

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091123\
 Data File : VY015485.D
 Acq On : 11 Sep 2023 13:28
 Operator : SY/MD
 Sample : VY0911SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 12 01:17:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	183660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	302542	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	270580	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	136262	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	68016	34.547	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	69.100%
35) Dibromofluoromethane	7.716	113	61753	35.438	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	70.880%
50) Toluene-d8	10.179	98	213274	33.797	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	67.600%
62) 4-Bromofluorobenzene	12.477	95	82927	35.398	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	70.800%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	25582	16.024	ug/l	95
3) Chloromethane	2.107	50	31955	15.071	ug/l	98
4) Vinyl Chloride	2.241	62	39139	15.860	ug/l	98
5) Bromomethane	2.625	94	29346	16.712	ug/l	98
6) Chloroethane	2.778	64	27776	17.123	ug/l	100
7) Trichlorofluoromethane	3.107	101	64379	18.442	ug/l	99
8) Diethyl Ether	3.521	74	22554	18.905	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.881	101	37765	19.519	ug/l	94
10) Methyl Iodide	4.082	142	34306	15.099	ug/l	99
11) Tert butyl alcohol	4.918	59	98053	222.746	ug/l #	89
12) 1,1-Dichloroethene	3.857	96	32062	17.561	ug/l	97
13) Acrolein	3.723	56	21951	49.909	ug/l	99
14) Allyl chloride	4.466	41	53293	18.334	ug/l	98
15) Acrylonitrile	5.155	53	75678	100.811	ug/l	99
16) Acetone	3.948	43	89134	108.466	ug/l	97
17) Carbon Disulfide	4.180	76	68257	12.506	ug/l	100
18) Methyl Acetate	4.472	43	58971	19.812	ug/l	95
19) Methyl tert-butyl Ether	5.216	73	119419	20.125	ug/l	97
20) Methylene Chloride	4.704	84	57522	17.360	ug/l	90
21) trans-1,2-Dichloroethene	5.210	96	38035	18.092	ug/l	95
22) Diisopropyl ether	6.112	45	124601	19.599	ug/l	96
23) Vinyl Acetate	6.051	43	389709	97.089	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	70227	19.109	ug/l	96
25) 2-Butanone	6.984	43	125695	107.842	ug/l	97
26) 2,2-Dichloropropane	6.972	77	70047	22.441	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	46714	19.587	ug/l	98
28) Bromochloromethane	7.332	49	20707	18.374	ug/l	93
29) Tetrahydrofuran	7.344	42	70684	96.572	ug/l	92
30) Chloroform	7.502	83	78783	20.392	ug/l	100
31) Cyclohexane	7.783	56	56677	16.206	ug/l	88
32) 1,1,1-Trichloroethane	7.697	97	69506	20.142	ug/l	99
36) 1,1-Dichloropropene	7.911	75	55227	18.049	ug/l	99
37) Ethyl Acetate	7.070	43	46002	19.494	ug/l #	95
38) Carbon Tetrachloride	7.893	117	60940	19.284	ug/l	98
39) Methylcyclohexane	9.179	83	64591	16.768	ug/l	89
40) Benzene	8.155	78	159473	18.681	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	64260	58.068	ug/l #	30
42) 1,2-Dichloroethane	8.234	62	54394	19.108	ug/l	95
43) Isopropyl Acetate	8.271	43	80428	19.709	ug/l	97
44) Trichloroethene	8.935	130	47016	19.466	ug/l	97
45) 1,2-Dichloropropane	9.216	63	42526	19.761	ug/l	99
46) Dibromomethane	9.301	93	27469	19.216	ug/l	96
47) Bromodichloromethane	9.496	83	62091	20.311	ug/l	98
48) Methyl methacrylate	9.289	41	36051	19.255	ug/l	94
49) 1,4-Dioxane	9.301	88	11107	418.307	ug/l #	54
51) 4-Methyl-2-Pentanone	10.069	43	239868	101.134	ug/l	94
52) Toluene	10.240	92	105121	19.212	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	64745	19.929	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	69223	19.587	ug/l	91
55) 1,1,2-Trichloroethane	10.642	97	39747	20.636	ug/l	98
56) Ethyl methacrylate	10.508	69	56620	19.837	ug/l	91
57) 1,3-Dichloropropane	10.788	76	66498	20.056	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	105643	103.693	ug/l	94
59) 2-Hexanone	10.831	43	184180	103.491	ug/l	92
60) Dibromochloromethane	10.983	129	46469	20.612	ug/l	99
61) 1,2-Dibromoethane	11.087	107	38861	19.911	ug/l	100
64) Tetrachloroethene	10.715	164	50438	20.537	ug/l	98
65) Chlorobenzene	11.514	112	117992	20.236	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	44110	20.669	ug/l	99
67) Ethyl Benzene	11.593	91	208427	19.908	ug/l	99
68) m/p-Xylenes	11.703	106	160983	39.668	ug/l	95
69) o-Xylene	12.026	106	77615	20.012	ug/l	96
70) Styrene	12.044	104	131077	20.100	ug/l	97
71) Bromoform	12.203	173	31744	21.323	ug/l #	96
73) Isopropylbenzene	12.325	105	209855	20.503	ug/l	100
74) N-amyl acetate	12.142	43	70603	20.532	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	51137	20.929	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	68705	38.022	ug/l #	100
77) Bromobenzene	12.605	156	49374	20.368	ug/l	97
78) n-propylbenzene	12.666	91	249697	20.162	ug/l	99
79) 2-Chlorotoluene	12.751	91	139517	20.085	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	174363	20.367	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	17053	20.818	ug/l	96
82) 4-Chlorotoluene	12.855	91	147122	20.379	ug/l	99
83) tert-Butylbenzene	13.075	119	156175	20.828	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	174513	20.531	ug/l	99
85) sec-Butylbenzene	13.251	105	228731	20.452	ug/l	100
86) p-Isopropyltoluene	13.367	119	193265	20.618	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	100066	20.909	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	101931	21.070	ug/l	99
89) n-Butylbenzene	13.696	91	179478	20.343	ug/l	97
90) Hexachloroethane	13.959	117	34650	20.669	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	90093	20.629	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10518	21.762	ug/l	96
93) 1,2,4-Trichlorobenzene	15.001	180	58818	21.445	ug/l	99
94) Hexachlorobutadiene	15.111	225	31896	21.327	ug/l	97
95) Naphthalene	15.233	128	145010	21.343	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	53380	21.337	ug/l	99

