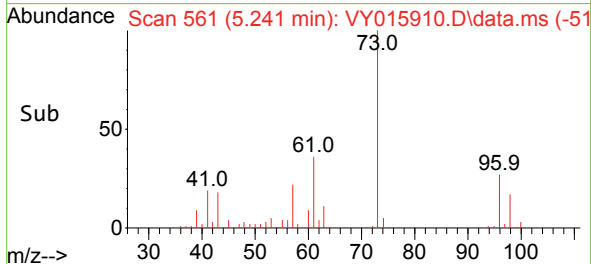
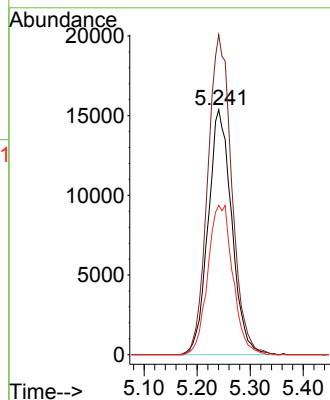
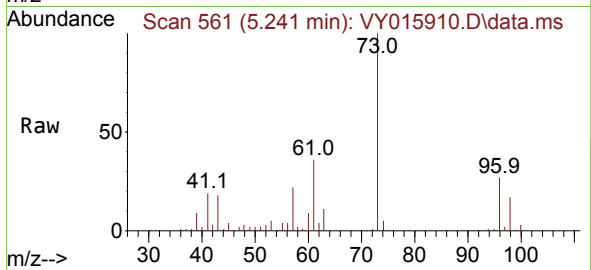




#21
trans-1,2-Dichloroethene
Concen: 50.727 ug/l
RT: 5.241 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY015910.D
Acq: 10 Oct 2023 20:21

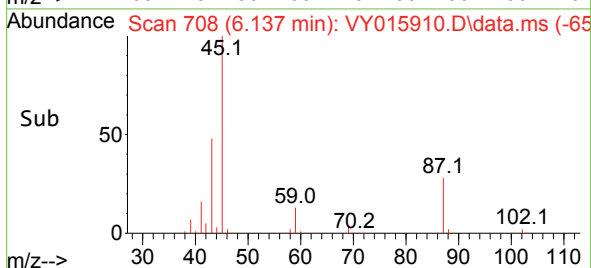
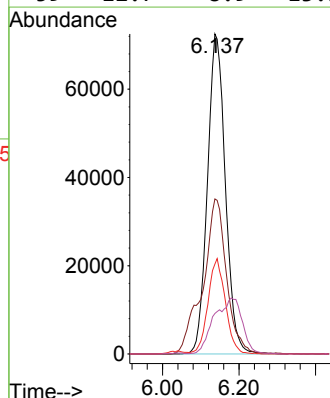
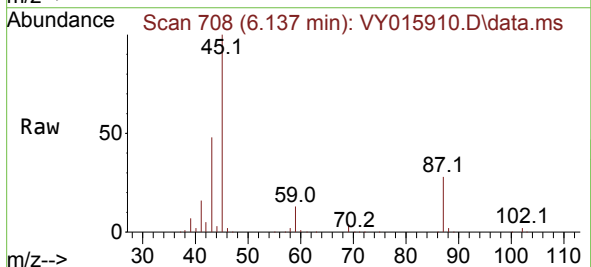
Instrument :
MSVOA_Y
ClientSampleId :

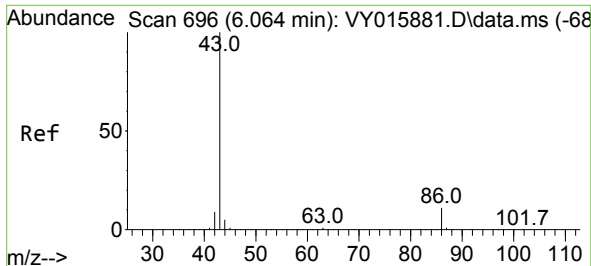
Tgt Ion: 96 Resp: 47570
Ion Ratio Lower Upper
96 100
61 130.6 110.2 165.4
98 61.0 51.8 77.6



#22
Diisopropyl ether
Concen: 59.175 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.012 min
Lab File: VY015910.D
Acq: 10 Oct 2023 20:21

Tgt Ion: 45 Resp: 235841
Ion Ratio Lower Upper
45 100
43 48.2 52.2 78.4#
87 28.1 21.0 31.6
59 12.7 8.9 13.3

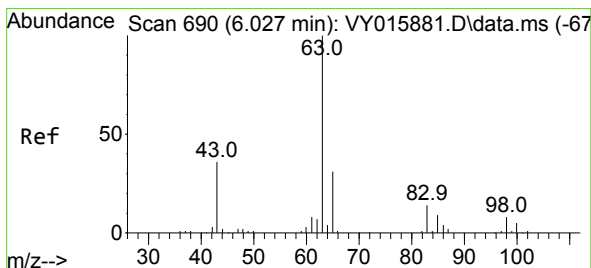
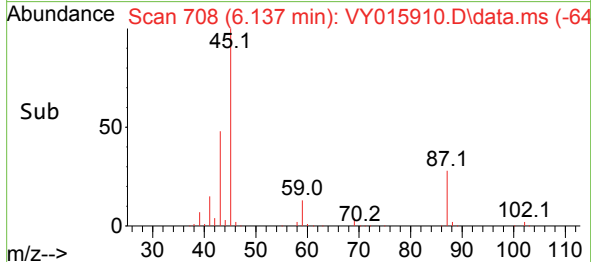
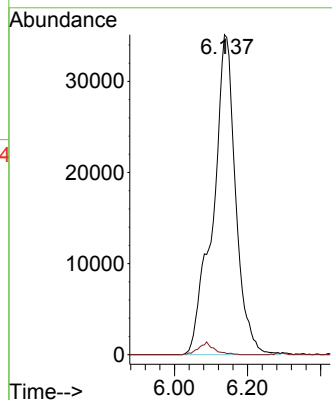
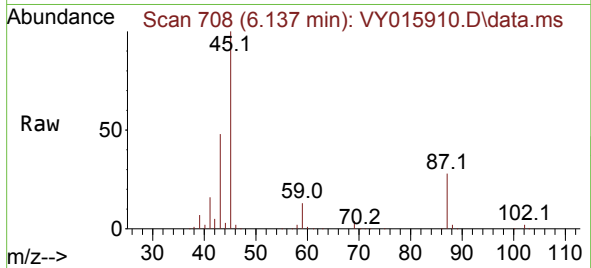




#23
 Vinyl Acetate
 Concen: 69.260 ug/l
 RT: 6.137 min Scan# 70
 Delta R.T. 0.073 min
 Lab File: VY015910.D
 Acq: 10 Oct 2023 20:21

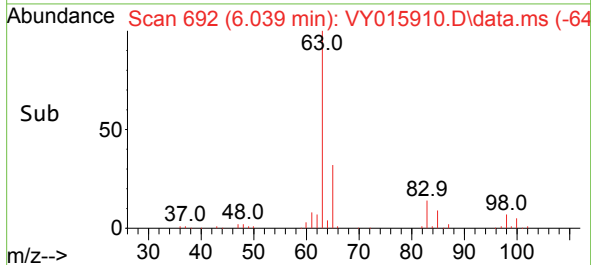
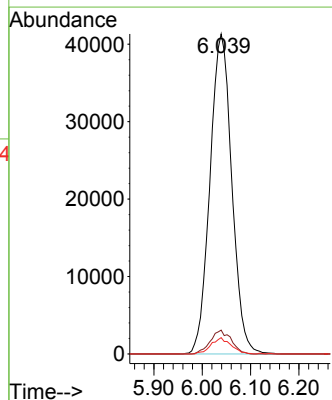
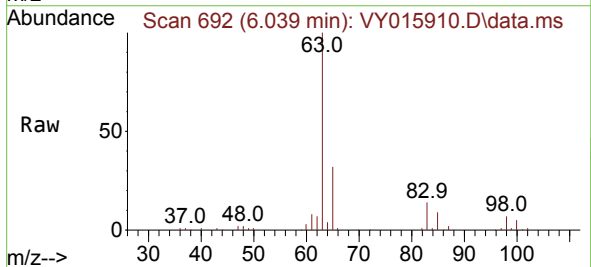
Instrument :
 MSVOA_Y
 ClientSampleId :

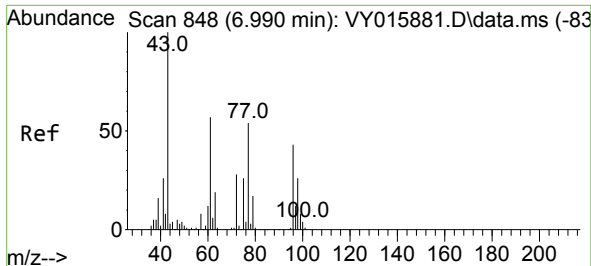
Tgt Ion: 43 Resp: 151785
 Ion Ratio Lower Upper
 43 100
 86 0.7 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 59.017 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. 0.012 min
 Lab File: VY015910.D
 Acq: 10 Oct 2023 20:21

Tgt Ion: 63 Resp: 129565
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.1 9.4
 100 5.1 1.8 5.5

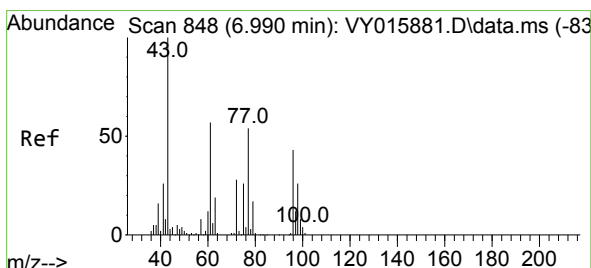
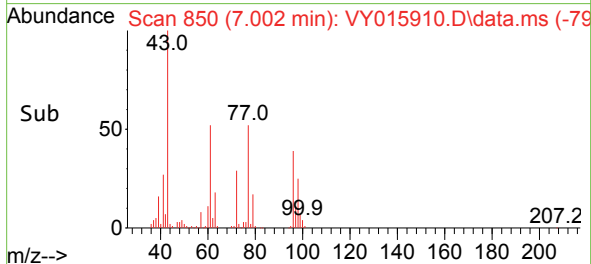
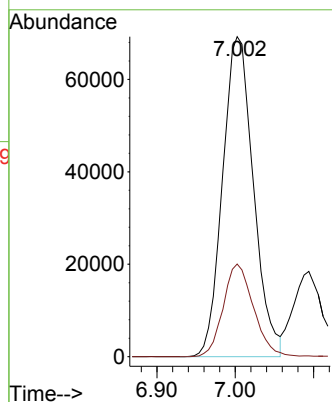
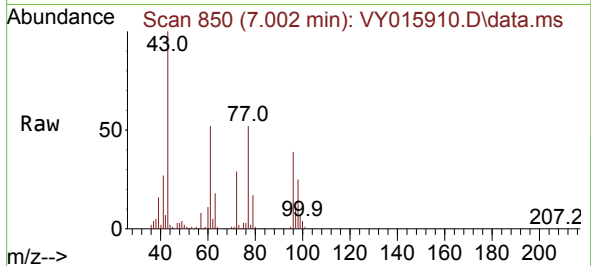




#25
2-Butanone
Concen: 274.903 ug/l
RT: 7.002 min Scan# 81
Delta R.T. 0.012 min
Lab File: VY015910.D
Acq: 10 Oct 2023 20:21

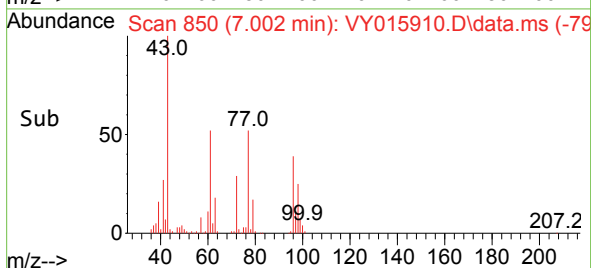
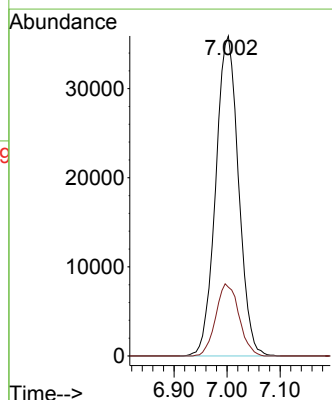
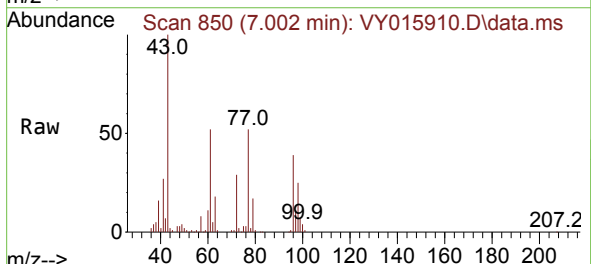
Instrument :
MSVOA_Y
ClientSampleId :

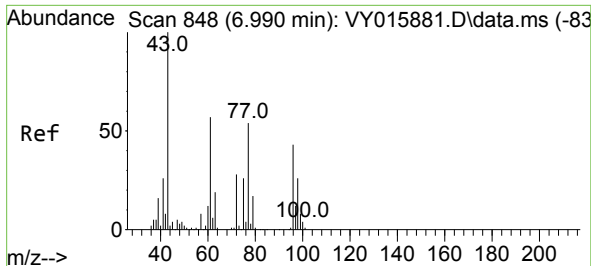
Tgt Ion: 43 Resp: 189728
Ion Ratio Lower Upper
43 100
72 29.0 20.5 30.7



#26
2,2-Dichloropropane
Concen: 52.539 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY015910.D
Acq: 10 Oct 2023 20:21

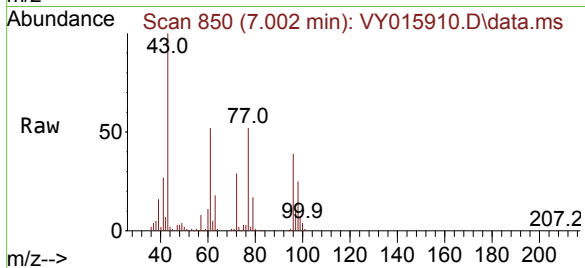
Tgt Ion: 77 Resp: 107268
Ion Ratio Lower Upper
77 100
97 22.9 10.9 32.9



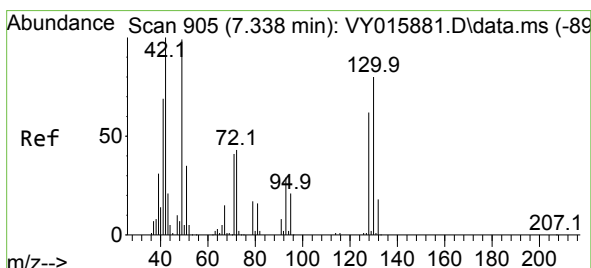
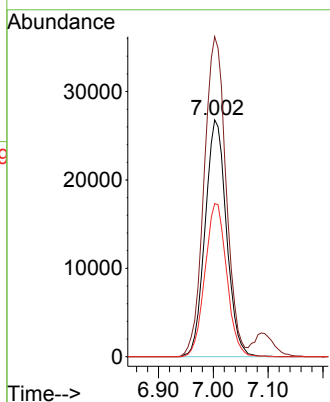
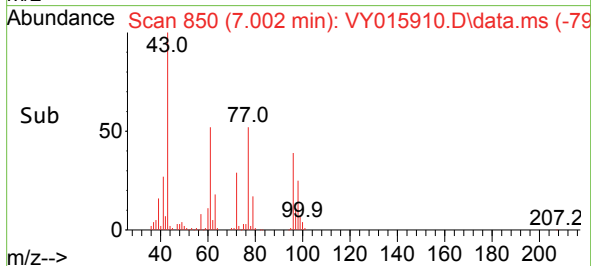


#27
 cis-1,2-Dichloroethene
 Concen: 52.364 ug/l
 RT: 7.002 min Scan# 81
 Delta R.T. 0.012 min
 Lab File: VY015910.D
 Acq: 10 Oct 2023 20:21

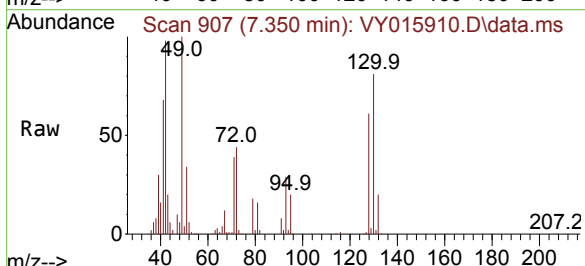
Instrument :
 MSVOA_Y
 ClientSampleId :



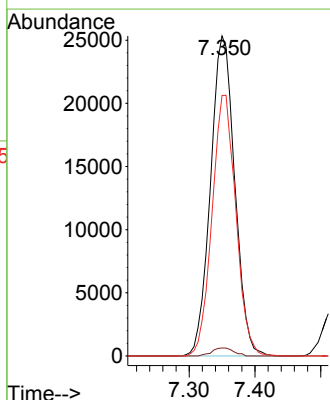
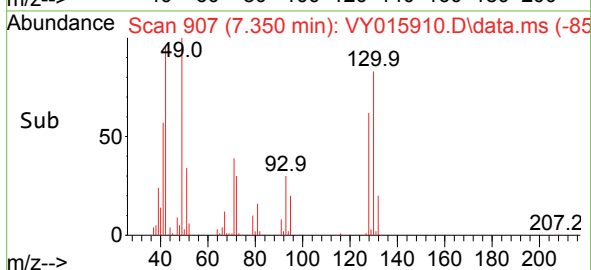
Tgt Ion: 96 Resp: 72476
 Ion Ratio Lower Upper
 96 100
 61 139.0 0.0 301.4
 98 65.7 0.0 130.4

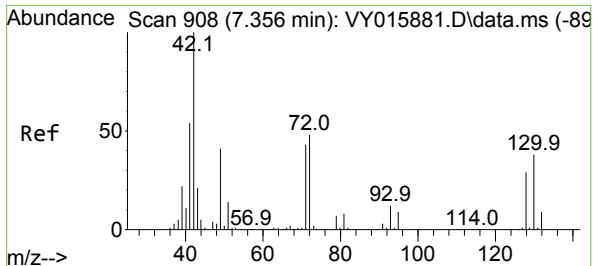


#28
 Bromochloromethane
 Concen: 51.362 ug/l
 RT: 7.350 min Scan# 907
 Delta R.T. 0.012 min
 Lab File: VY015910.D
 Acq: 10 Oct 2023 20:21



Tgt Ion: 49 Resp: 64988
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 80.1 60.7 91.1





#29

Tetrahydrofuran

Concen: 255.480 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.012 min

Lab File: VY015910.D

Acq: 10 Oct 2023 20:21

Instrument :

MSVOA_Y

ClientSampleId :

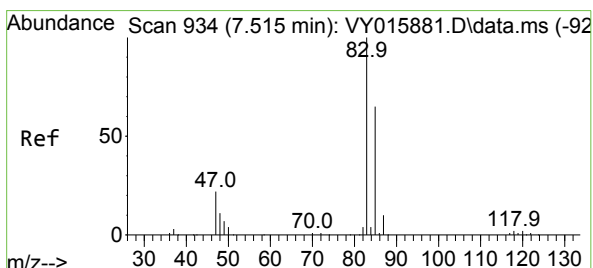
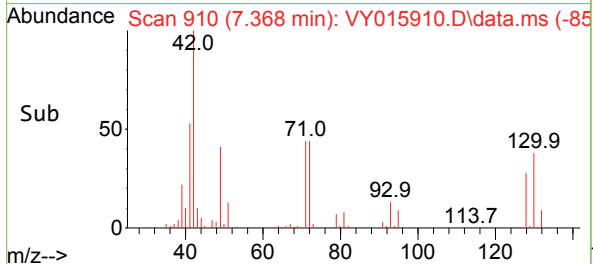
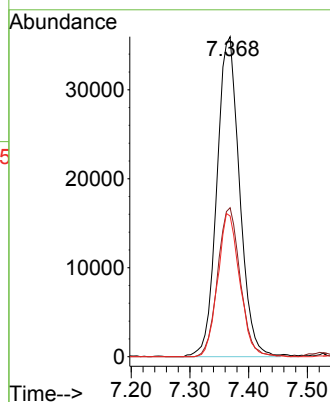
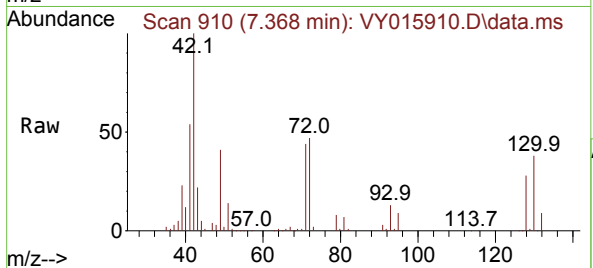
Tgt Ion: 42 Resp: 96458

Ion Ratio Lower Upper

42 100

72 46.3 32.8 49.2

71 43.5 31.0 46.4



#30

Chloroform

Concen: 56.171 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY015910.D

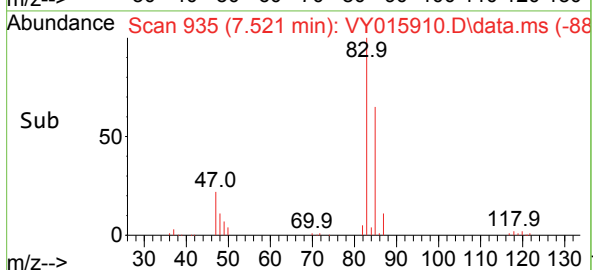
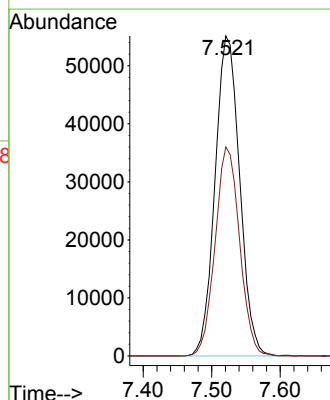
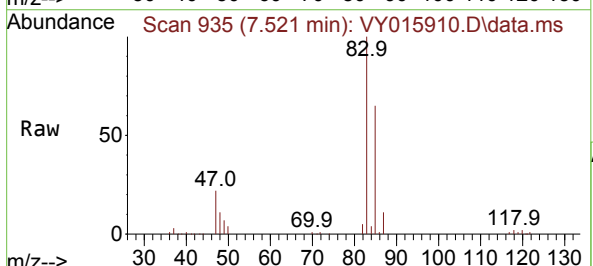
Acq: 10 Oct 2023 20:21