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Instrument :
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ClientSampleId :

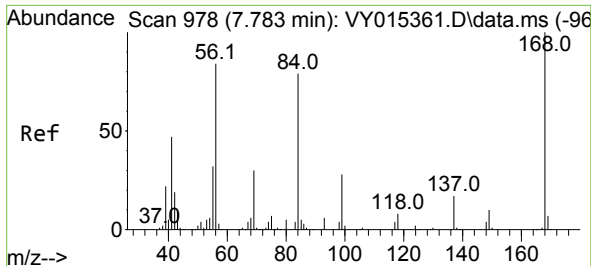
Quant Time: Sep 12 01:17:24 2023
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Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

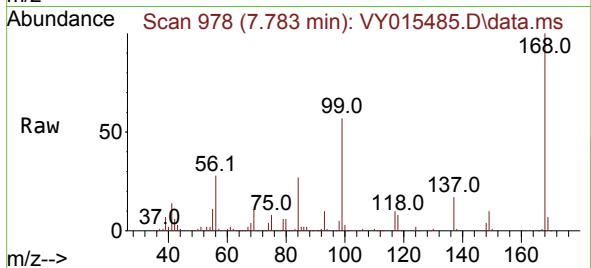
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
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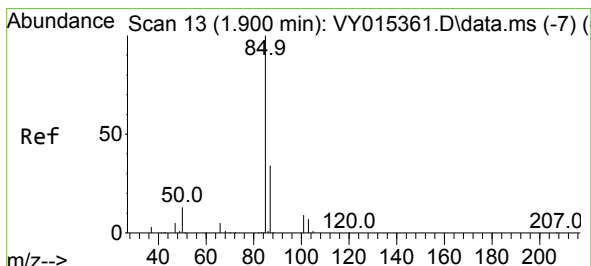
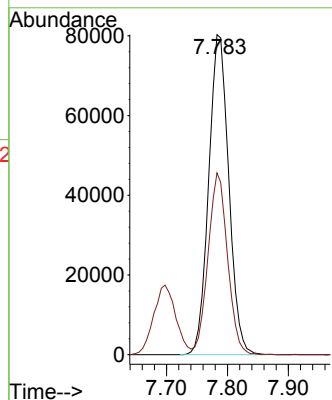
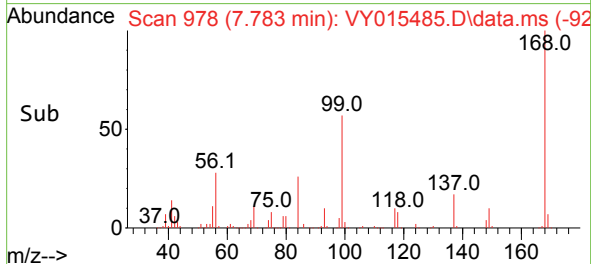


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015485.D
Acq: 11 Sep 2023 13:28

Instrument :
MSVOA_Y
ClientSampleId :

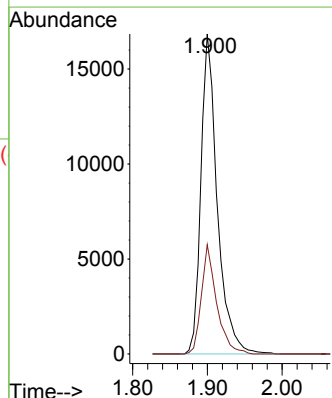
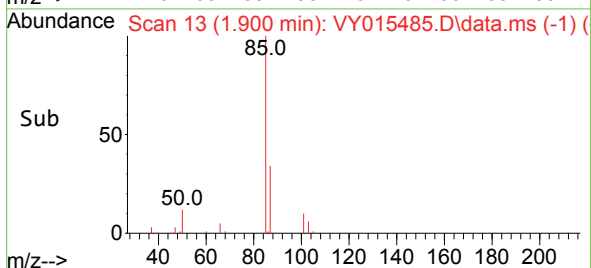
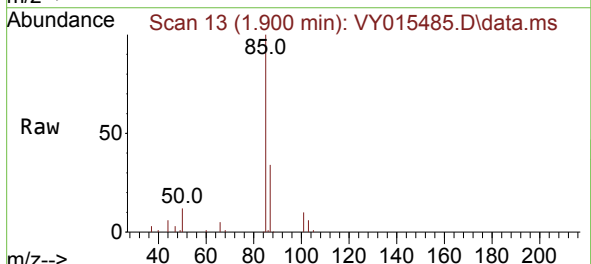


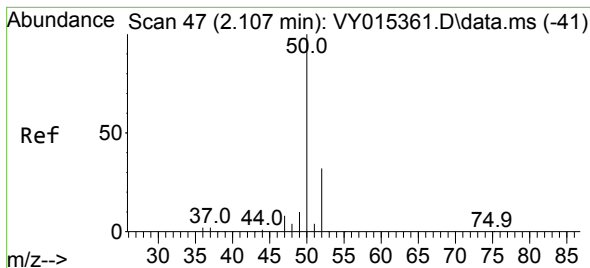
Tgt Ion:168 Resp: 183660
Ion Ratio Lower Upper
168 100
99 56.8 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 16.024 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY015485.D
Acq: 11 Sep 2023 13:28

Tgt Ion: 85 Resp: 25582
Ion Ratio Lower Upper
85 100
87 34.1 15.6 46.8





#3

Chloromethane

Concen: 15.071 ug/l

RT: 2.107 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY015485.D

Acq: 11 Sep 2023 13:28

Instrument :

MSVOA_Y

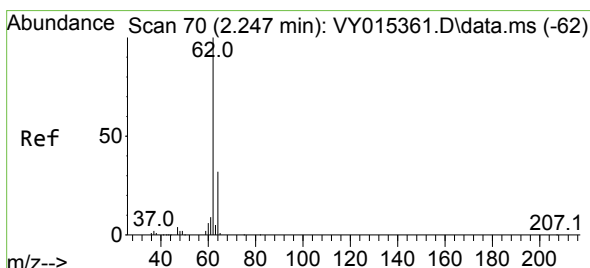
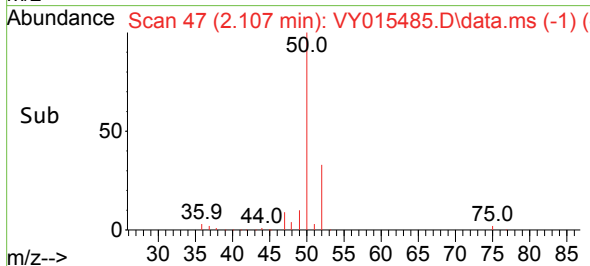
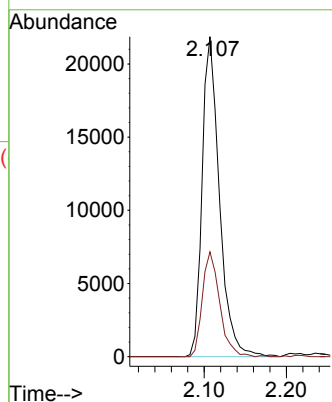
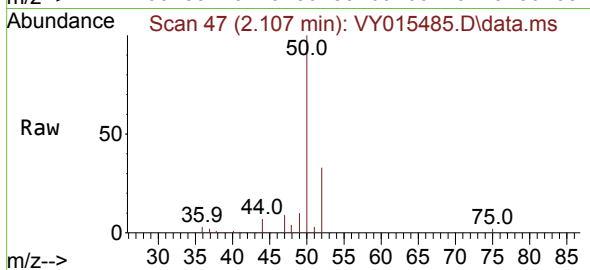
ClientSampleId :