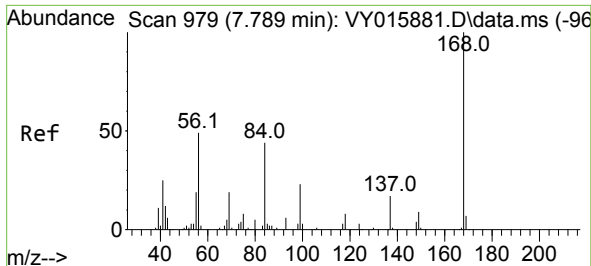
Tgt Ion: 83 Resp: 137548

Ion Ratio Lower Upper

83 100

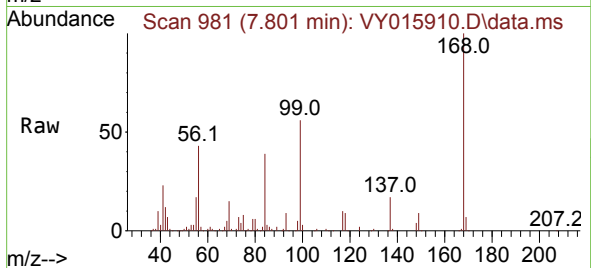
85 65.3 49.7 74.5



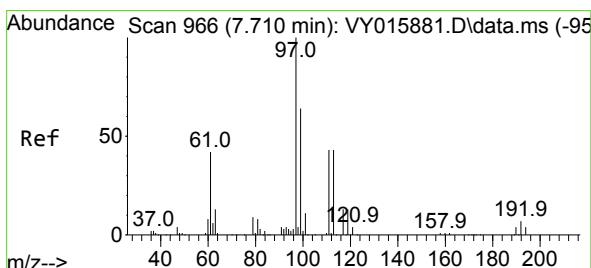
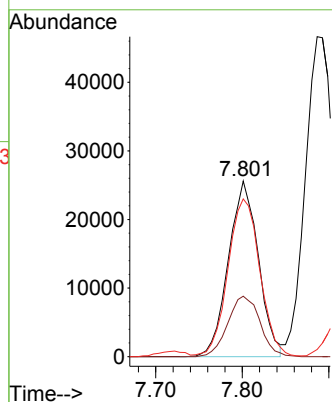
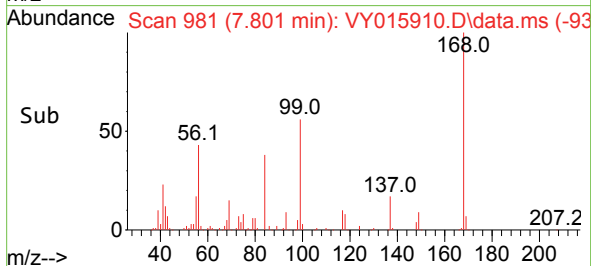


#31
Cyclohexane
Concen: 45.660 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015910.D
Acq: 10 Oct 2023 20:21

Instrument :
MSVOA_Y
ClientSampleId :

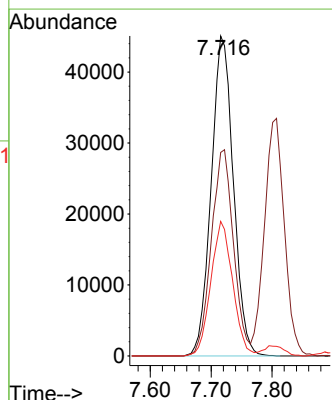
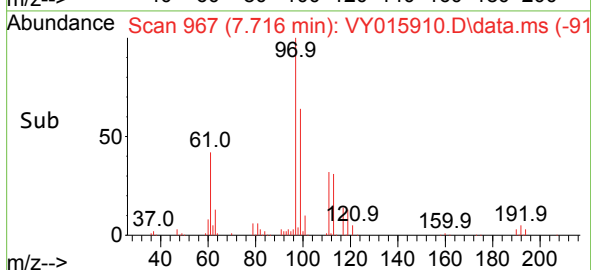
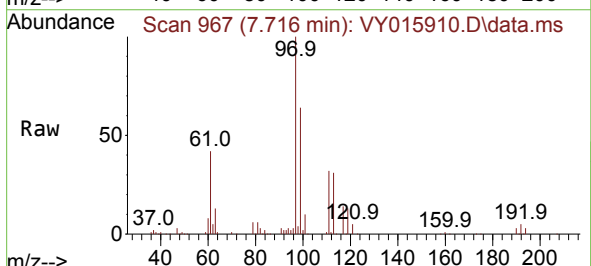


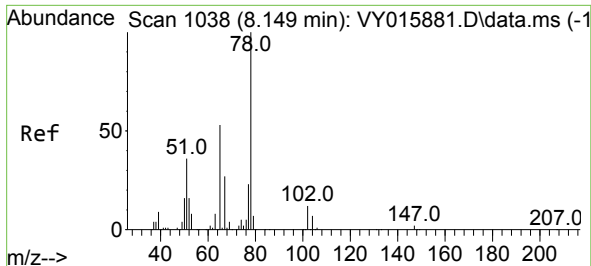
Tgt Ion: 56 Resp: 61525
Ion Ratio Lower Upper
56 100
69 34.5 27.8 41.6
84 87.3 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 56.883 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY015910.D
Acq: 10 Oct 2023 20:21

Tgt Ion: 97 Resp: 113754
Ion Ratio Lower Upper
97 100
99 64.8 50.8 76.2
61 41.5 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 48.997 ug/l

RT: 8.155 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VY015910.D

Acq: 10 Oct 2023 20:21

Instrument :

MSVOA_Y

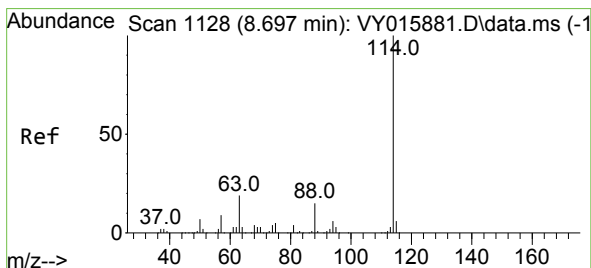
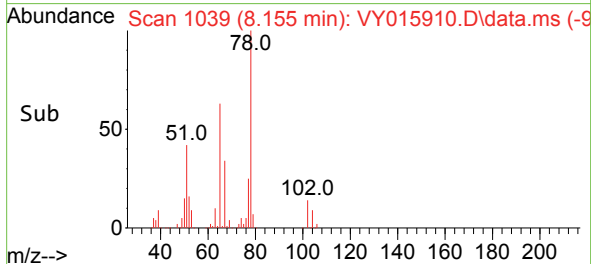
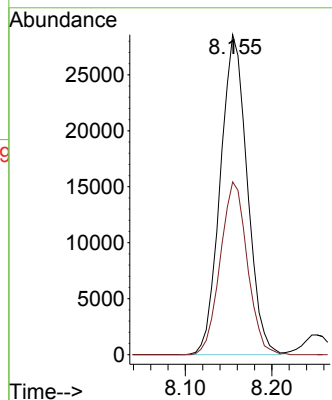
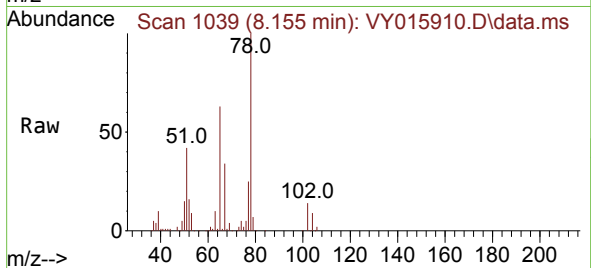
ClientSampleId :

Tgt Ion: 65 Resp: 61645

Ion Ratio Lower Upper

65 100

67 54.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY015910.D

Acq: 10 Oct 2023 20:21

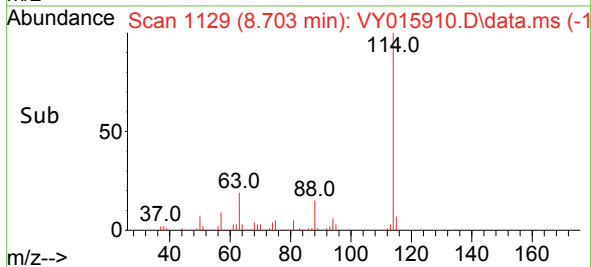
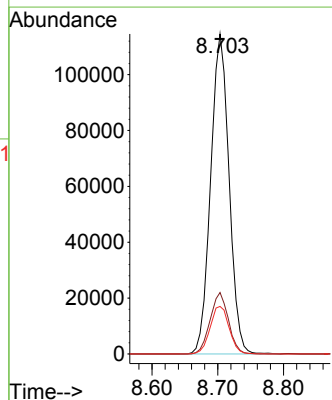
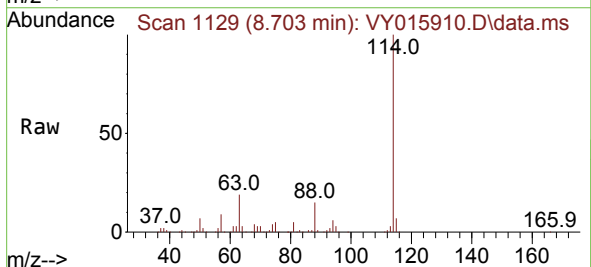
Tgt Ion: 114 Resp: 222883

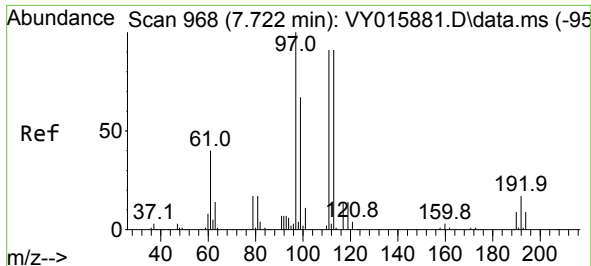
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 14.8 0.0 30.6

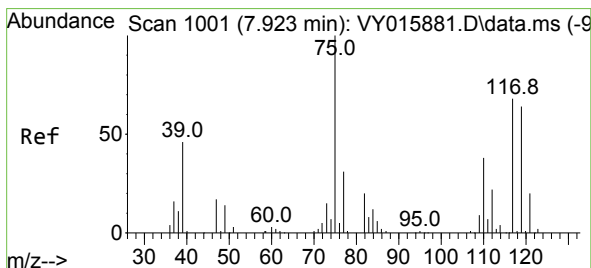
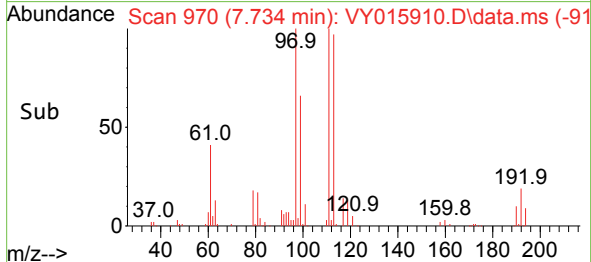
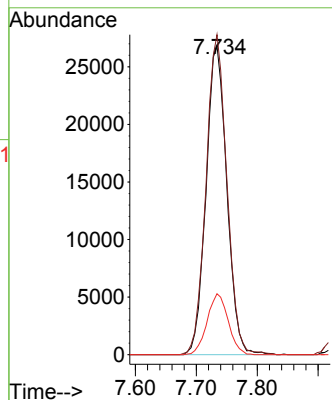
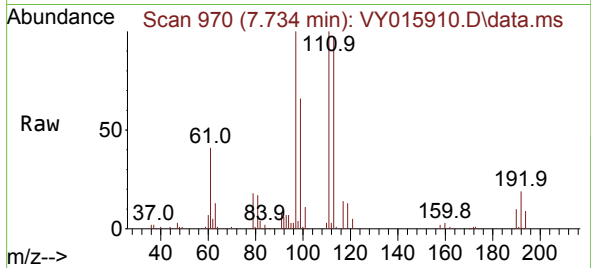




#35
Dibromofluoromethane
Concen: 51.081 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015910.D
Acq: 10 Oct 2023 20:21

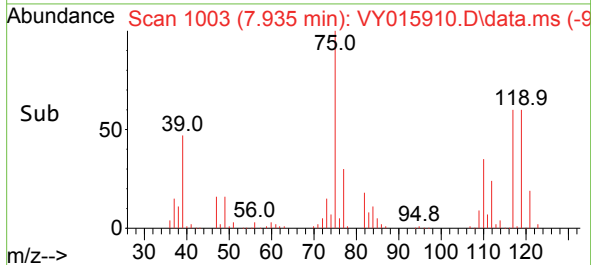
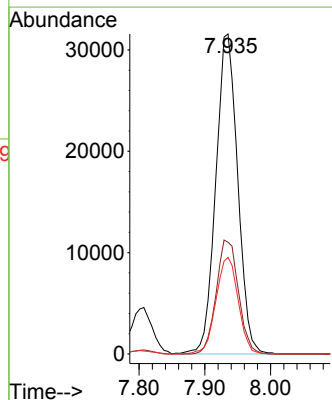
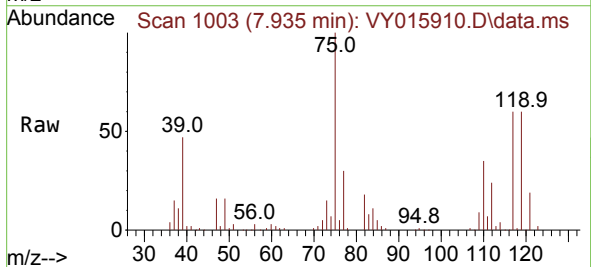
Instrument :
MSVOA_Y
ClientSampleId :

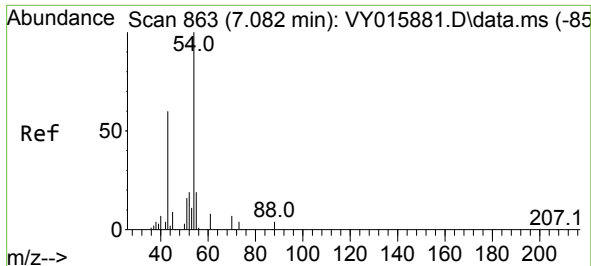
Tgt Ion:113 Resp: 63503
Ion Ratio Lower Upper
113 100
111 104.0 81.3 121.9
192 20.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 53.097 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.012 min
Lab File: VY015910.D
Acq: 10 Oct 2023 20:21

Tgt Ion: 75 Resp: 73107
Ion Ratio Lower Upper
75 100
110 36.2 17.8 53.5
77 30.7 24.4 36.6





#37

Ethyl Acetate

Concen: 41.487 ug/l

RT: 7.094 min Scan# 8

Delta R.T. 0.012 min

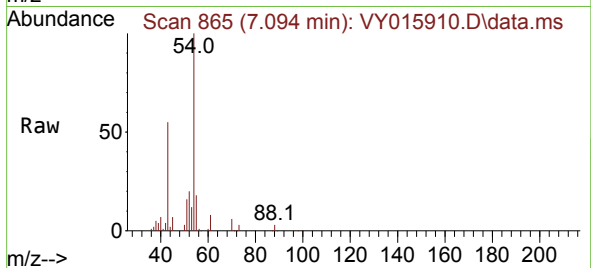
Lab File: VY015910.D

Acq: 10 Oct 2023 20:21

Instrument :

MSVOA_Y

ClientSampleId :



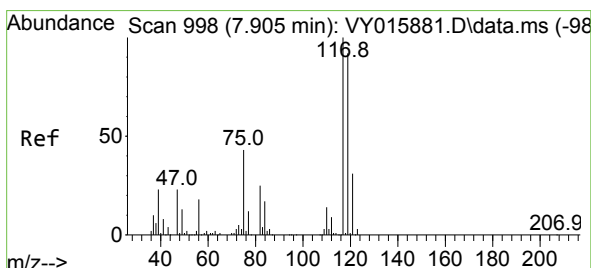
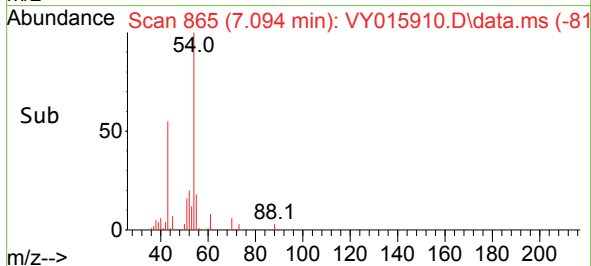
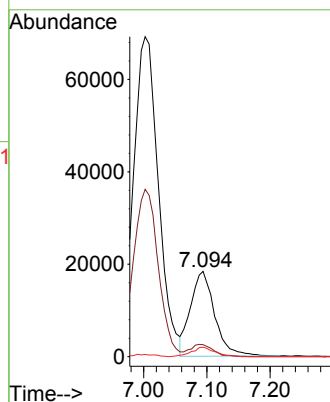
Tgt Ion: 43 Resp: 49058

Ion Ratio Lower Upper

43 100

61 13.8 10.1 15.1

70 10.6 7.1 10.7



#38

Carbon Tetrachloride

Concen: 55.988 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. 0.012 min

Lab File: VY015910.D

Acq: 10 Oct 2023 20:21

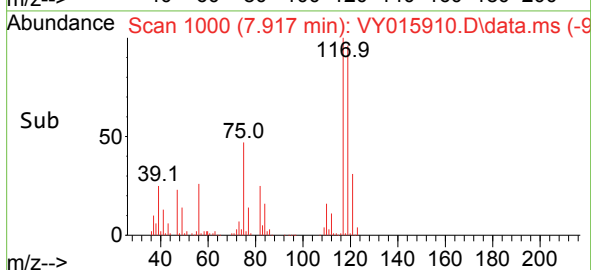
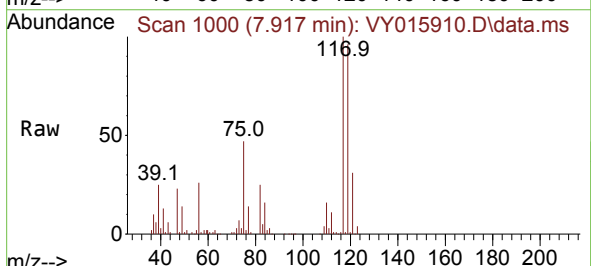
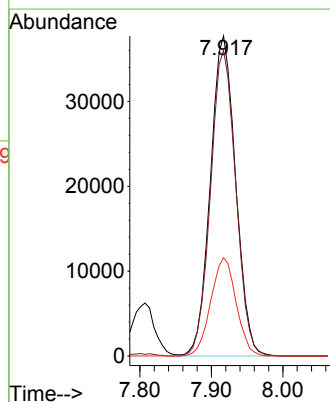
Tgt Ion: 117 Resp: 92578

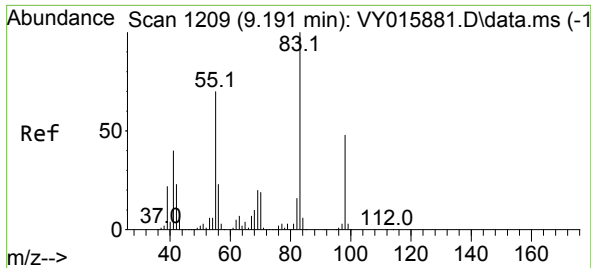
Ion Ratio Lower Upper

117 100

119 95.5 76.4 114.6

121 30.7 25.8 38.6

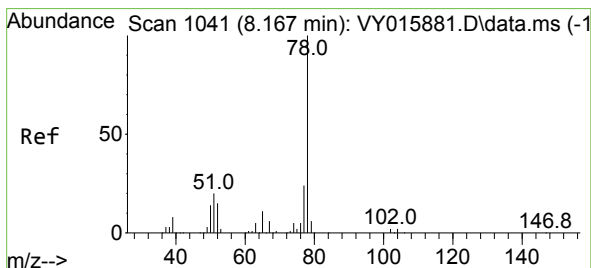
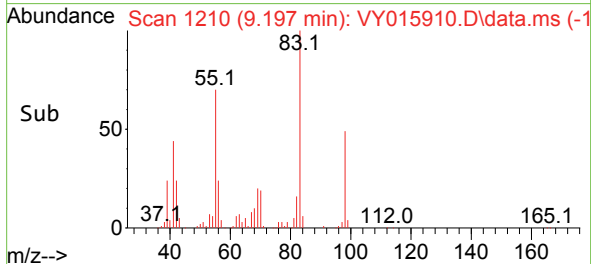
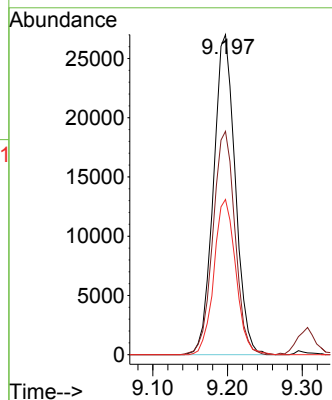
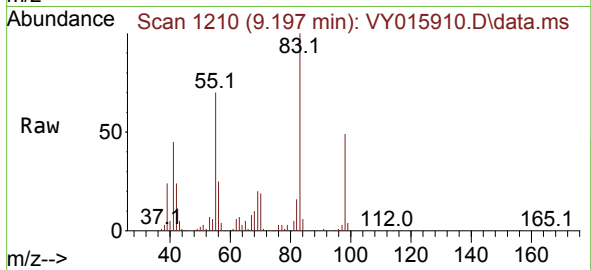