Tgt Ion: 50 Resp: 31955

Ion Ratio Lower Upper

50 100

52 32.8 25.4 38.2



#4

Vinyl Chloride

Concen: 15.860 ug/l

RT: 2.241 min Scan# 69

Delta R.T. 0.000 min

Lab File: VY015485.D

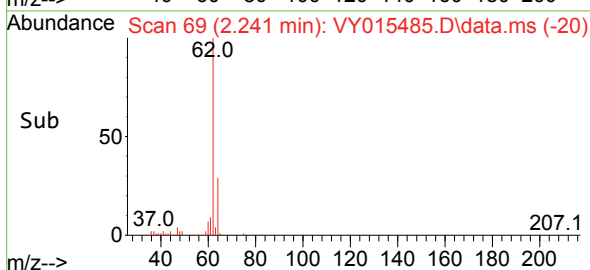
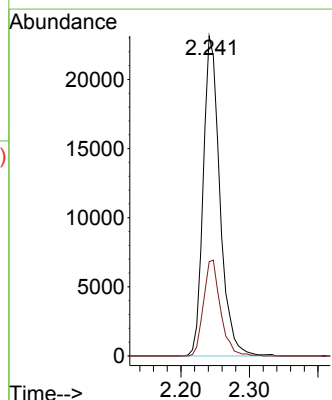
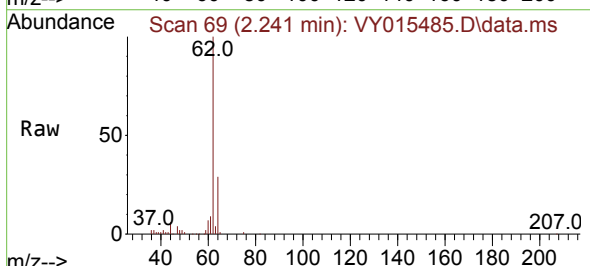
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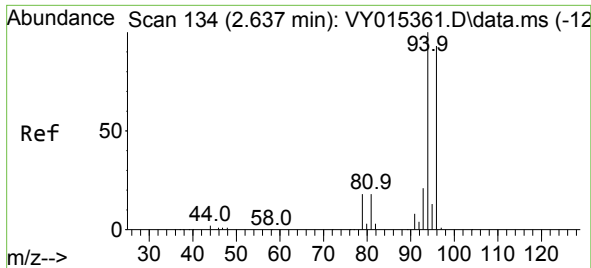
Tgt Ion: 62 Resp: 39139

Ion Ratio Lower Upper

62 100

64 29.4 24.3 36.5





#5

Bromomethane

Concen: 16.712 ug/l

RT: 2.625 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY015485.D

Acq: 11 Sep 2023 13:28

Instrument :

MSVOA_Y

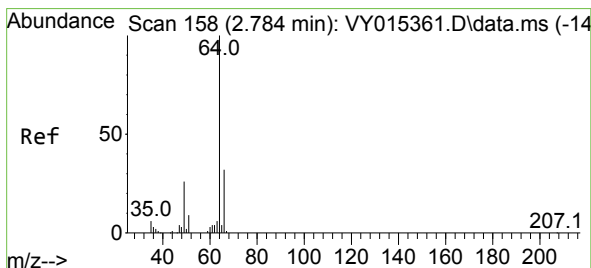
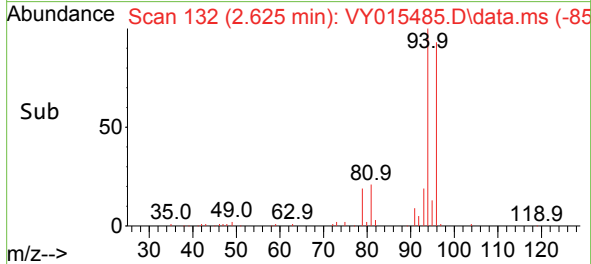
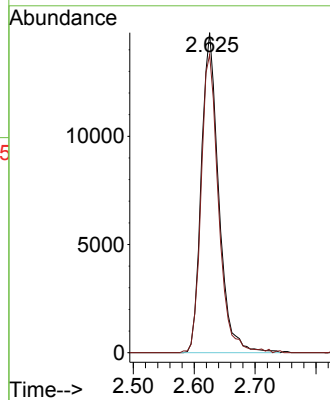
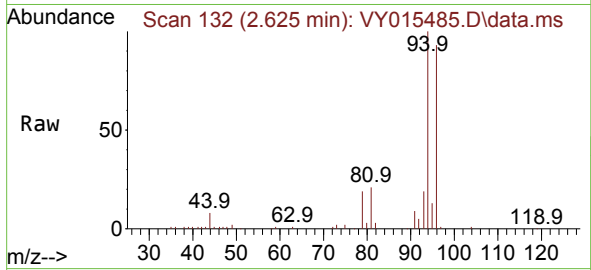
ClientSampleId :