#39
Methylcyclohexane
Concen: 39.188 ug/l
RT: 9.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015910.D
Acq: 10 Oct 2023 20:21

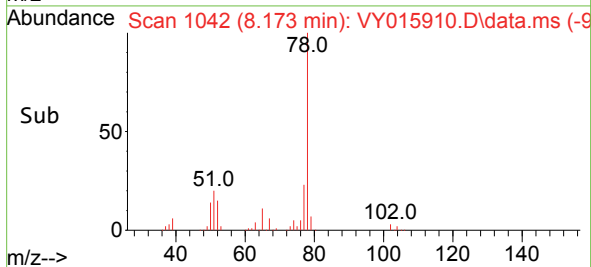
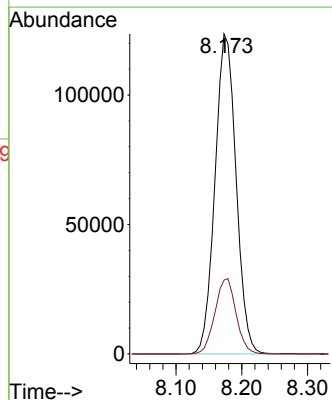
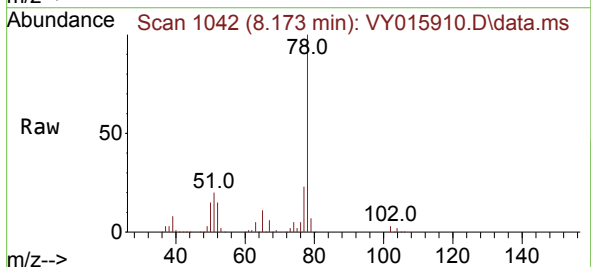
Instrument :
MSVOA_Y
ClientSampleId :

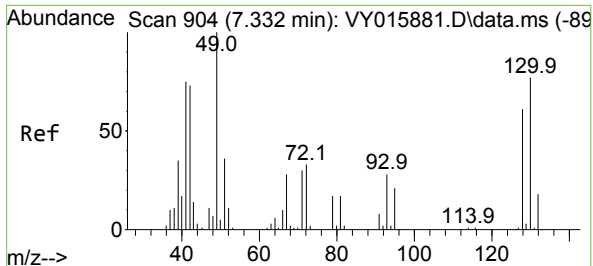
Tgt Ion: 83 Resp: 54807
Ion Ratio Lower Upper
83 100
55 69.8 63.0 94.4
98 48.5 37.4 56.2



#40
Benzene
Concen: 63.732 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY015910.D
Acq: 10 Oct 2023 20:21

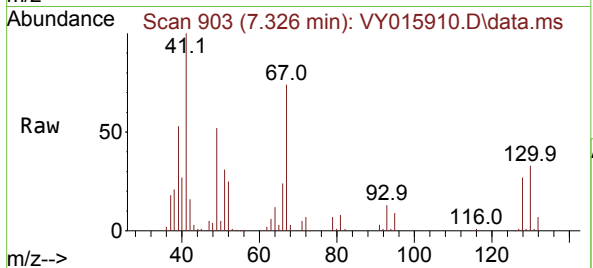
Tgt Ion: 78 Resp: 275766
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.6



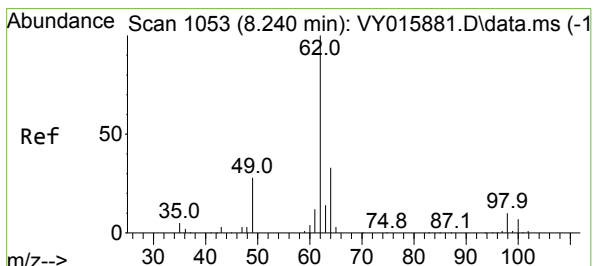
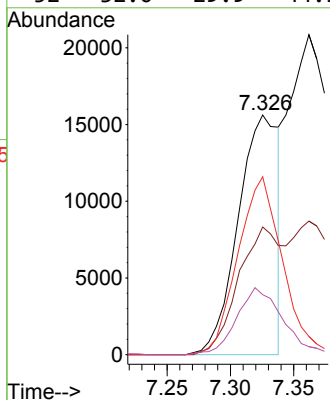
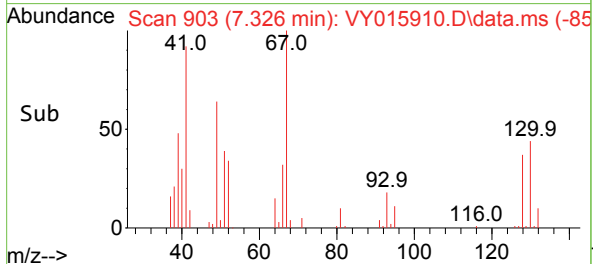


#41
Methacrylonitrile
Concen: 47.168 ug/l
RT: 7.326 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY015910.D
Acq: 10 Oct 2023 20:21

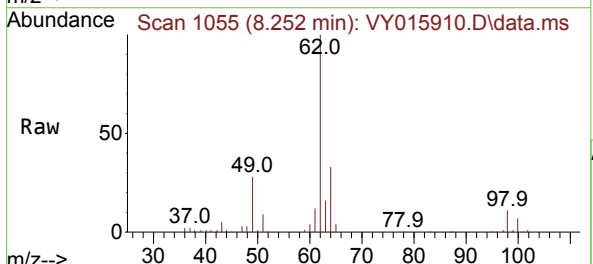
Instrument :
MSVOA_Y
ClientSampleId :



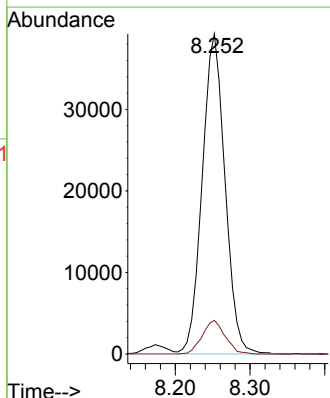
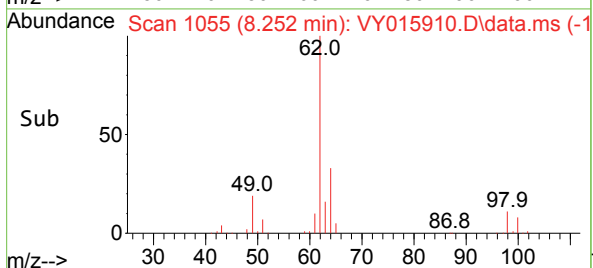
Tgt Ion: 41 Resp: 34692
Ion Ratio Lower Upper
41 100
39 59.6 52.1 78.1
67 82.6 66.2 99.2
52 32.0 29.9 44.9

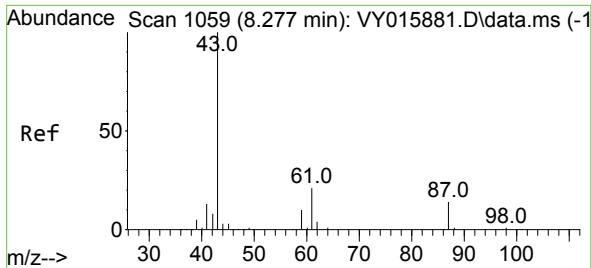


#42
1,2-Dichloroethane
Concen: 56.315 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.012 min
Lab File: VY015910.D
Acq: 10 Oct 2023 20:21



Tgt Ion: 62 Resp: 83063
Ion Ratio Lower Upper
62 100
98 10.5 0.0 15.8

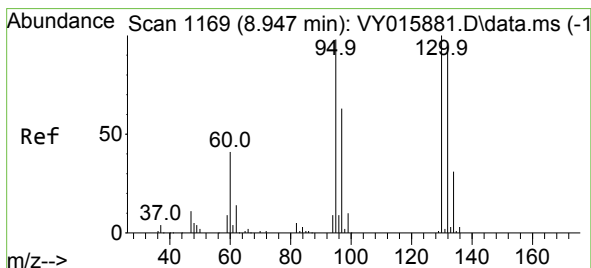
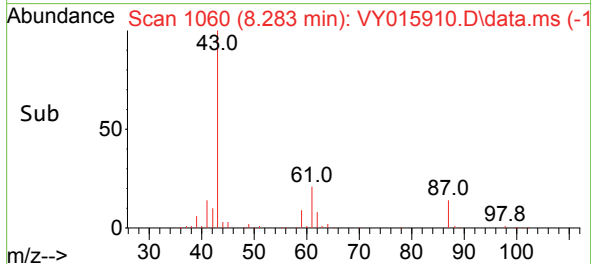
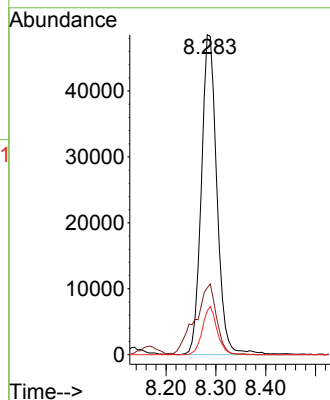
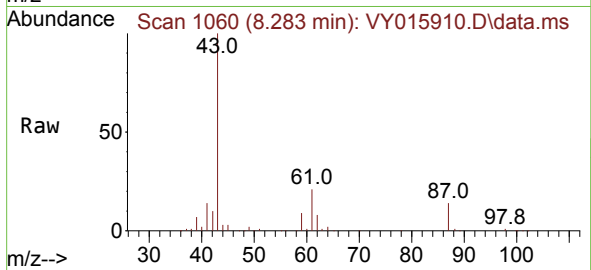




#43
Isopropyl Acetate
Concen: 47.993 ug/l
RT: 8.283 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VY015910.D
Acq: 10 Oct 2023 20:21

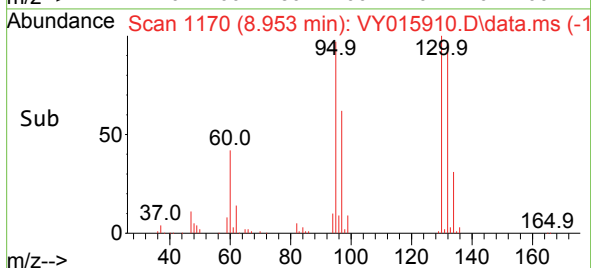
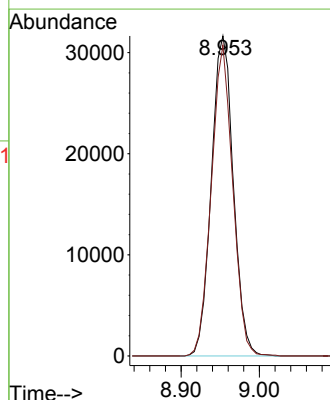
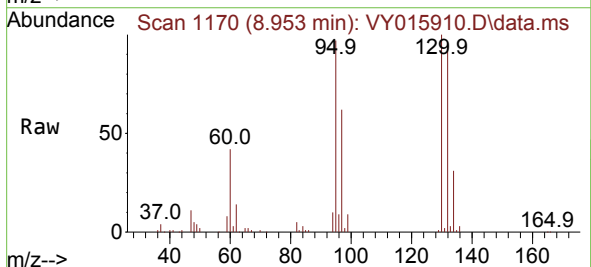
Instrument :
MSVOA_Y
ClientSampleId :

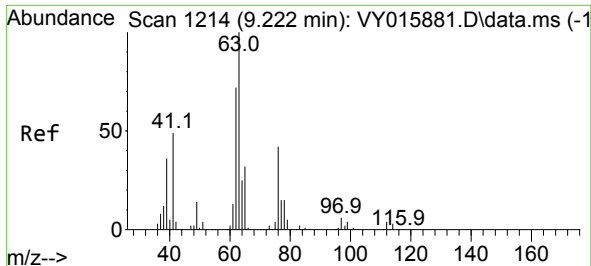
Tgt Ion: 43 Resp: 105050
Ion Ratio Lower Upper
43 100
61 30.4 21.1 31.7
87 14.2 9.8 14.8



#44
Trichloroethene
Concen: 49.279 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VY015910.D
Acq: 10 Oct 2023 20:21

Tgt Ion: 130 Resp: 61701
Ion Ratio Lower Upper
130 100
95 97.1 0.0 196.0





#45

1,2-Dichloropropane

Concen: 58.183 ug/l

RT: 9.228 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VY015910.D

Acq: 10 Oct 2023 20:21

Instrument :

MSVOA_Y

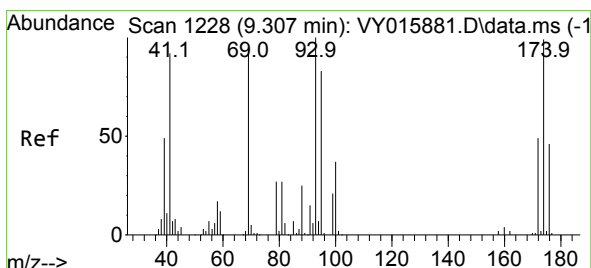
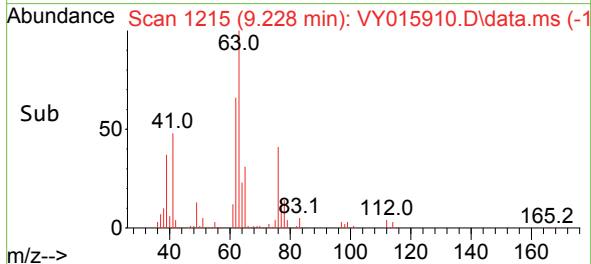
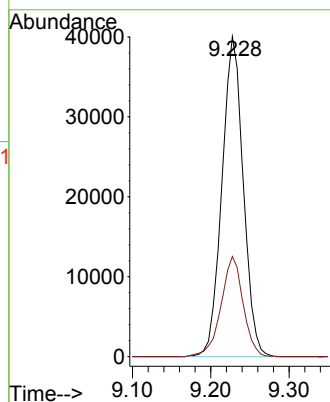
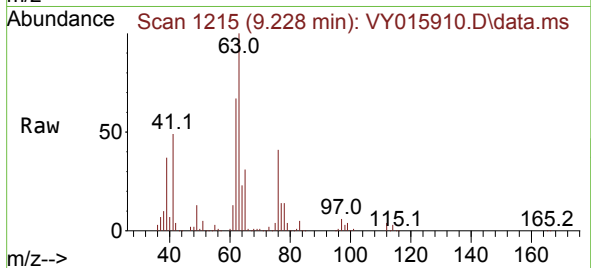
ClientSampleId :

Tgt Ion: 63 Resp: 75724

Ion Ratio Lower Upper

63 100

65 31.3 23.8 35.6



#46

Dibromomethane

Concen: 51.168 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY015910.D

Acq: 10 Oct 2023 20:21

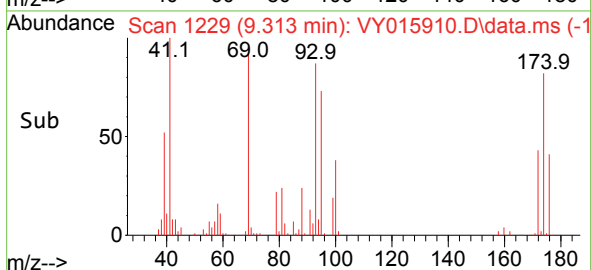
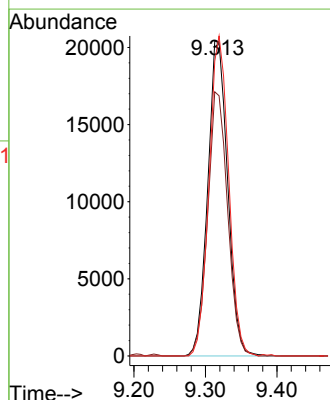
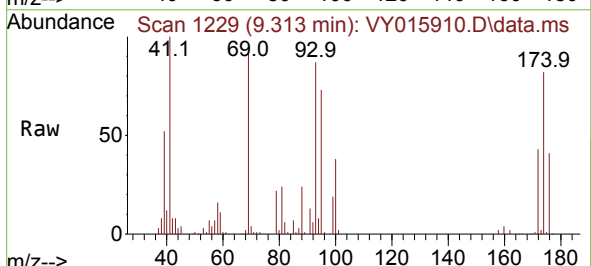
Tgt Ion: 93 Resp: 39630

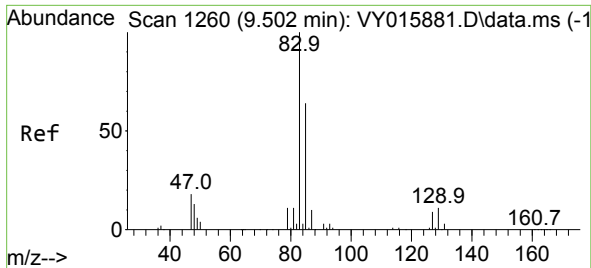
Ion Ratio Lower Upper

93 100

95 83.7 66.6 100.0

174 99.9 84.8 127.2

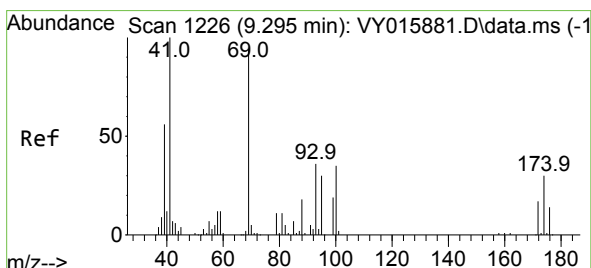
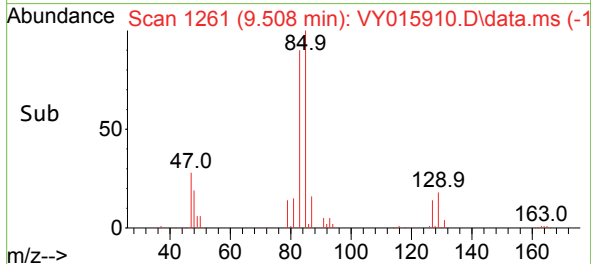
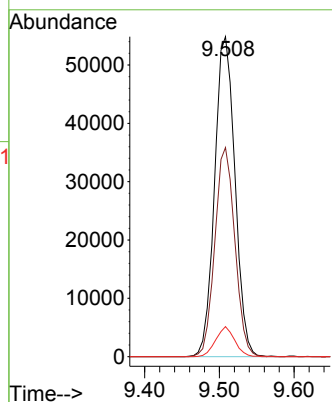
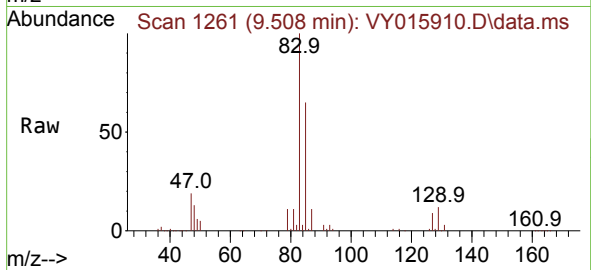




#47
Bromodichloromethane
Concen: 53.858 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VY015910.D
Acq: 10 Oct 2023 20:21

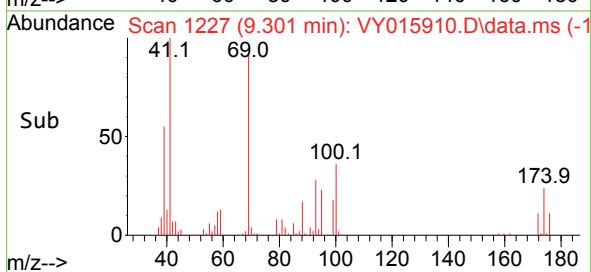
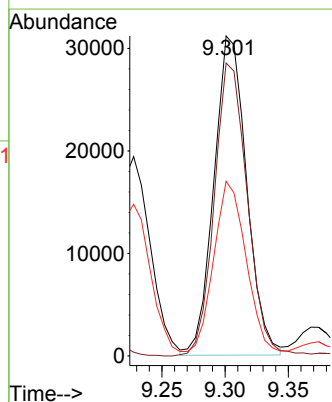
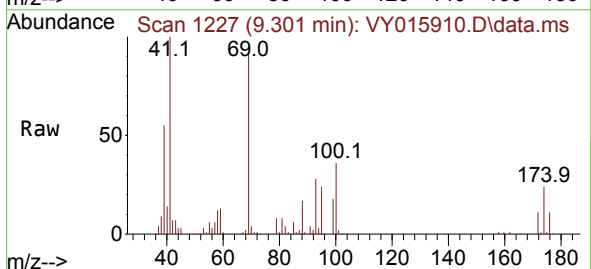
Instrument :
MSVOA_Y
ClientSampleId :

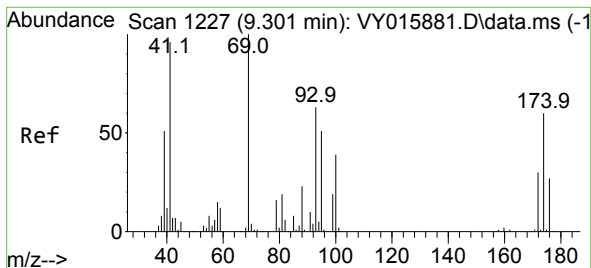
Tgt Ion: 83 Resp: 103742
Ion Ratio Lower Upper
83 100
85 65.4 50.1 75.1
127 9.4 7.1 10.7



#48
Methyl methacrylate
Concen: 57.961 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY015910.D
Acq: 10 Oct 2023 20:21

Tgt Ion: 41 Resp: 56028
Ion Ratio Lower Upper
41 100
69 92.6 64.5 96.7
39 54.8 50.8 76.2