Tgt Ion: 94 Resp: 29346

Ion Ratio Lower Upper

94 100

96 93.2 75.8 113.6



#6

Chloroethane

Concen: 17.123 ug/l

RT: 2.778 min Scan# 157

Delta R.T. -0.006 min

Lab File: VY015485.D

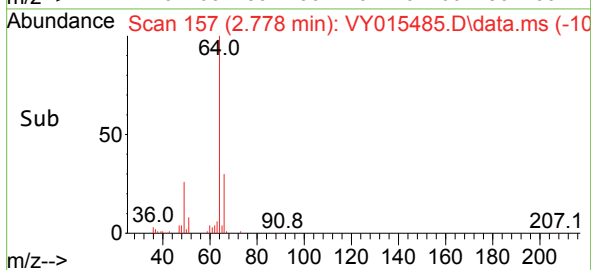
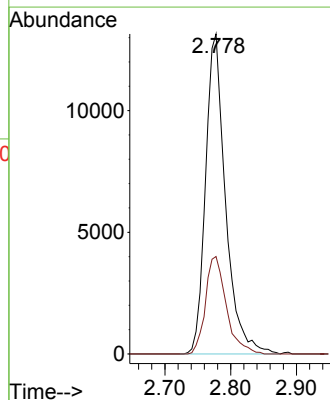
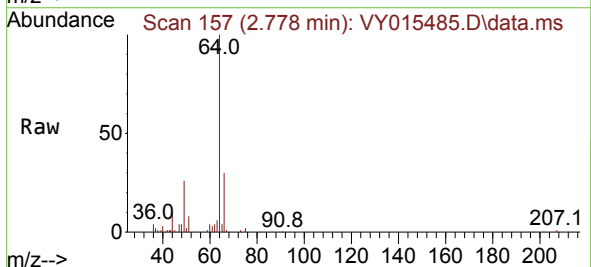
Acq: 11 Sep 2023 13:28

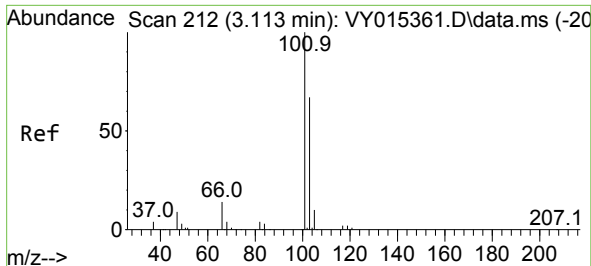
Tgt Ion: 64 Resp: 27776

Ion Ratio Lower Upper

64 100

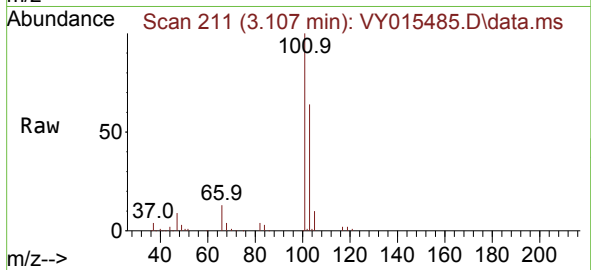
66 30.4 24.4 36.6



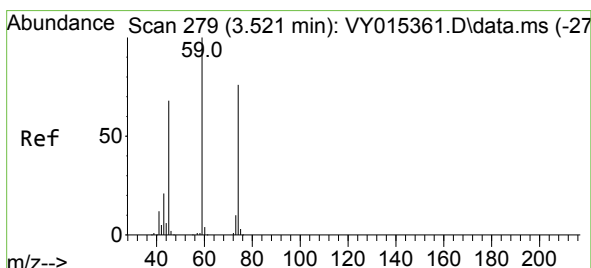
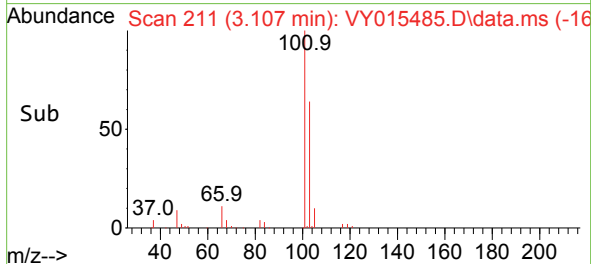
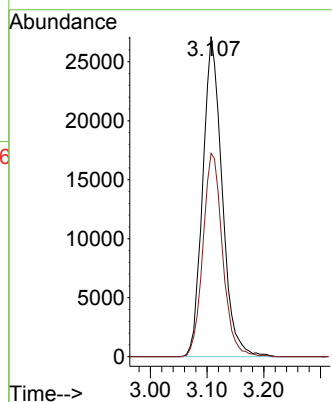


#7
 Trichlorofluoromethane
 Concen: 18.442 ug/l
 RT: 3.107 min Scan# 212
 Delta R.T. -0.006 min
 Lab File: VY015485.D
 Acq: 11 Sep 2023 13:28

Instrument :
 MSVOA_Y
 ClientSampleId :

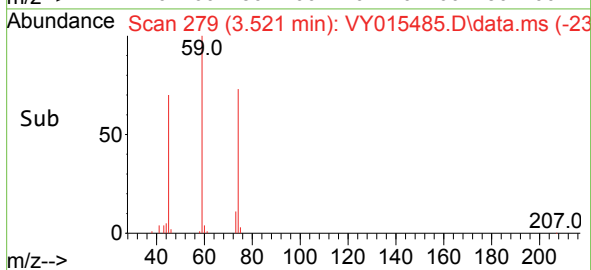
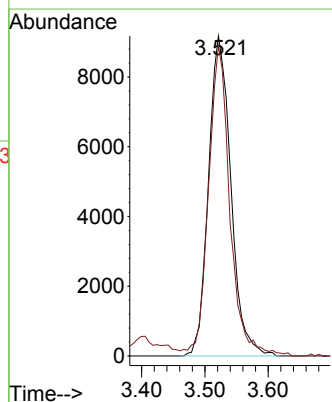
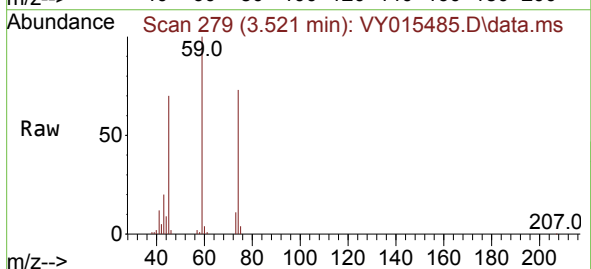


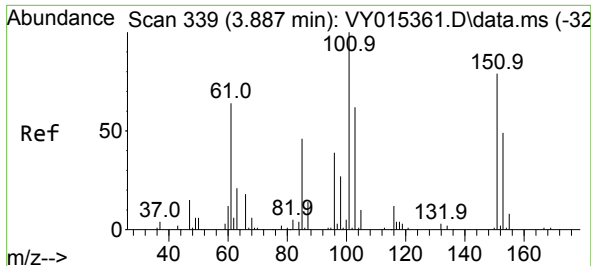
Tgt Ion:101 Resp: 64379
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.4 77.0



#8
 Diethyl Ether
 Concen: 18.905 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VY015485.D
 Acq: 11 Sep 2023 13:28

Tgt Ion: 74 Resp: 22554
 Ion Ratio Lower Upper
 74 100
 45 92.6 51.5 154.5

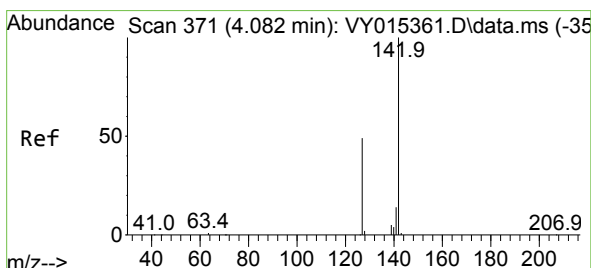
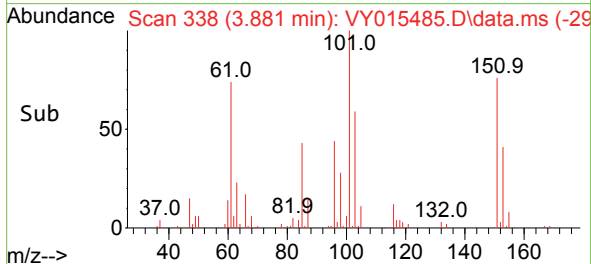
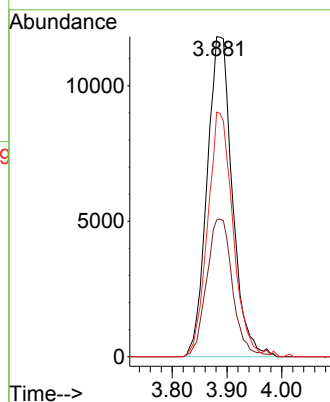
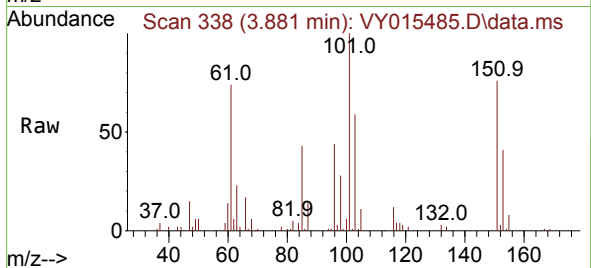