#49

1,4-Dioxane

Concen: 1059.310 ug/l

RT: 9.307 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015910.D

Acq: 10 Oct 2023 20:21

Instrument :

MSVOA_Y

ClientSampleId :

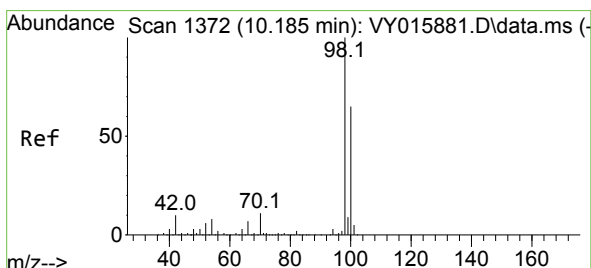
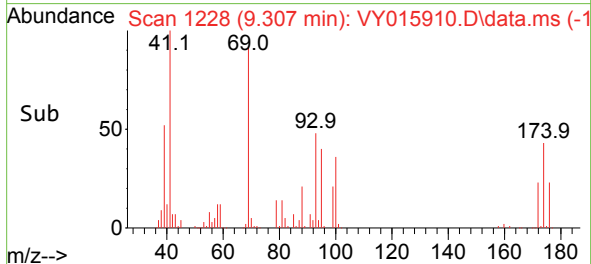
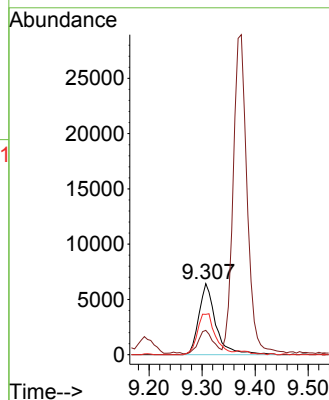
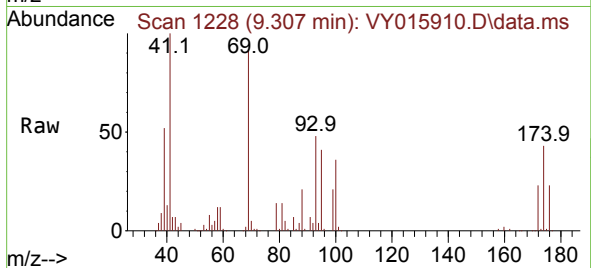
Tgt Ion: 88 Resp: 14262

Ion Ratio Lower Upper

88 100

43 29.1 0.0 0.0#

58 60.2 30.9 46.3#



#50

Toluene-d8

Concen: 46.267 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY015910.D

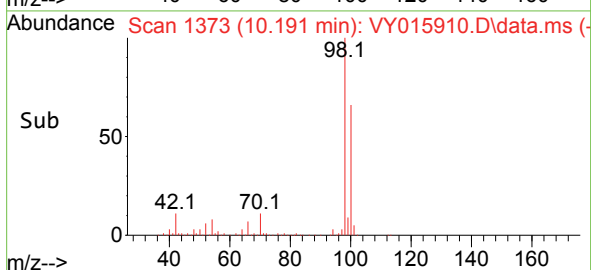
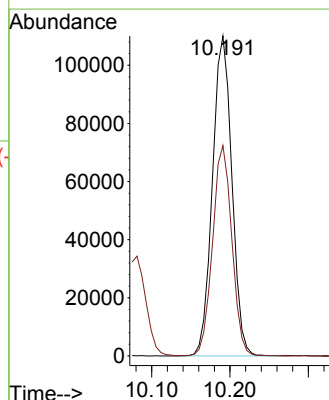
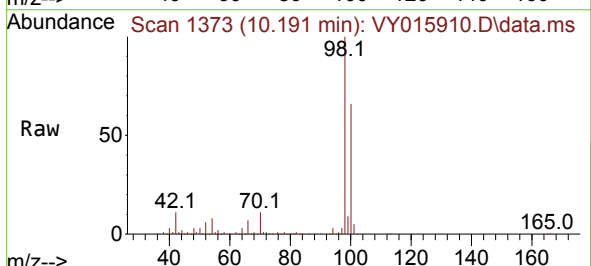
Acq: 10 Oct 2023 20:21

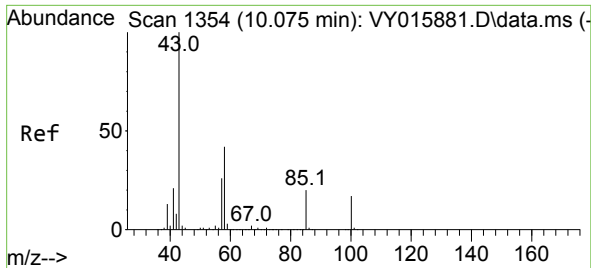
Tgt Ion: 98 Resp: 189563

Ion Ratio Lower Upper

98 100

100 65.4 50.1 75.1

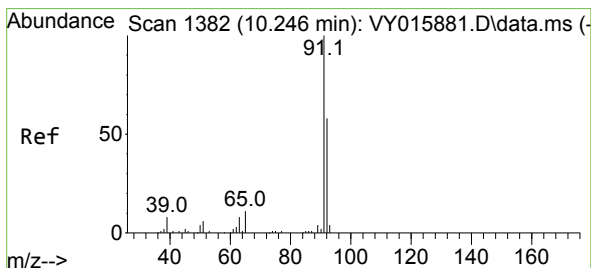
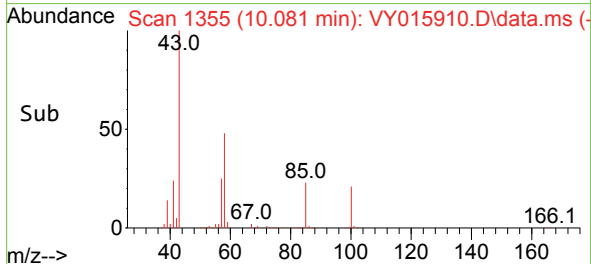
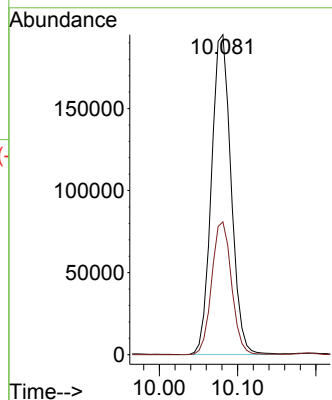
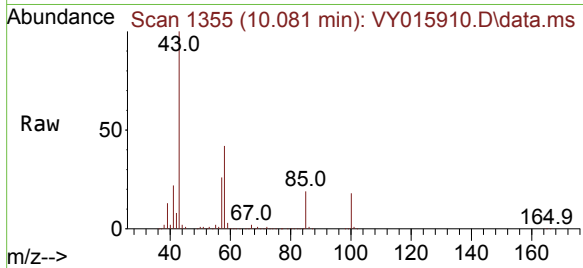




#51
4-Methyl-2-Pentanone
Concen: 259.511 ug/l
RT: 10.081 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015910.D
Acq: 10 Oct 2023 20:21

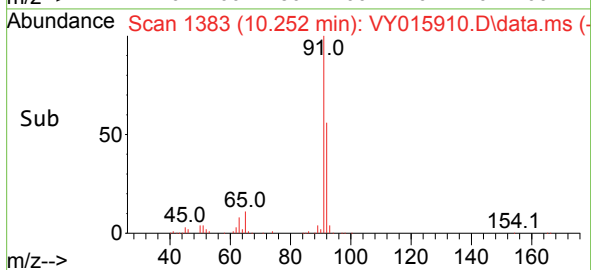
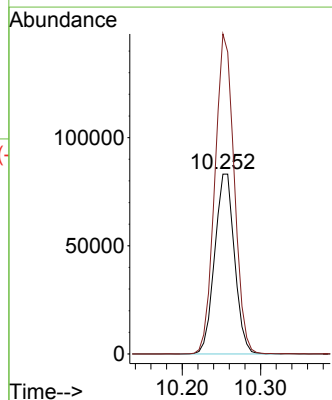
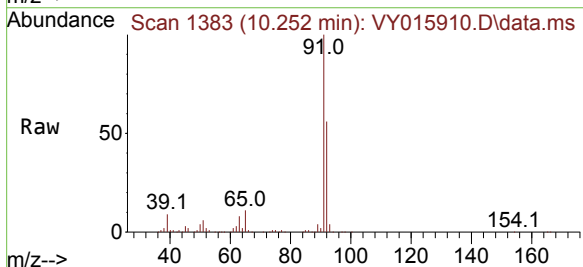
Instrument :
MSVOA_Y
ClientSampleId :

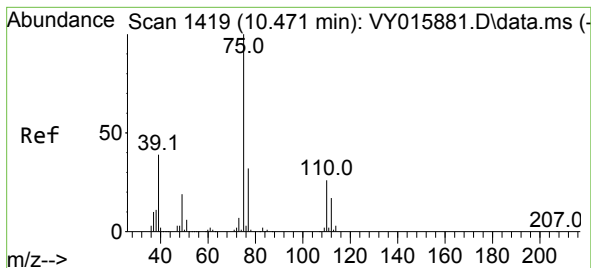
Tgt Ion: 43 Resp: 339850
Ion Ratio Lower Upper
43 100
58 42.0 29.0 43.6



#52
Toluene
Concen: 51.048 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY015910.D
Acq: 10 Oct 2023 20:21

Tgt Ion: 92 Resp: 146621
Ion Ratio Lower Upper
92 100
91 173.5 143.8 215.6

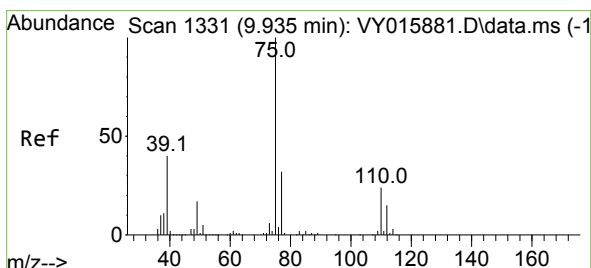
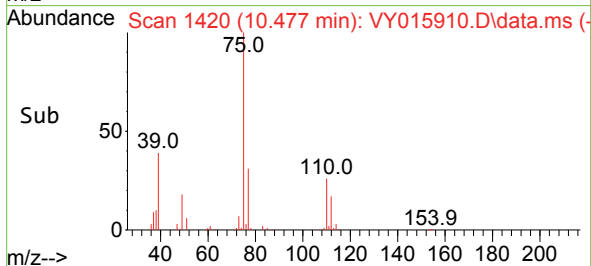
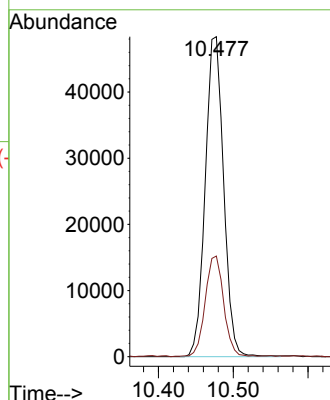
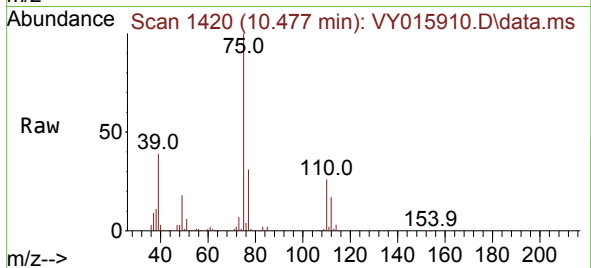




#53
 t-1,3-Dichloropropene
 Concen: 42.402 ug/l
 RT: 10.477 min Scan# 1419
 Delta R.T. 0.006 min
 Lab File: VY015910.D
 Acq: 10 Oct 2023 20:21

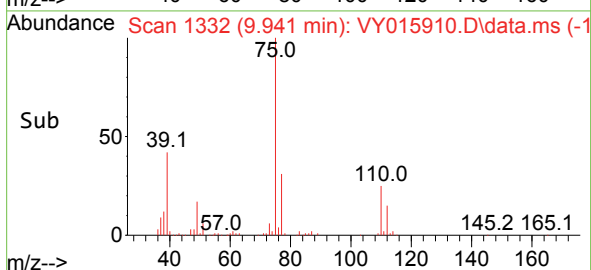
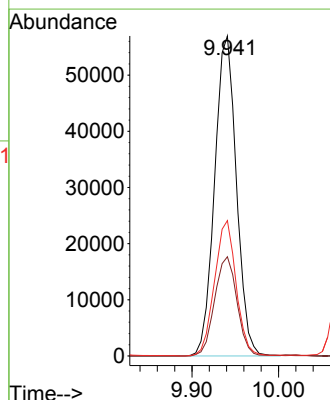
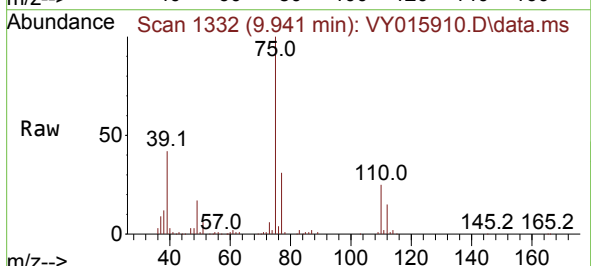
Instrument :
 MSVOA_Y
 ClientSampleId :

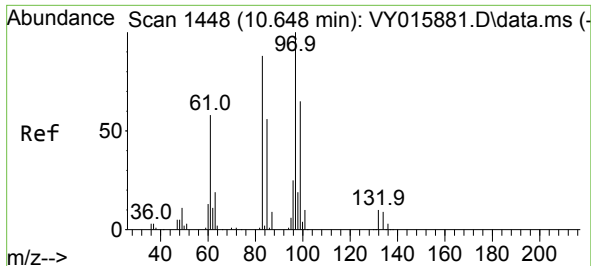
Tgt Ion: 75 Resp: 82571
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 47.057 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. 0.006 min
 Lab File: VY015910.D
 Acq: 10 Oct 2023 20:21

Tgt Ion: 75 Resp: 99540
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.2 36.4
 39 42.3 42.2 63.4

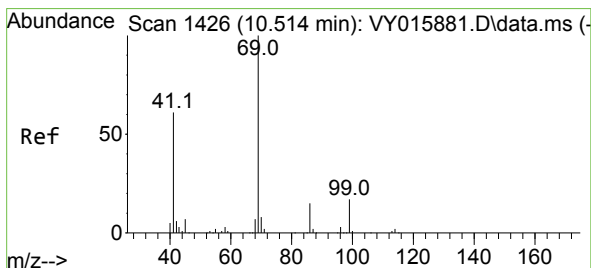
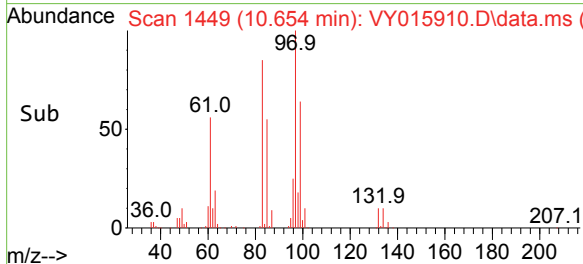
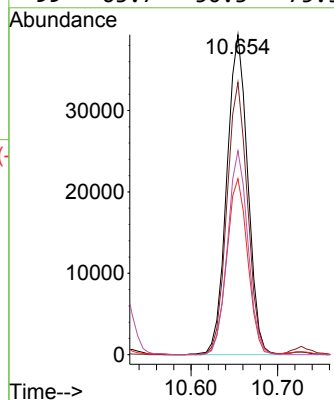
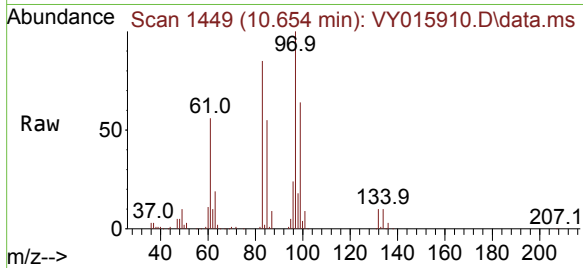




#55
1,1,2-Trichloroethane
Concen: 53.595 ug/l
RT: 10.654 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VY015910.D
Acq: 10 Oct 2023 20:21

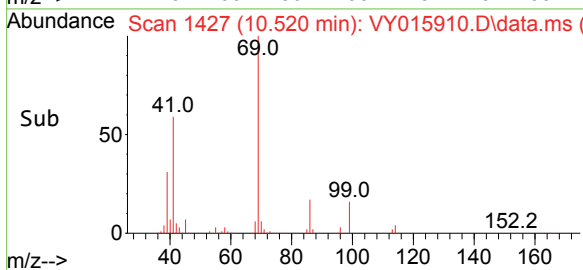
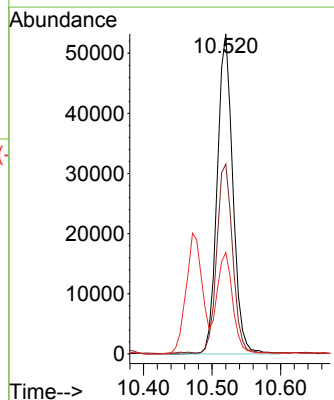
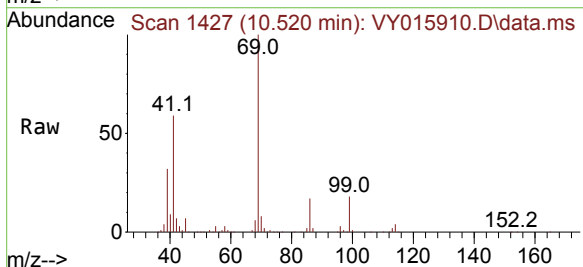
Instrument :
MSVOA_Y
ClientSampleId :

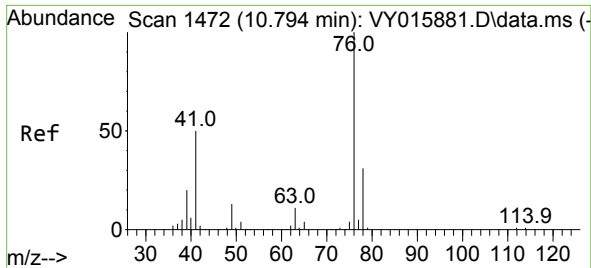
Tgt Ion: 97 Resp: 66095
Ion Ratio Lower Upper
97 100
83 85.1 72.0 108.0
85 55.0 45.4 68.0
99 63.7 50.3 75.5



#56
Ethyl methacrylate
Concen: 50.340 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.006 min
Lab File: VY015910.D
Acq: 10 Oct 2023 20:21

Tgt Ion: 69 Resp: 84283
Ion Ratio Lower Upper
69 100
41 59.7 57.6 86.4
39 31.8 34.1 51.1#

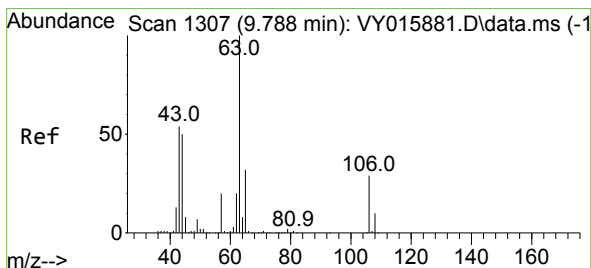
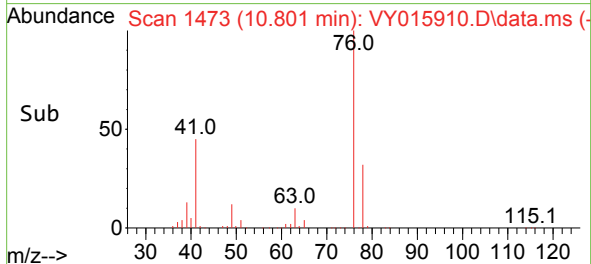
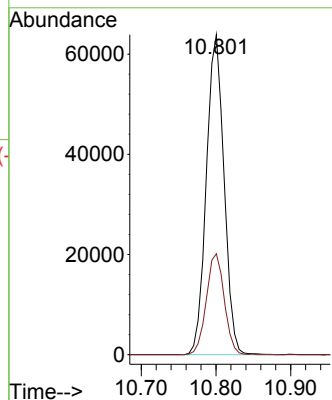
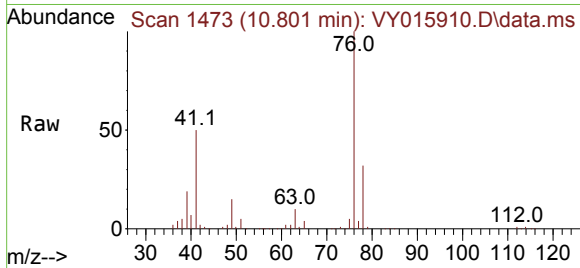




#57
1,3-Dichloropropane
Concen: 52.840 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VY015910.D
Acq: 10 Oct 2023 20:21

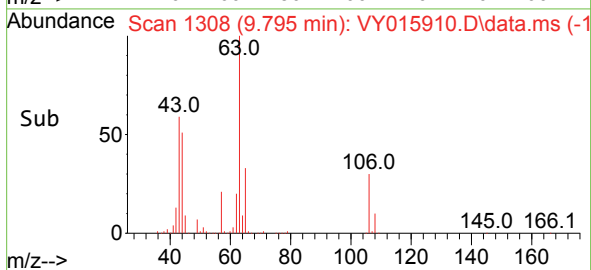
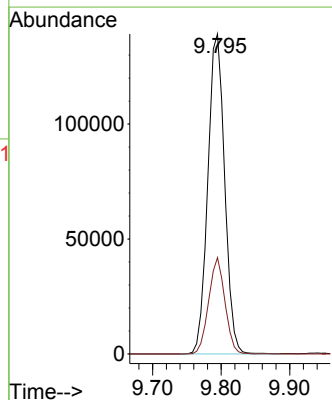
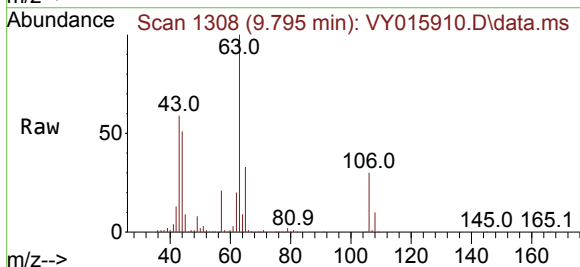
Instrument :
MSVOA_Y
ClientSampleId :