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.519 ug/l
RT: 3.881 min Scan# 311
Delta R.T. -0.012 min
Lab File: VY015485.D
Acq: 11 Sep 2023 13:28

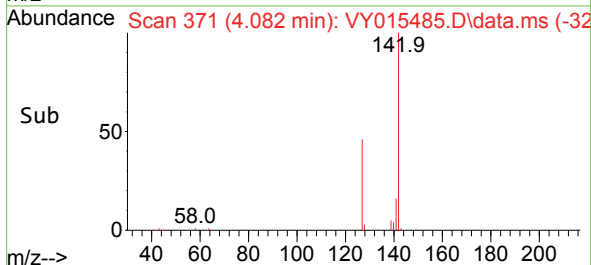
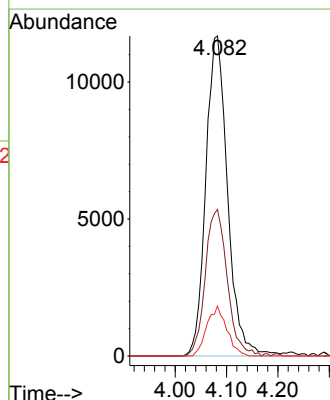
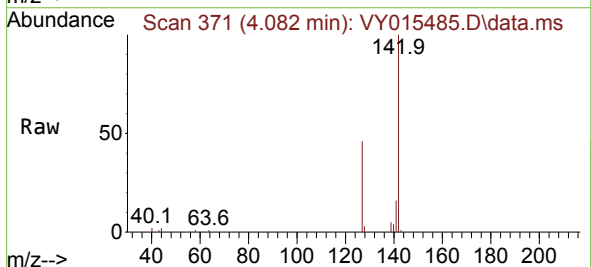
Instrument :
MSVOA_Y
ClientSampleId :

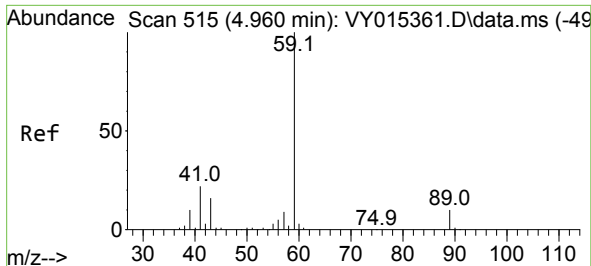
Tgt Ion:101 Resp: 37765
Ion Ratio Lower Upper
101 100
85 44.3 36.6 55.0
151 76.4 67.0 100.6



#10
Methyl Iodide
Concen: 15.099 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY015485.D
Acq: 11 Sep 2023 13:28

Tgt Ion:142 Resp: 34306
Ion Ratio Lower Upper
142 100
127 46.3 37.6 56.4
141 14.3 11.8 17.8