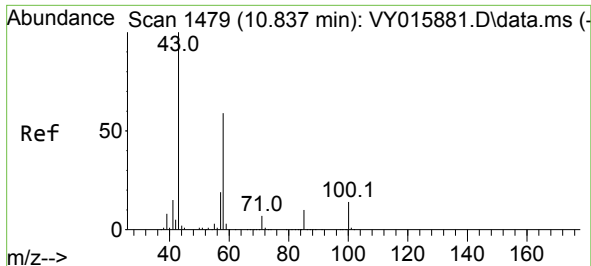
Tgt Ion: 76 Resp: 105061
Ion Ratio Lower Upper
76 100
78 32.1 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 233.154 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. 0.006 min
Lab File: VY015910.D
Acq: 10 Oct 2023 20:21

Tgt Ion: 63 Resp: 237930
Ion Ratio Lower Upper
63 100
106 29.1 21.2 31.8

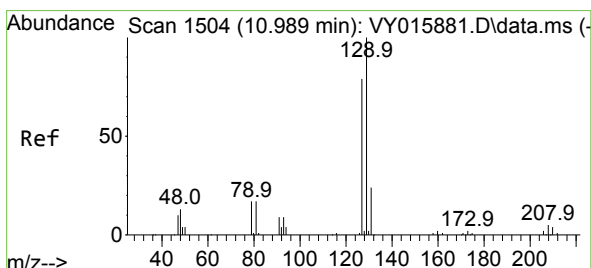
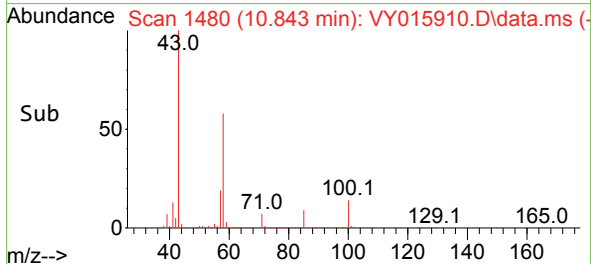
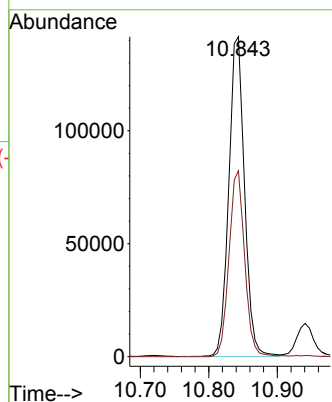
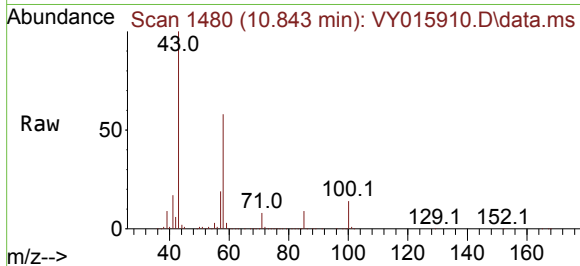




#59
2-Hexanone
Concen: 228.124 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY015910.D
Acq: 10 Oct 2023 20:21

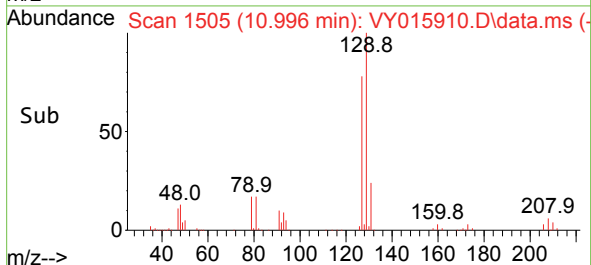
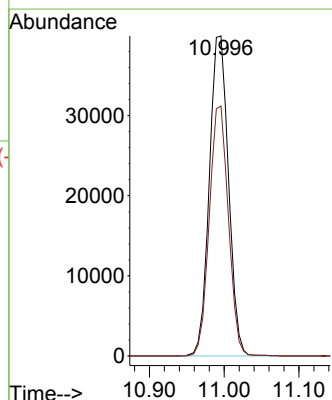
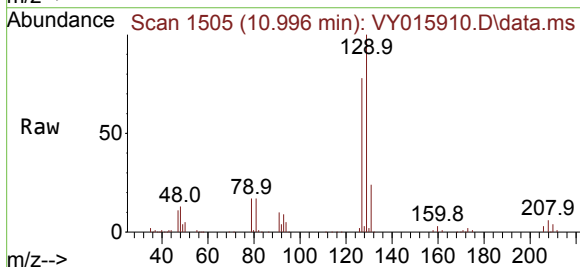
Instrument :
MSVOA_Y
ClientSampleId :

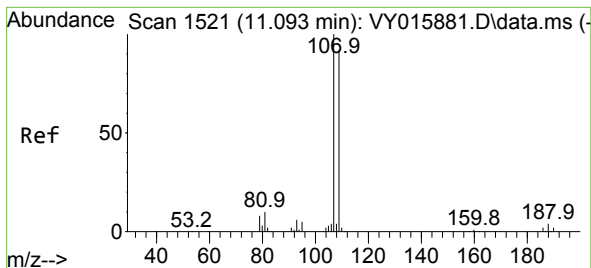
Tgt Ion: 43 Resp: 226017
Ion Ratio Lower Upper
43 100
58 57.7 25.1 75.3



#60
Dibromochloromethane
Concen: 48.039 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.006 min
Lab File: VY015910.D
Acq: 10 Oct 2023 20:21

Tgt Ion:129 Resp: 71022
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.5

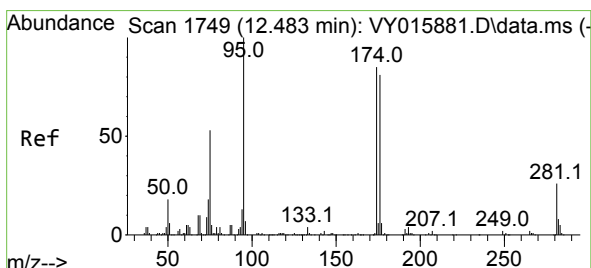
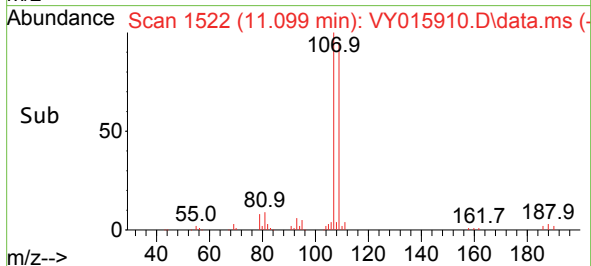
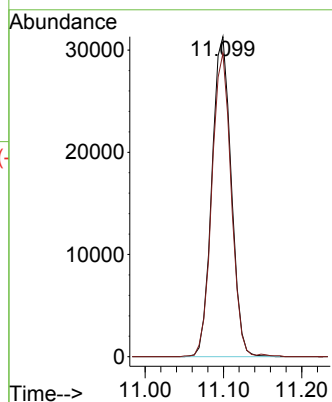
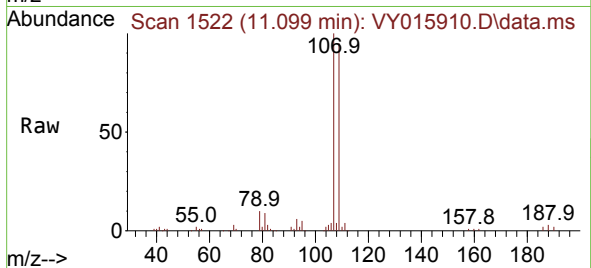




#61
1,2-Dibromoethane
Concen: 47.606 ug/l
RT: 11.099 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015910.D
Acq: 10 Oct 2023 20:21

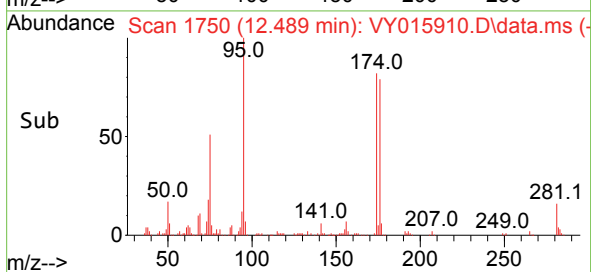
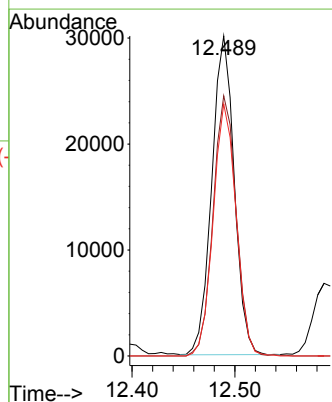
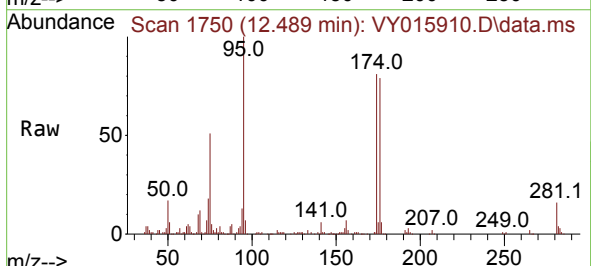
Instrument :
MSVOA_Y
ClientSampleId :

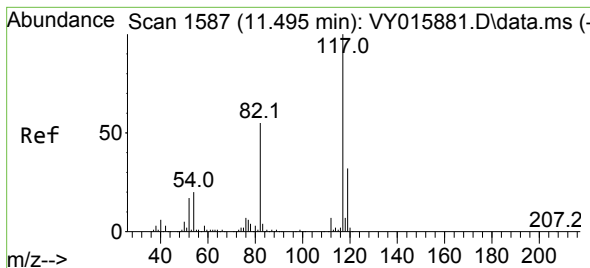
Tgt Ion:107 Resp: 53621
Ion Ratio Lower Upper
107 100
109 94.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 27.365 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY015910.D
Acq: 10 Oct 2023 20:21

Tgt Ion: 95 Resp: 45540
Ion Ratio Lower Upper
95 100
174 84.0 0.0 178.2
176 80.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015910.D

Acq: 10 Oct 2023 20:21

Instrument :

MSVOA_Y

ClientSampleId :

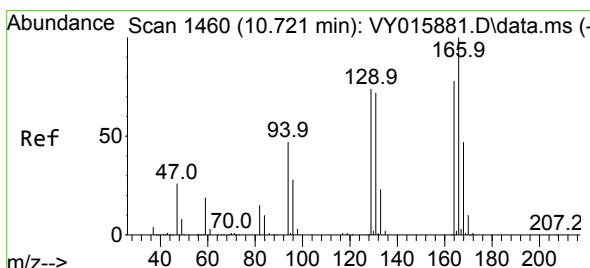
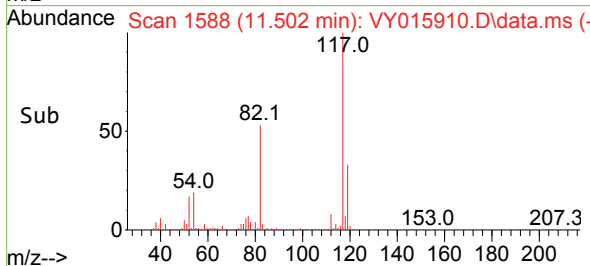
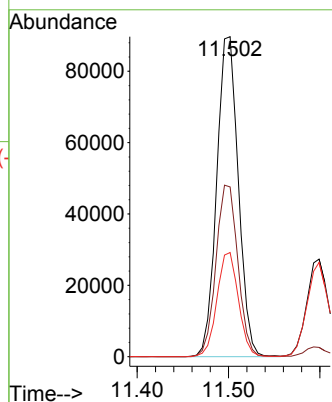
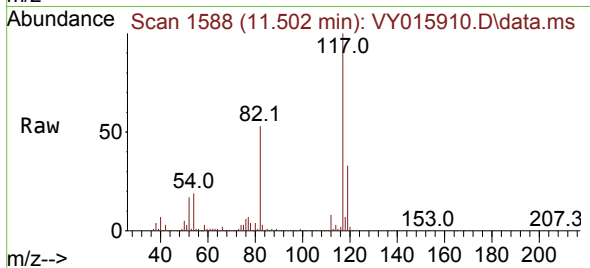
Tgt Ion:117 Resp: 147400

Ion Ratio Lower Upper

117 100

82 53.0 43.4 65.0

119 32.6 26.3 39.5



#64

Tetrachloroethene

Concen: 46.975 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. 0.006 min

Lab File: VY015910.D

Acq: 10 Oct 2023 20:21

Tgt Ion:164 Resp: 45187

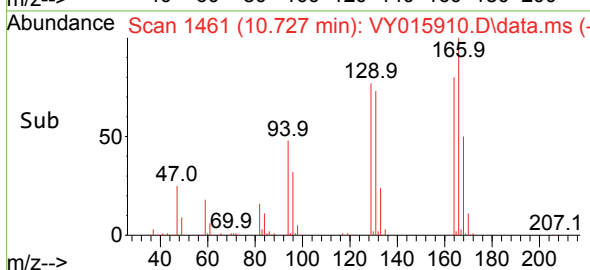
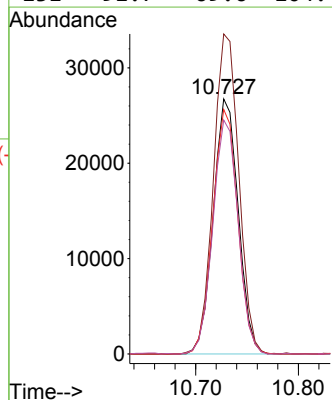
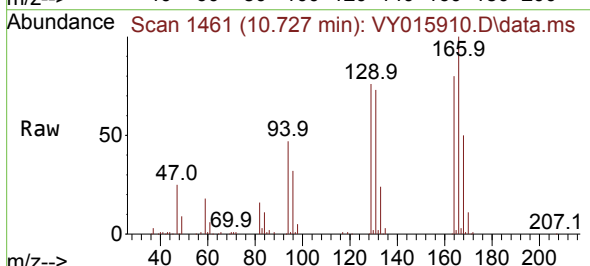
Ion Ratio Lower Upper

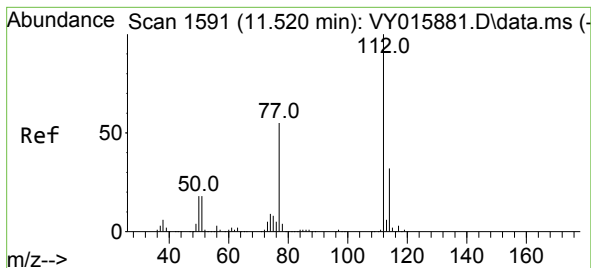
164 100

166 125.5 103.0 154.6

129 95.9 77.2 115.8

131 91.7 69.6 104.4





#65

Chlorobenzene

Concen: 52.521 ug/l

RT: 11.526 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015910.D

Acq: 10 Oct 2023 20:21

Instrument :

MSVOA_Y

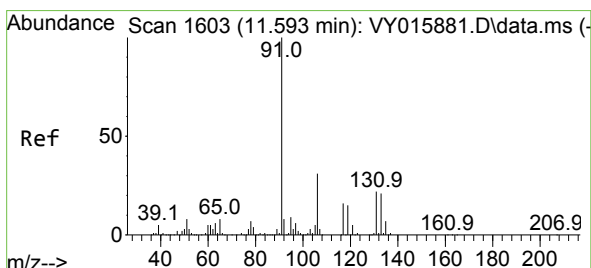
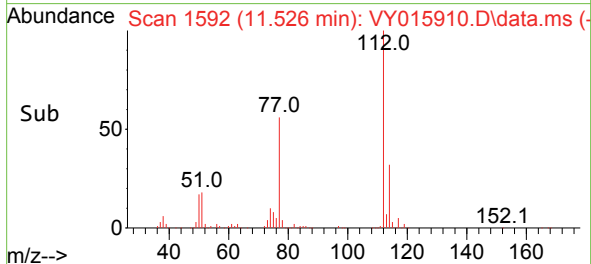
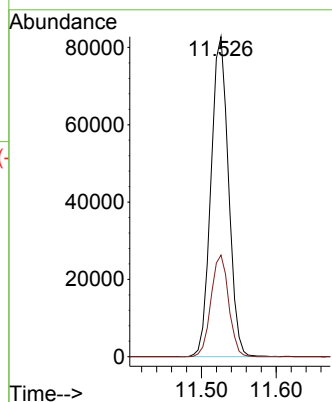
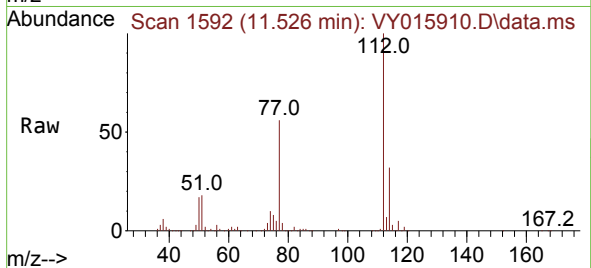
ClientSampleId :

Tgt Ion:112 Resp: 135035

Ion Ratio Lower Upper

112 100

114 31.7 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 62.644 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.006 min

Lab File: VY015910.D

Acq: 10 Oct 2023 20:21

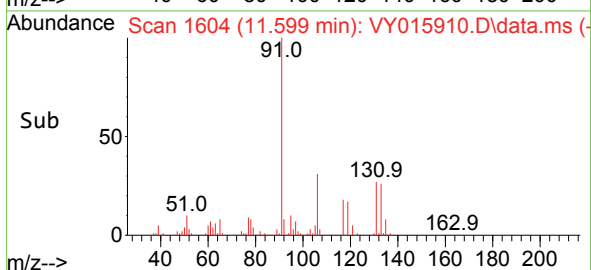
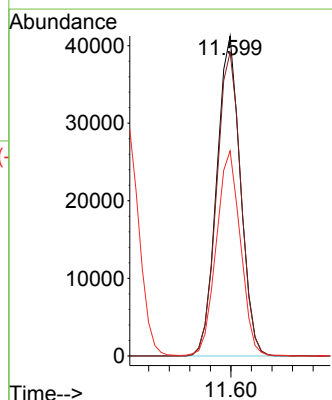
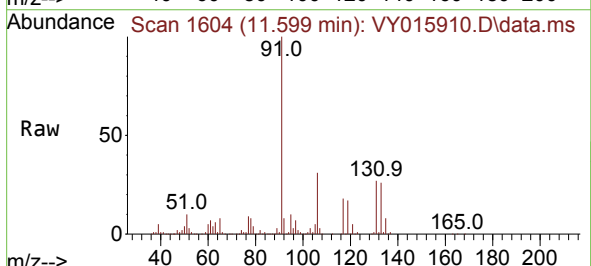
Tgt Ion:131 Resp: 65831

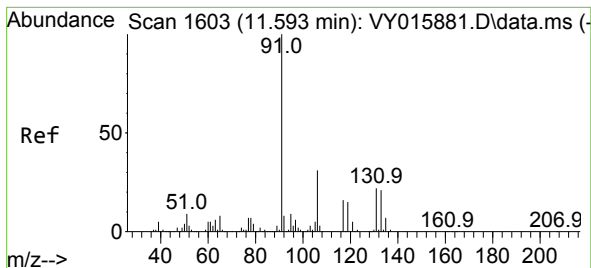
Ion Ratio Lower Upper

131 100

133 97.3 47.5 142.6

119 65.5 31.6 94.7





#67

Ethyl Benzene

Concen: 53.885 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.006 min

Lab File: VY015910.D

Acq: 10 Oct 2023 20:21

Instrument :

MSVOA_Y

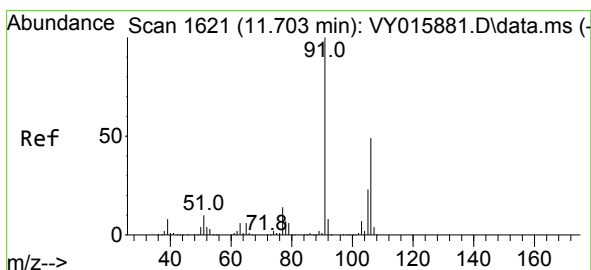
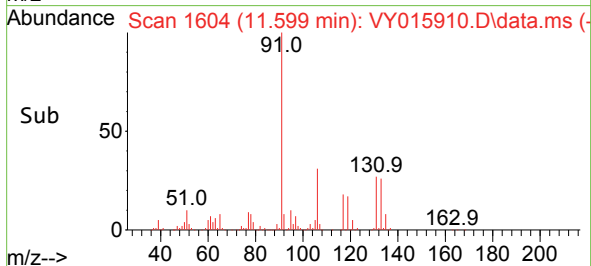
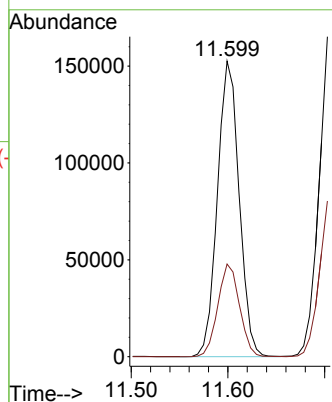
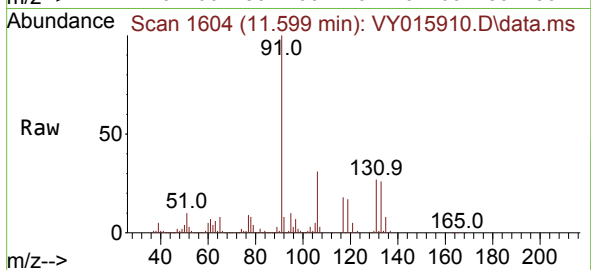
ClientSampleId :

Tgt Ion: 91 Resp: 237680

Ion Ratio Lower Upper

91 100

106 31.3 24.6 36.8



#68

m/p-Xylenes

Concen: 103.794 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.006 min

Lab File: VY015910.D

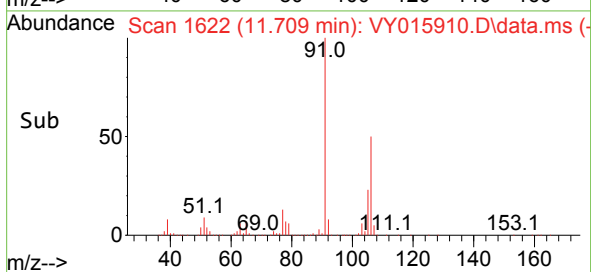
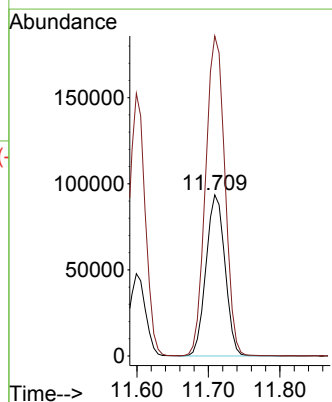
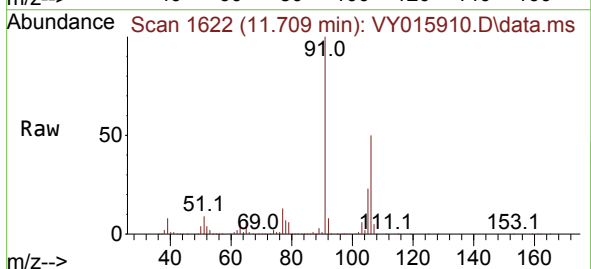
Acq: 10 Oct 2023 20:21

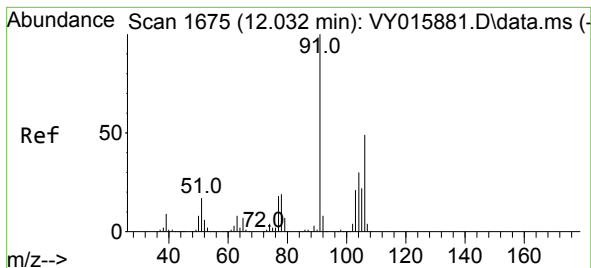
Tgt Ion:106 Resp: 172513

Ion Ratio Lower Upper

106 100

91 201.7 166.1 249.1





#69

o-Xylene

Concen: 55.125 ug/l

RT: 12.038 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015910.D

Acq: 10 Oct 2023 20:21

Instrument :

MSVOA_Y

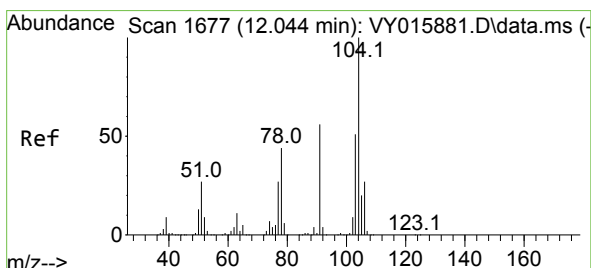
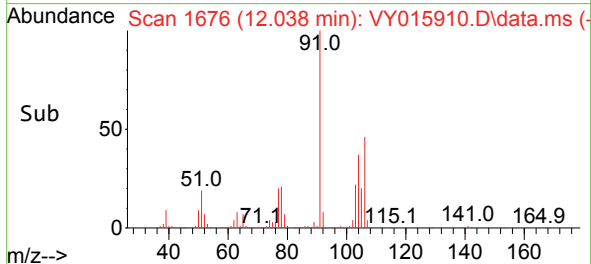
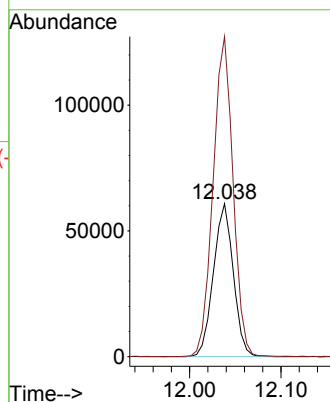
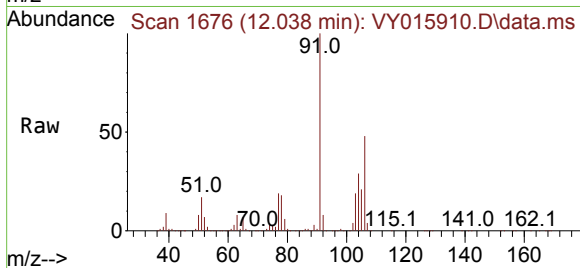
ClientSampleId :

Tgt Ion:106 Resp: 91671

Ion Ratio Lower Upper

106 100

91 210.7 108.1 324.3



#70

Styrene

Concen: 46.933 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.006 min

Lab File: VY015910.D

Acq: 10 Oct 2023 20:21

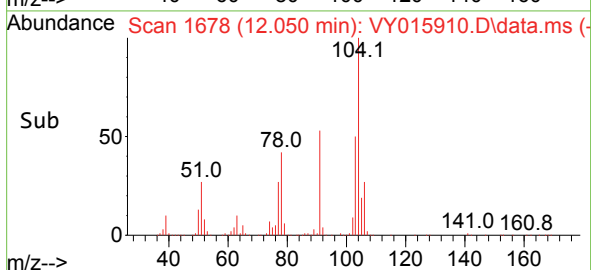
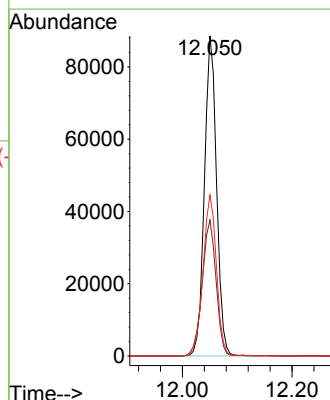
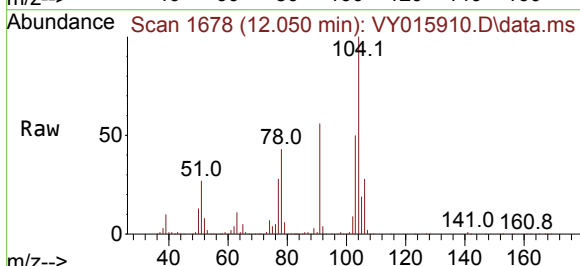
Tgt Ion:104 Resp: 136174

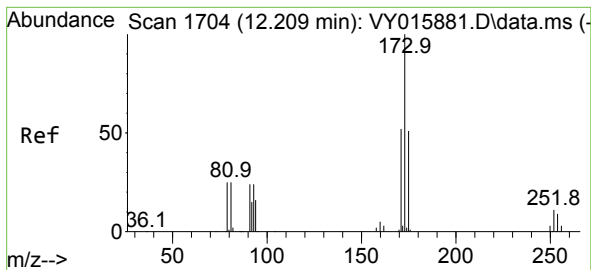
Ion Ratio Lower Upper

104 100

78 48.3 41.5 62.3

103 55.5 44.6 67.0





#71

Bromoform

Concen: 57.763 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015910.D

Acq: 10 Oct 2023 20:21

Instrument :

MSVOA_Y

ClientSampleId :

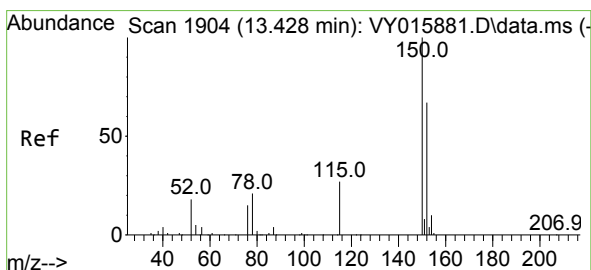
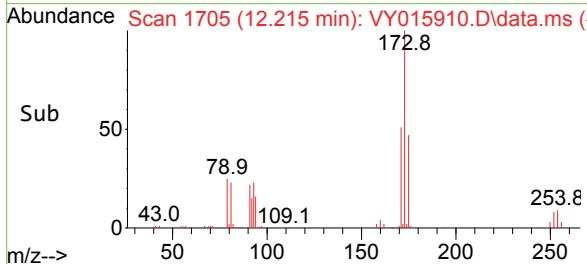
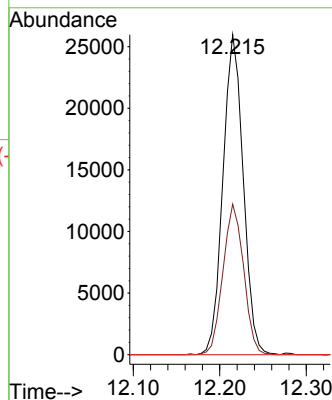
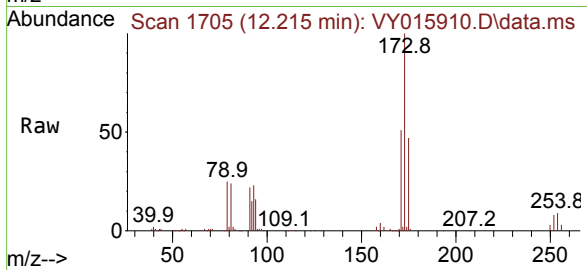
Tgt Ion:173 Resp: 42270

Ion Ratio Lower Upper

173 100

175 47.9 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY015910.D

Acq: 10 Oct 2023 20:21

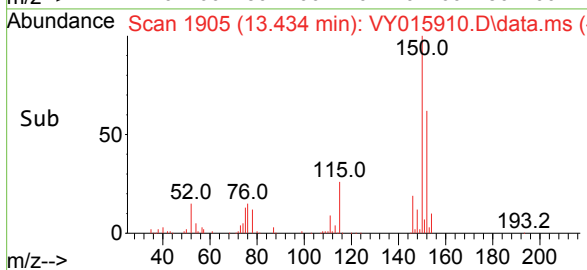
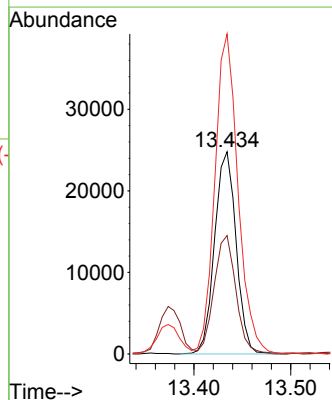
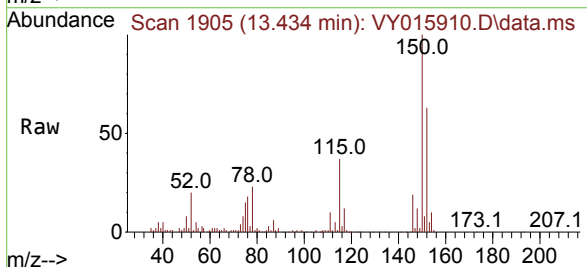
Tgt Ion:152 Resp: 38294

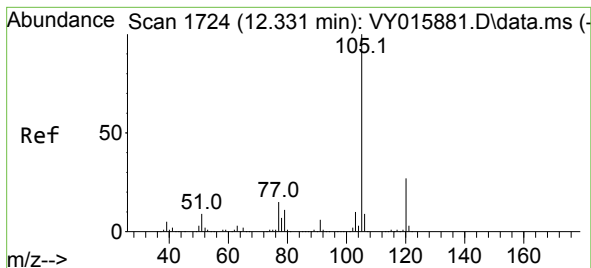
Ion Ratio Lower Upper

152 100

115 58.7 28.8 86.5

150 170.5 0.0 348.8





#73

Isopropylbenzene

Concen: 80.883 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015910.D

Acq: 10 Oct 2023 20:21

Instrument :

MSVOA_Y

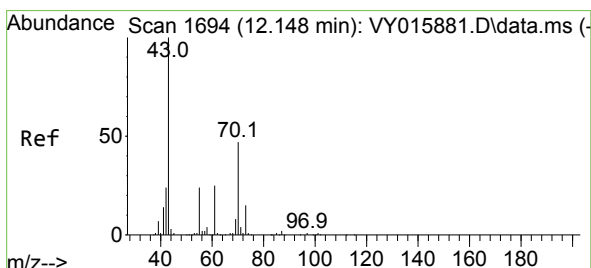
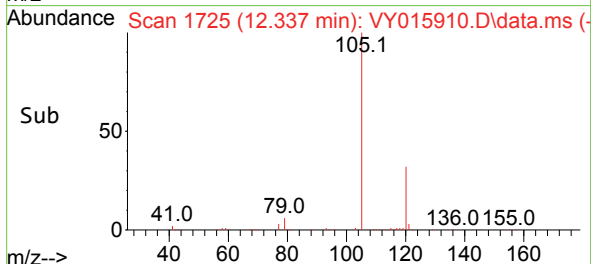
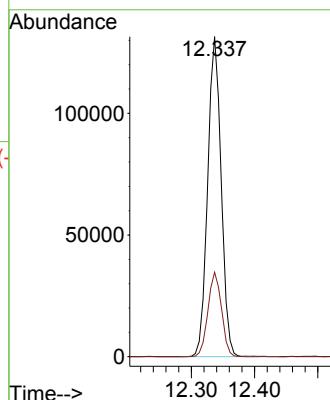
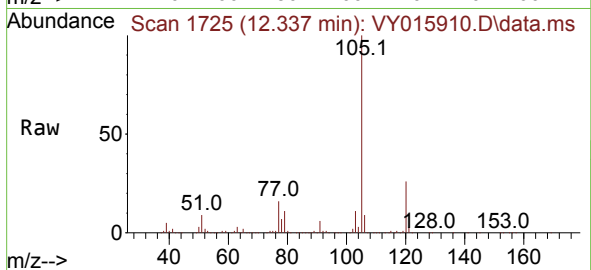
ClientSampleId :

Tgt Ion:105 Resp: 195383

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.9



#74

N-ethyl acetate

Concen: 7.193 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.006 min

Lab File: VY015910.D

Acq: 10 Oct 2023 20:21

Tgt Ion: 43 Resp: 5476

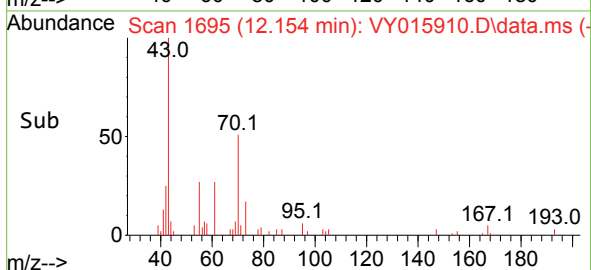
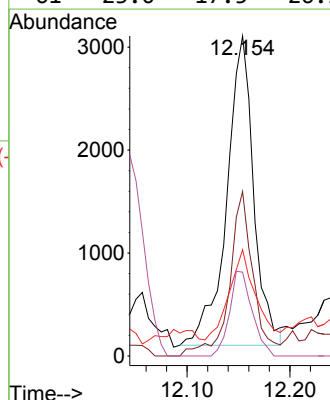
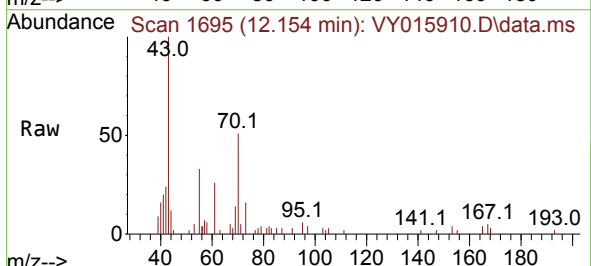
Ion Ratio Lower Upper

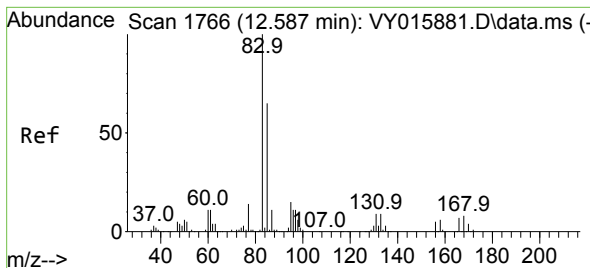
43 100

70 46.7 29.7 44.5#

55 28.5 18.3 27.5#

61 23.0 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 107.638 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY015910.D

Acq: 10 Oct 2023 20:21

Instrument :

MSVOA_Y

ClientSampleId :

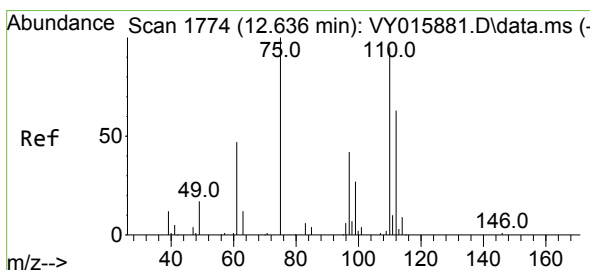
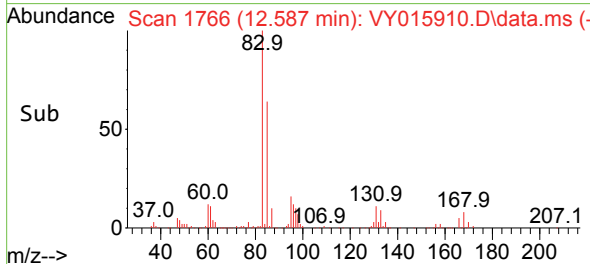
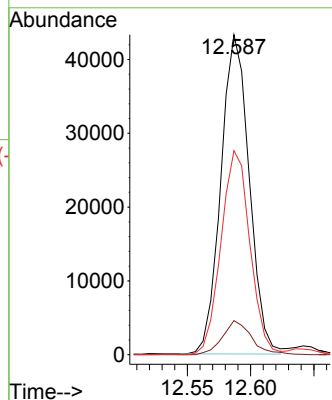
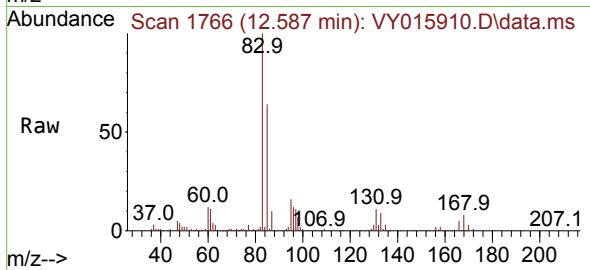
Tgt Ion: 83 Resp: 67421

Ion Ratio Lower Upper

83 100

131 10.9 5.4 16.2

85 65.1 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 178.621 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY015910.D

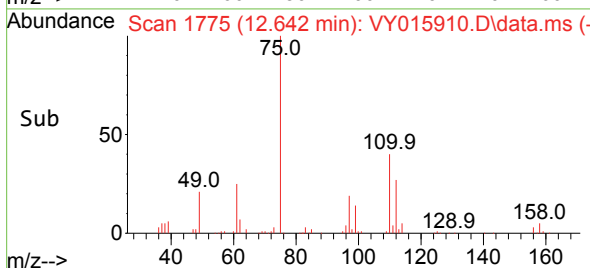
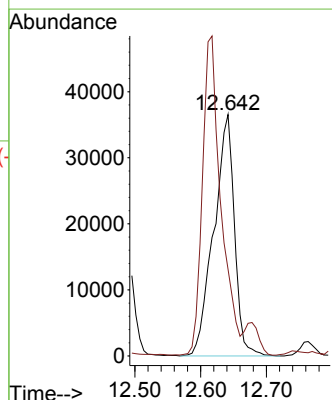
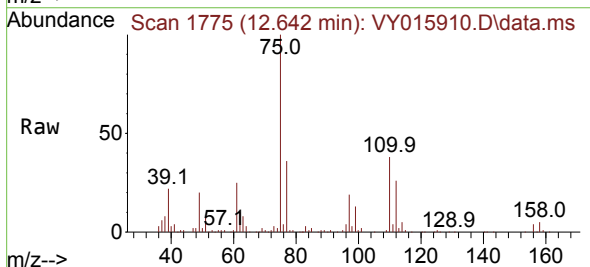
Acq: 10 Oct 2023 20:21

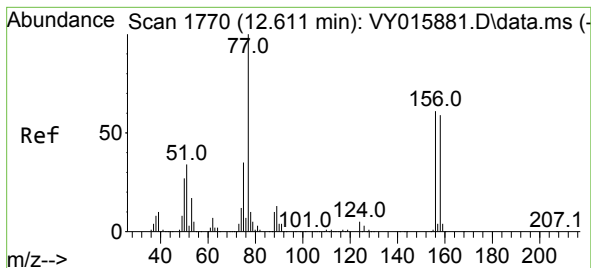
Tgt Ion: 75 Resp: 79850

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 77.720 ug/l

RT: 12.617 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015910.D

Acq: 10 Oct 2023 20:21

Instrument :

MSVOA_Y

ClientSampleId :

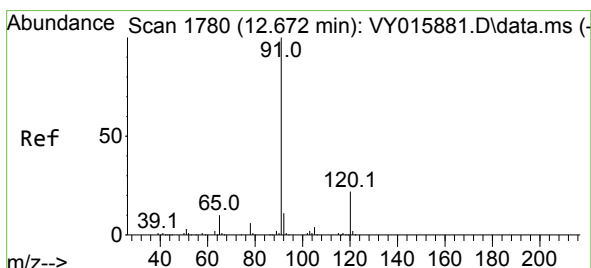
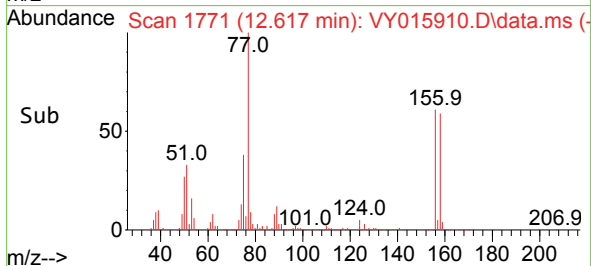
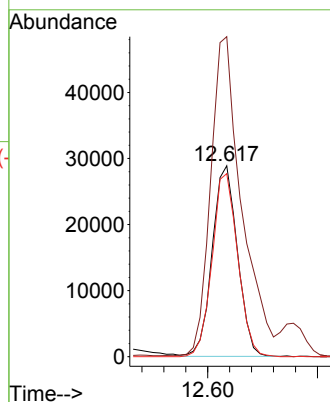
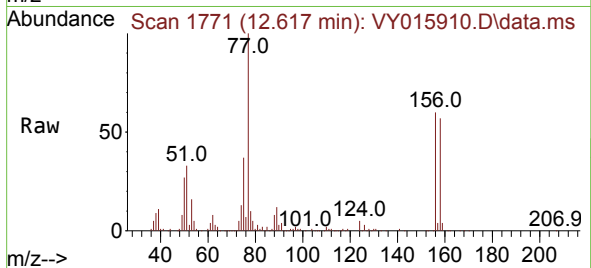
Tgt Ion:156 Resp: 46035

Ion Ratio Lower Upper

156 100

77 205.0 92.8 278.6

158 97.7 48.4 145.3



#78

n-propylbenzene

Concen: 66.376 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.006 min

Lab File: VY015910.D

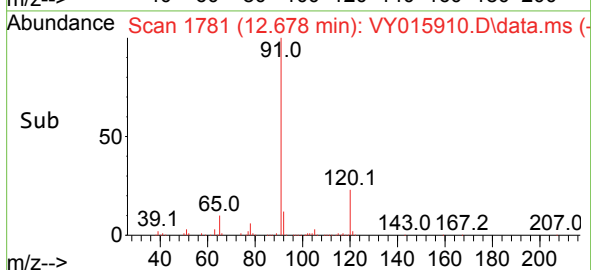
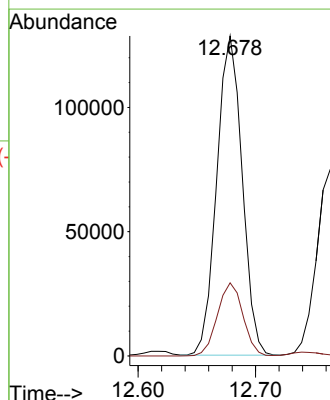
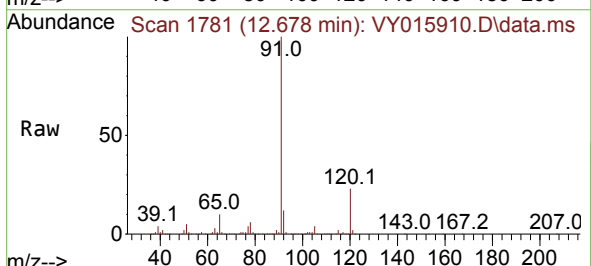
Acq: 10 Oct 2023 20:21

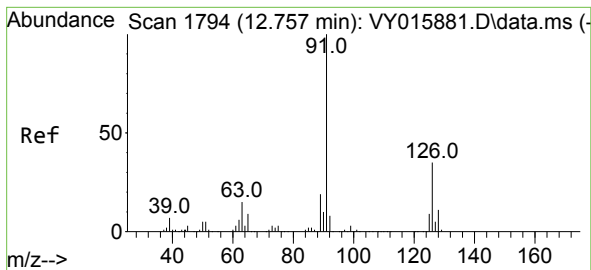
Tgt Ion: 91 Resp: 192821

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 70.094 ug/l

RT: 12.764 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015910.D

Acq: 10 Oct 2023 20:21

Instrument :

MSVOA_Y

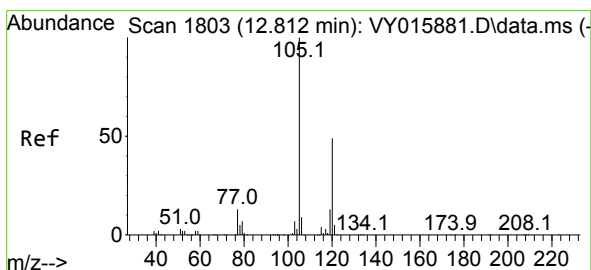
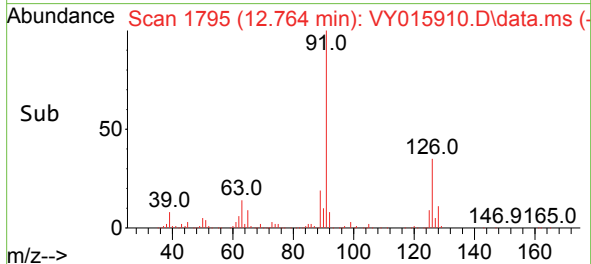
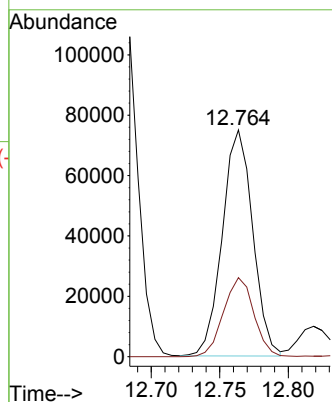
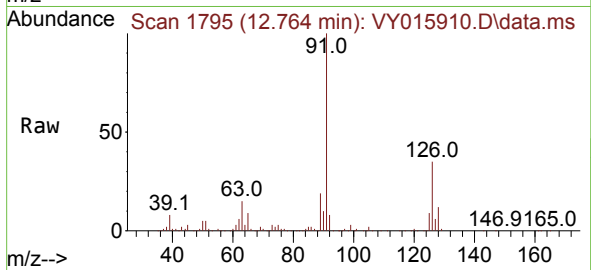
ClientSampleId :

Tgt Ion: 91 Resp: 115989

Ion Ratio Lower Upper

91 100

126 34.9 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 70.173 ug/l

RT: 12.818 min Scan# 1804

Delta R.T. 0.006 min

Lab File: VY015910.D

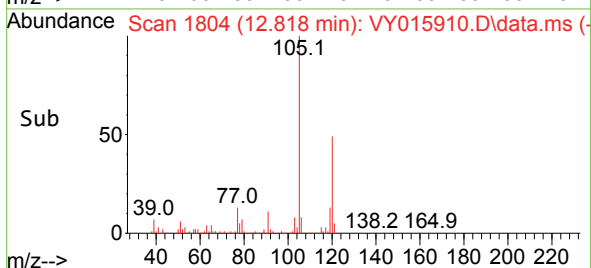
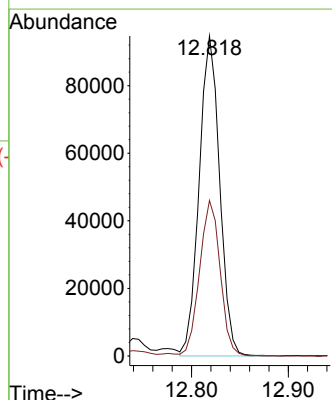
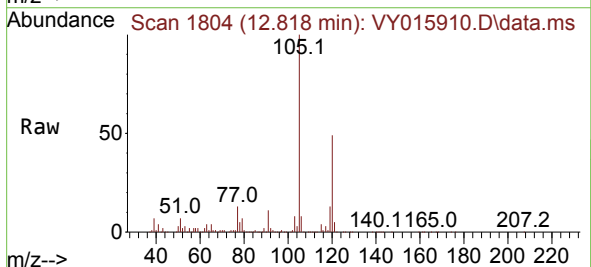
Acq: 10 Oct 2023 20:21

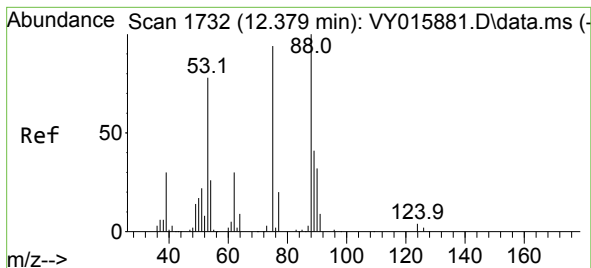
Tgt Ion:105 Resp: 139710

Ion Ratio Lower Upper

105 100

120 49.1 23.9 71.7

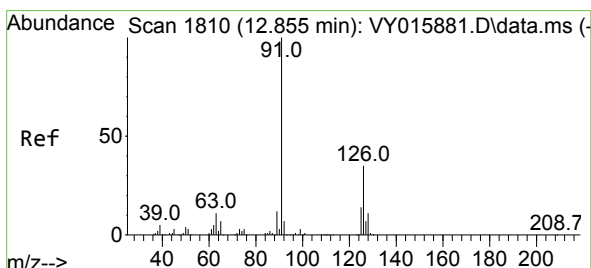
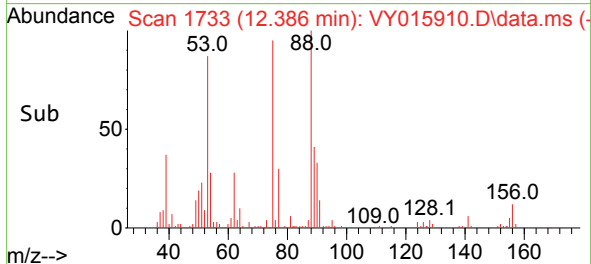
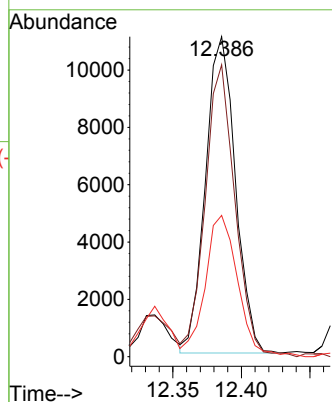
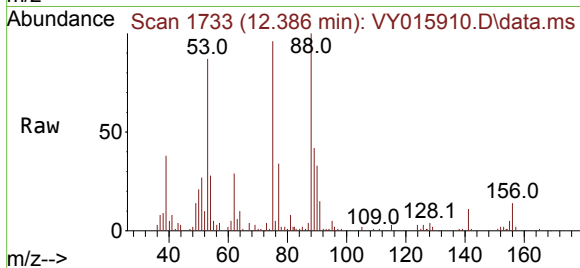




#81
trans-1,4-Dichloro-2-butene
Concen: 83.038 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.006 min
Lab File: VY015910.D
Acq: 10 Oct 2023 20:21

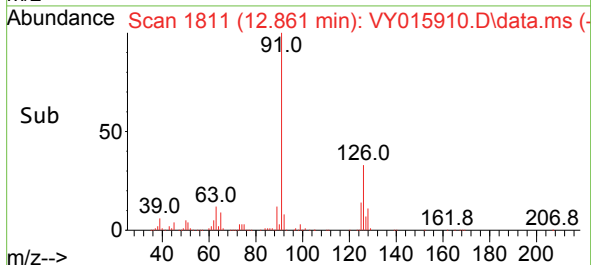
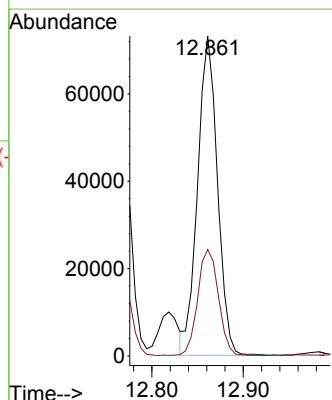
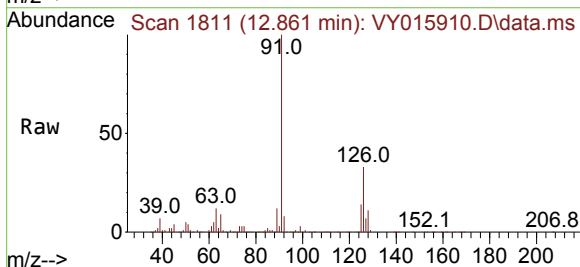
Instrument :
MSVOA_Y
ClientSampleId :

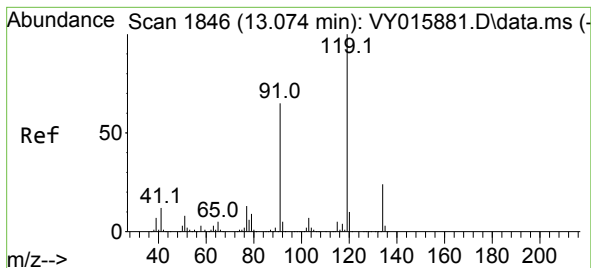
Tgt Ion: 75 Resp: 16740
Ion Ratio Lower Upper
75 100
53 92.5 77.8 116.8
89 48.6 37.4 56.0



#82
4-Chlorotoluene
Concen: 63.894 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY015910.D
Acq: 10 Oct 2023 20:21

Tgt Ion: 91 Resp: 110179
Ion Ratio Lower Upper
91 100
126 34.7 17.2 51.6





#83

tert-Butylbenzene

Concen: 62.715 ug/l

RT: 13.081 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015910.D

Acq: 10 Oct 2023 20:21

Instrument :

MSVOA_Y

ClientSampleId :

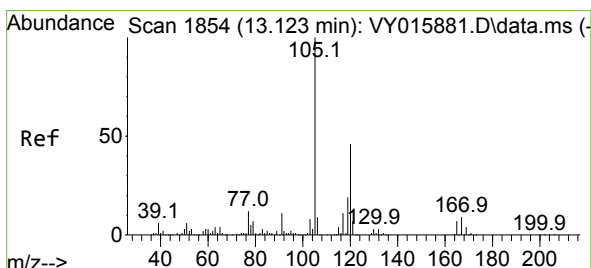
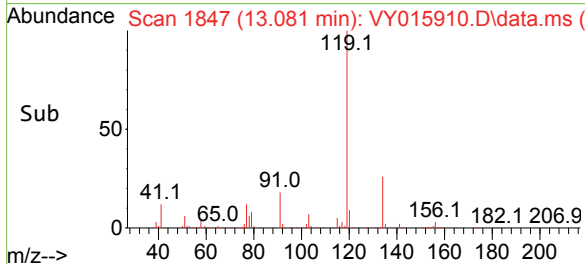
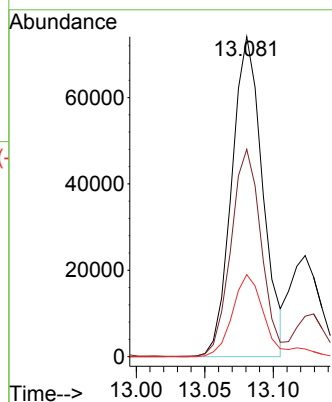
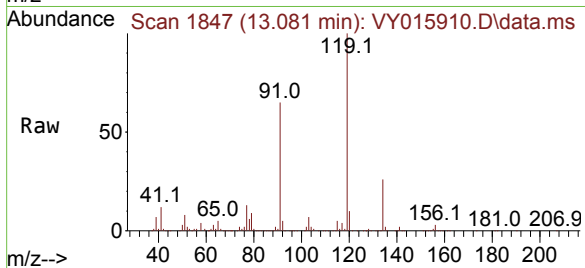
Tgt Ion:119 Resp: 116528

Ion Ratio Lower Upper

119 100

91 63.1 32.9 98.6

134 27.4 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 70.654 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY015910.D

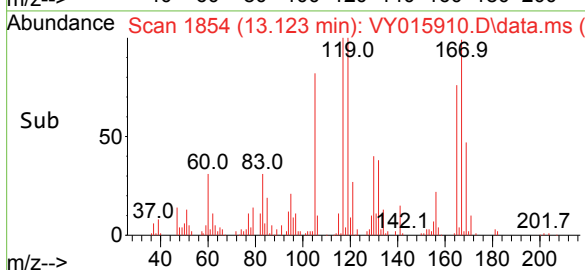
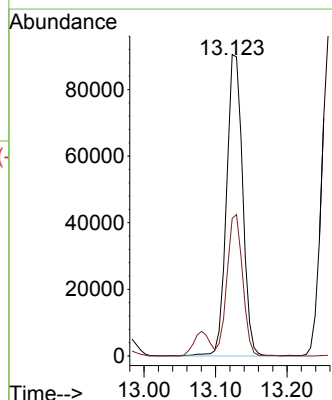
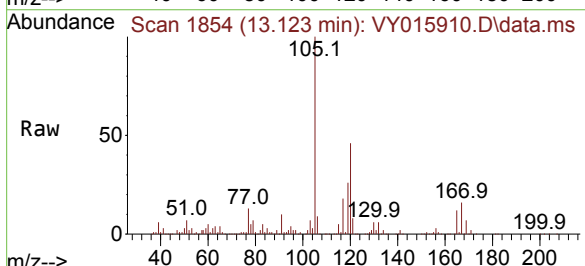
Acq: 10 Oct 2023 20:21

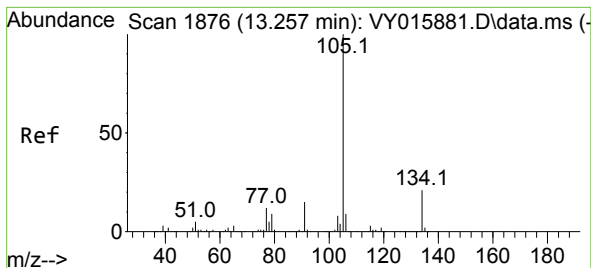
Tgt Ion:105 Resp: 141657

Ion Ratio Lower Upper

105 100

120 45.6 22.2 66.6





#85

sec-Butylbenzene

Concen: 53.792 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY015910.D

Acq: 10 Oct 2023 20:21

Instrument :

MSVOA_Y

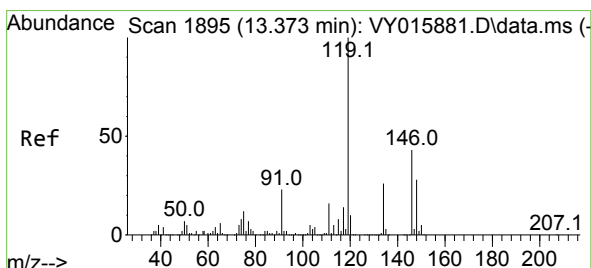
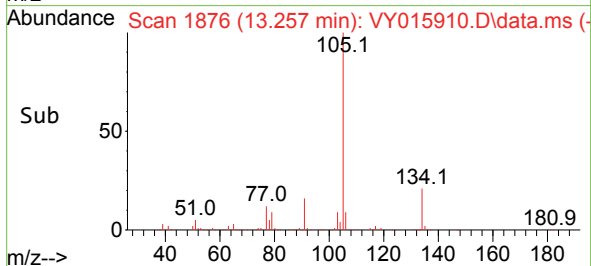
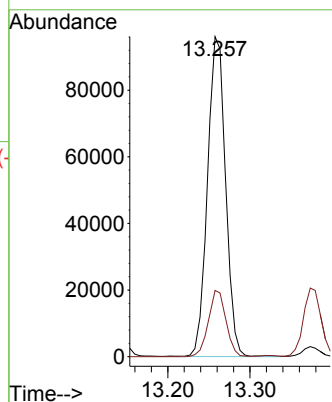
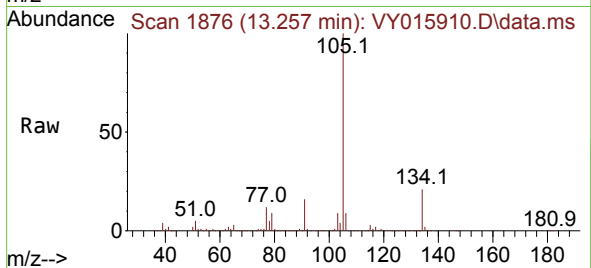
ClientSampleId :

Tgt Ion:105 Resp: 146580

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.6



#86

p-Isopropyltoluene

Concen: 50.913 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY015910.D

Acq: 10 Oct 2023 20:21

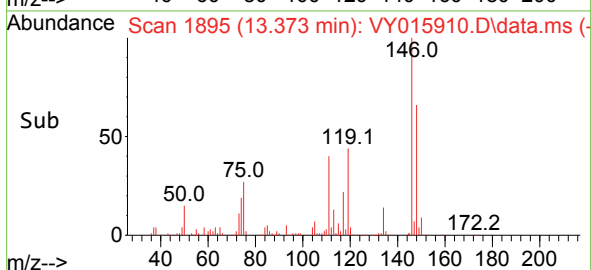
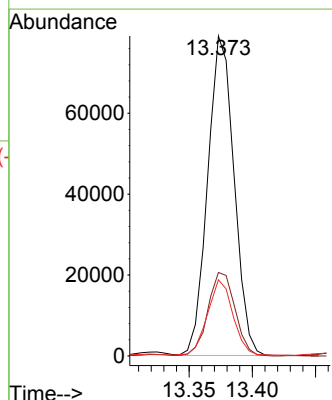
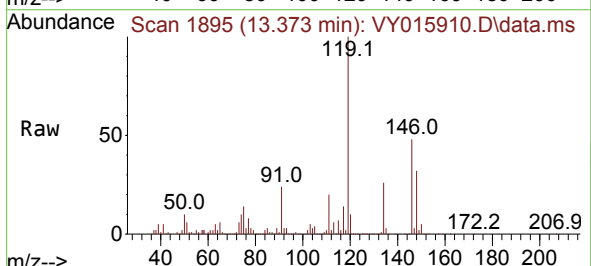
Tgt Ion:119 Resp: 114768

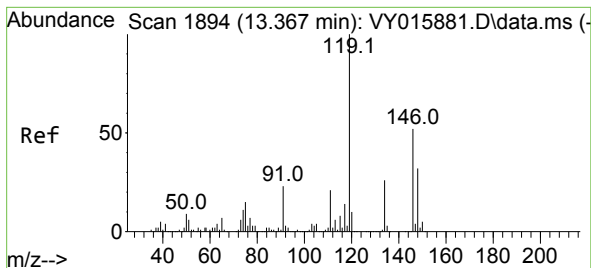
Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.8

91 22.7 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 49.835 ug/l

RT: 13.373 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015910.D

Acq: 10 Oct 2023 20:21

Instrument :

MSVOA_Y

ClientSampleId :

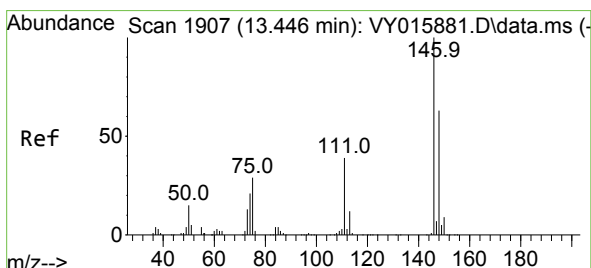
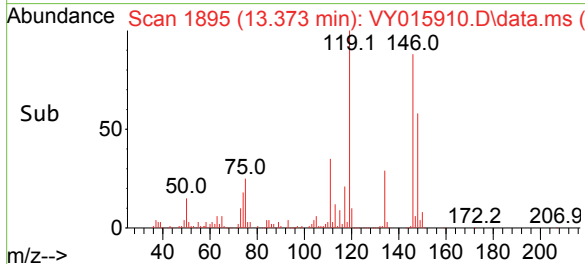
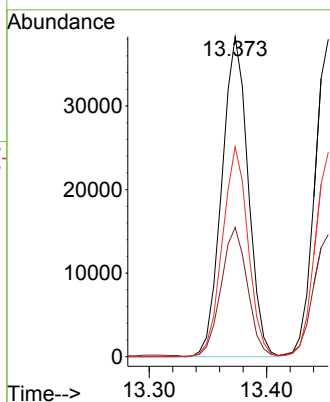
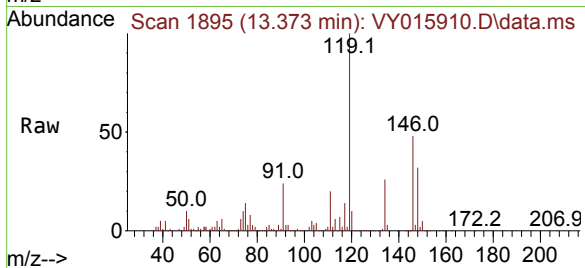
Tgt Ion:146 Resp: 59428

Ion Ratio Lower Upper

146 100

111 40.6 19.4 58.2

148 64.1 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 49.198 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY015910.D

Acq: 10 Oct 2023 20:21

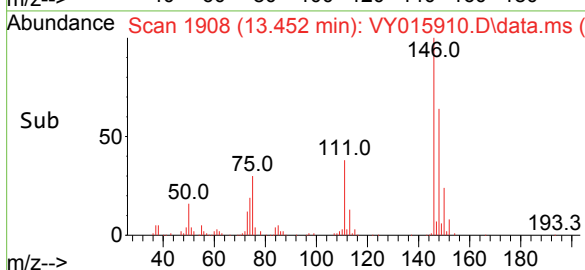
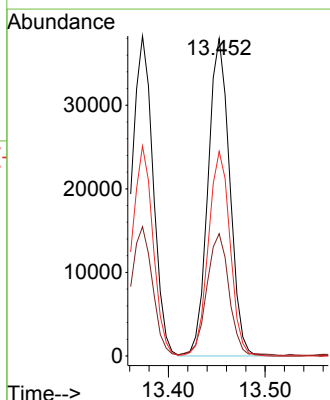
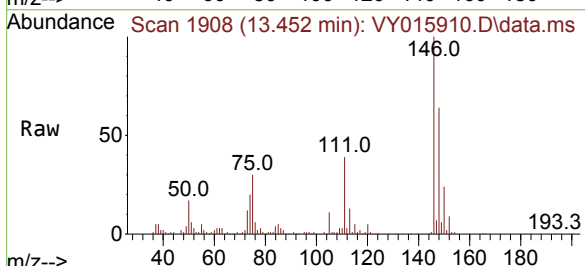
Tgt Ion:146 Resp: 59082

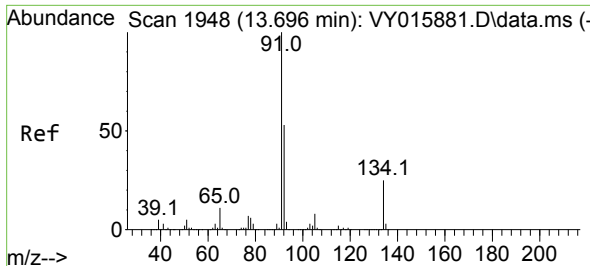
Ion Ratio Lower Upper

146 100

111 39.5 18.9 56.7

148 64.3 32.1 96.5

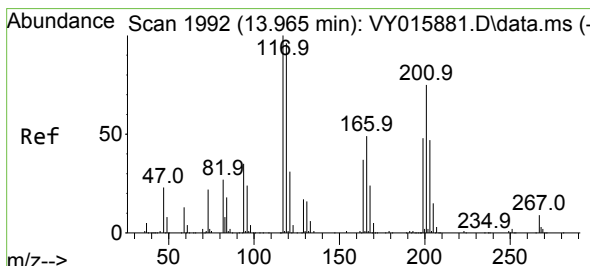
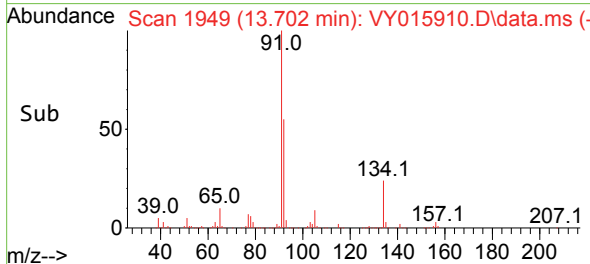
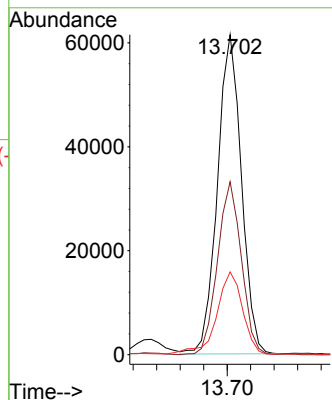
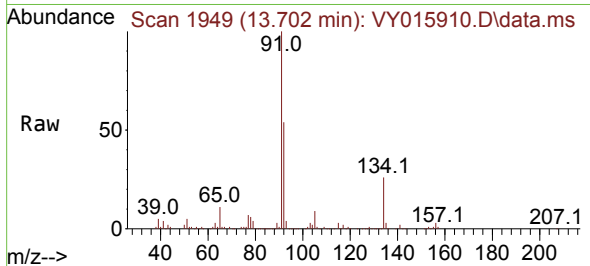




#89
n-Butylbenzene
Concen: 40.861 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY015910.D
Acq: 10 Oct 2023 20:21

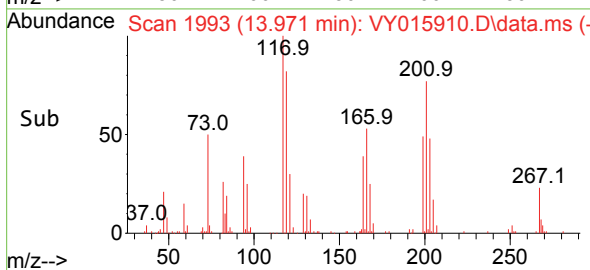
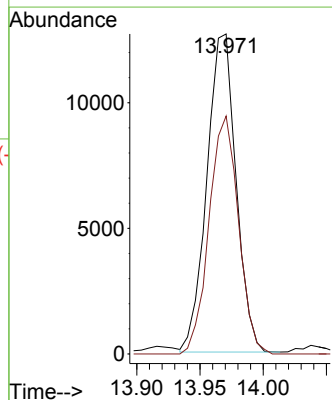
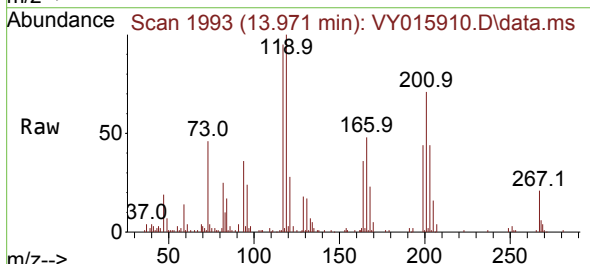
Instrument :
MSVOA_Y
ClientSampleId :

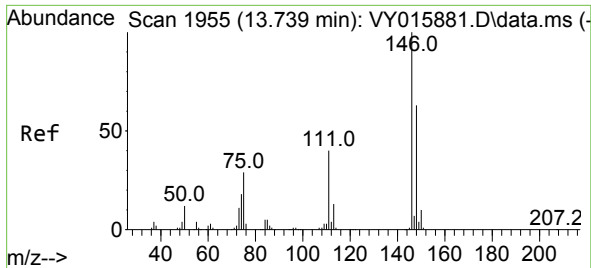
Tgt Ion: 91 Resp: 87164
Ion Ratio Lower Upper
91 100
92 53.9 25.4 76.0
134 27.6 12.6 37.6



#90
Hexachloroethane
Concen: 44.935 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.006 min
Lab File: VY015910.D
Acq: 10 Oct 2023 20:21

Tgt Ion: 117 Resp: 20328
Ion Ratio Lower Upper
117 100
201 75.2 41.6 124.8

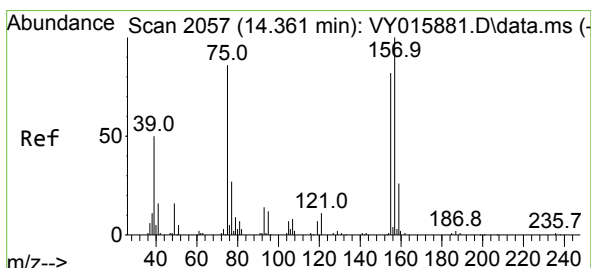
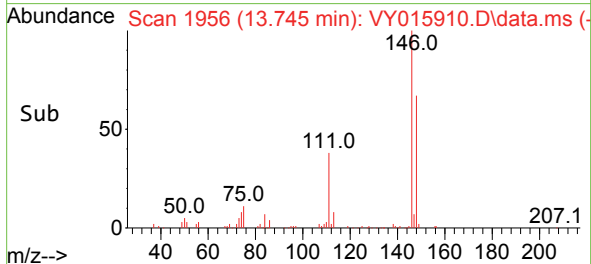
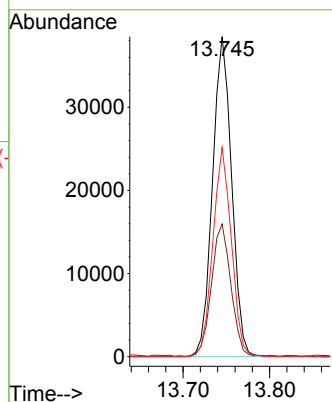
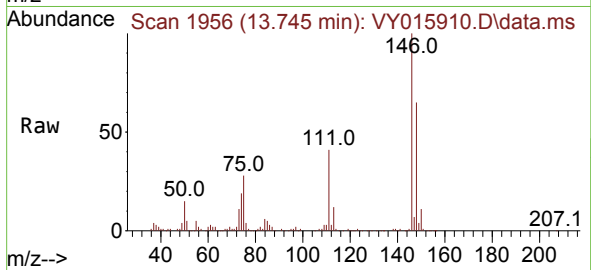




#91
1,2-Dichlorobenzene
Concen: 53.200 ug/l
RT: 13.745 min Scan# 1955
Delta R.T. 0.006 min
Lab File: VY015910.D
Acq: 10 Oct 2023 20:21

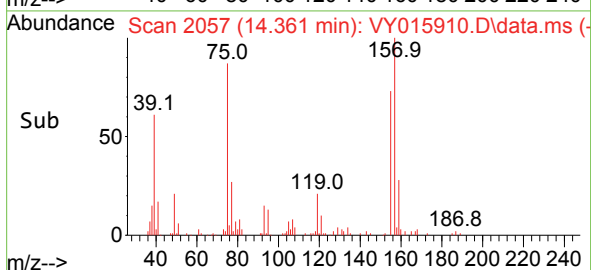
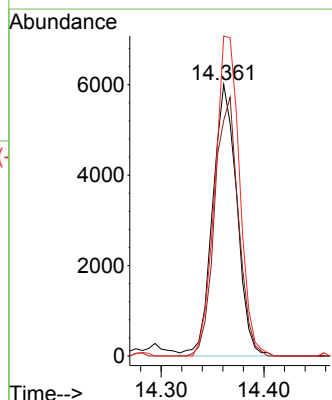
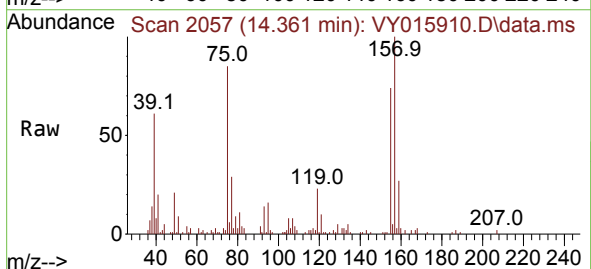
Instrument :
MSVOA_Y
ClientSampleId :

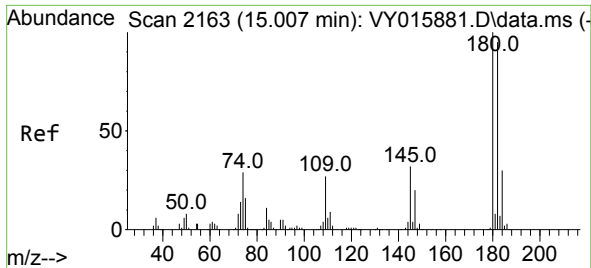
Tgt Ion:146 Resp: 58971
Ion Ratio Lower Upper
146 100
111 41.9 19.7 59.0
148 63.3 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 88.863 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY015910.D
Acq: 10 Oct 2023 20:21

Tgt Ion: 75 Resp: 9775
Ion Ratio Lower Upper
75 100
155 93.9 41.5 124.6
157 120.2 51.8 155.5

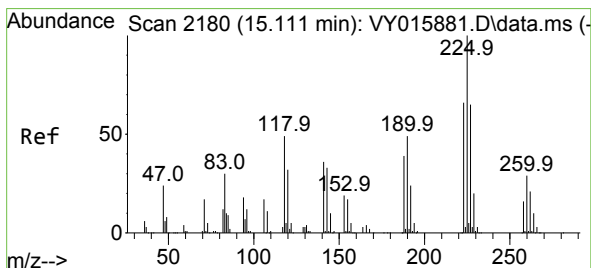
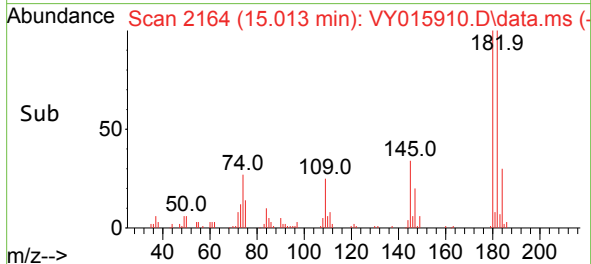
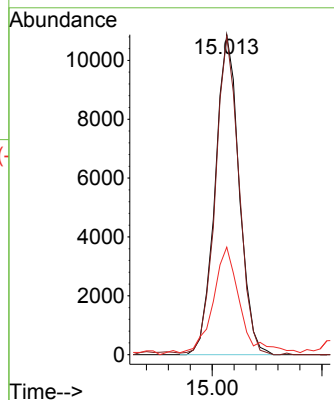
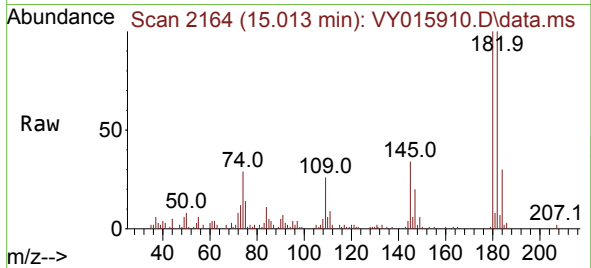




#93
1,2,4-Trichlorobenzene
Concen: 23.302 ug/l
RT: 15.013 min Scan# 2164
Delta R.T. 0.006 min
Lab File: VY015910.D
Acq: 10 Oct 2023 20:21

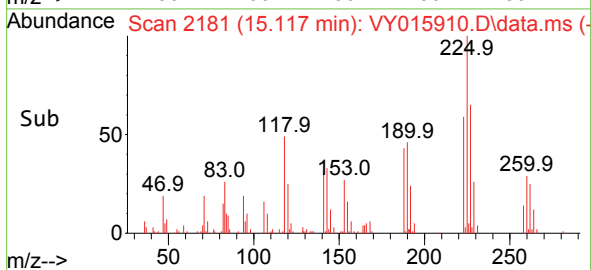
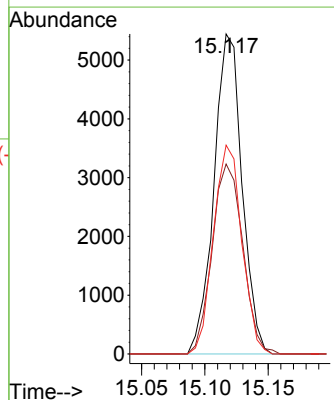
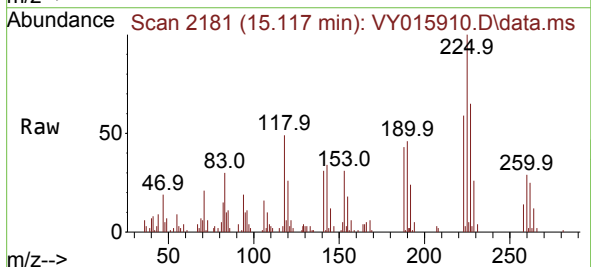
Instrument :
MSVOA_Y
ClientSampleId :

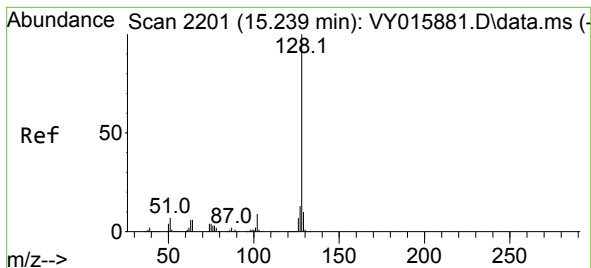
Tgt Ion:180 Resp: 16554
Ion Ratio Lower Upper
180 100
182 97.7 47.0 141.2
145 39.2 14.5 43.5



#94
Hexachlorobutadiene
Concen: 22.107 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. 0.006 min
Lab File: VY015910.D
Acq: 10 Oct 2023 20:21

Tgt Ion:225 Resp: 8410
Ion Ratio Lower Upper
225 100
223 64.6 31.9 95.9
227 65.9 33.0 98.9





#95

Naphthalene

Concen: 228.863 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. 0.006 min

Lab File: VY015910.D

Acq: 10 Oct 2023 20:21

Instrument :

MSVOA_Y

ClientSampleId :

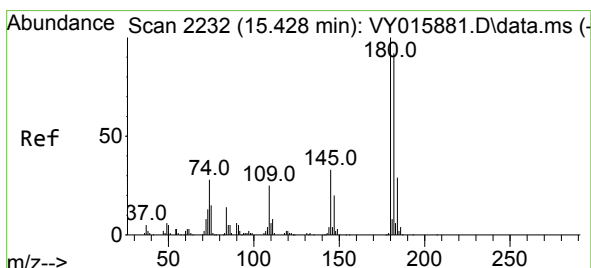
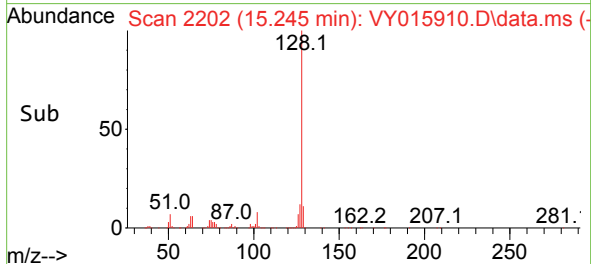
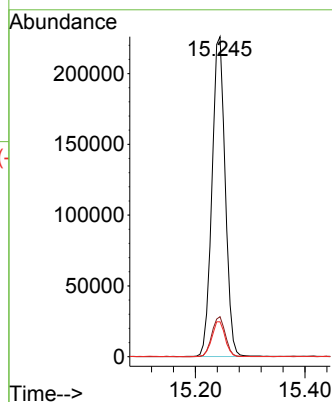
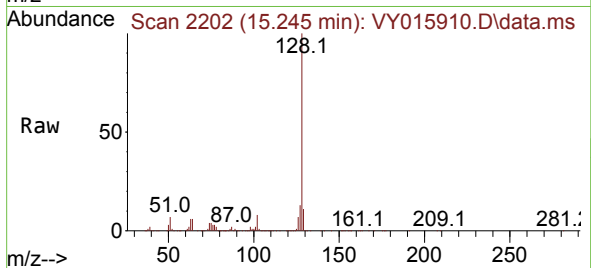
Tgt Ion:128 Resp: 376124

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 23.248 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY015910.D

Acq: 10 Oct 2023 20:21

Tgt Ion:180 Resp: 14691

Ion Ratio Lower Upper

180 100

182 93.4 47.3 141.8

145 41.7 15.4 46.2