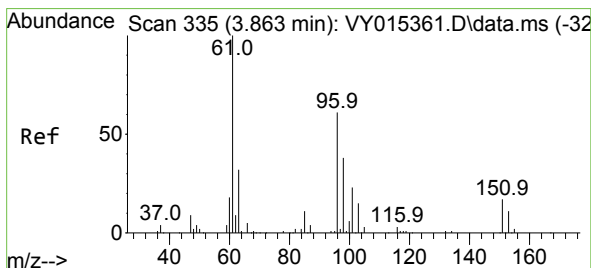
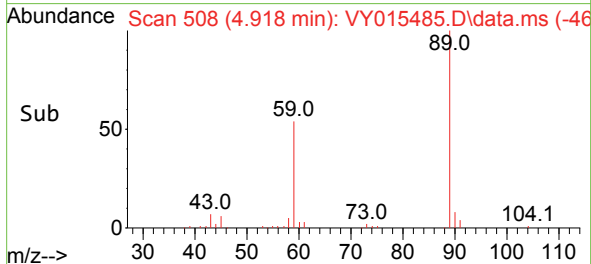
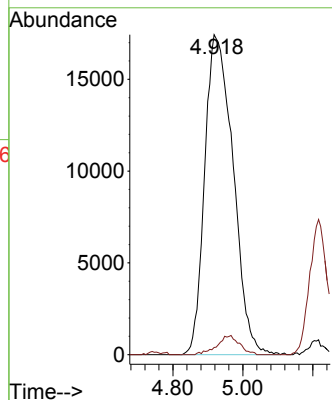
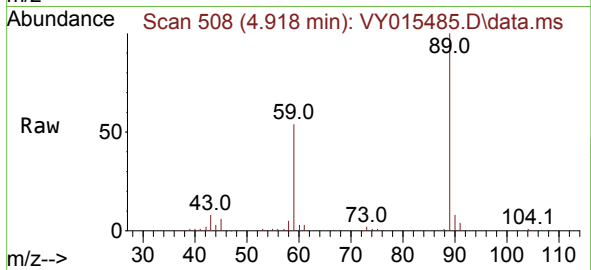




#11
Tert butyl alcohol
Concen: 222.746 ug/l
RT: 4.918 min Scan# 508
Delta R.T. -0.036 min
Lab File: VY015485.D
Acq: 11 Sep 2023 13:28

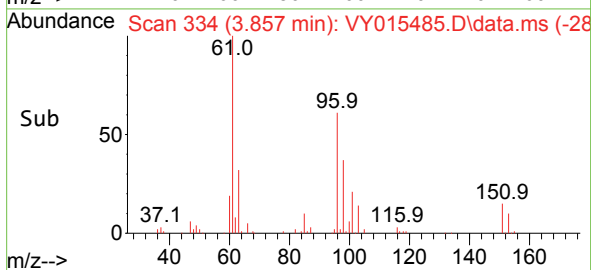
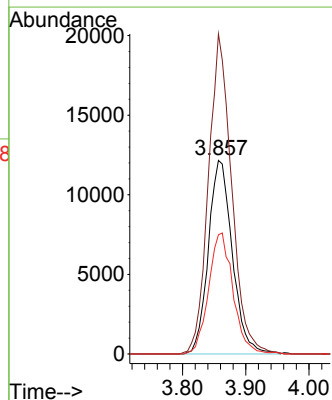
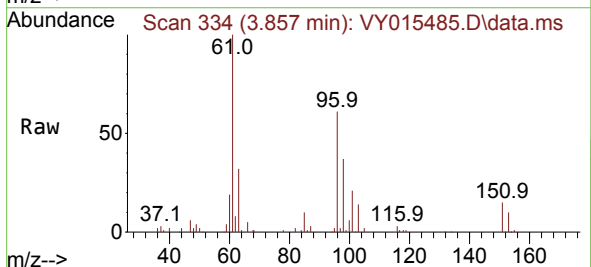
Instrument :
MSVOA_Y
ClientSampleId :

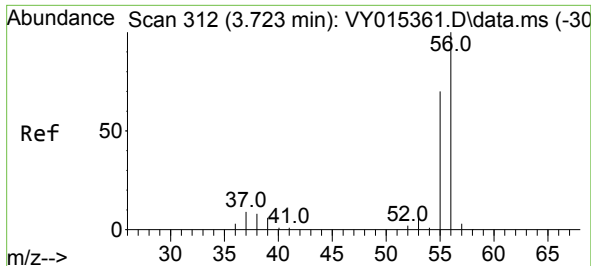
Tgt Ion: 59 Resp: 98053
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 17.561 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY015485.D
Acq: 11 Sep 2023 13:28

Tgt Ion: 96 Resp: 32062
Ion Ratio Lower Upper
96 100
61 165.2 136.4 204.6
98 61.5 49.4 74.2





#13

Acrolein

Concen: 49.909 ug/l

RT: 3.723 min Scan# 312

Delta R.T. -0.000 min

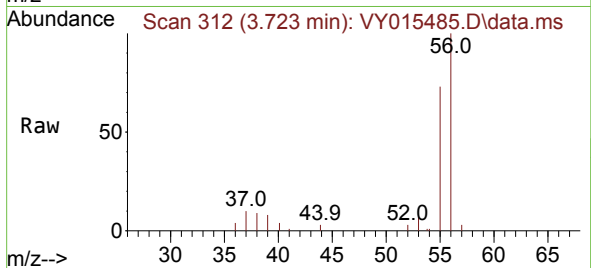
Lab File: VY015485.D

Acq: 11 Sep 2023 13:28

Instrument :

MSVOA_Y

ClientSampleId :

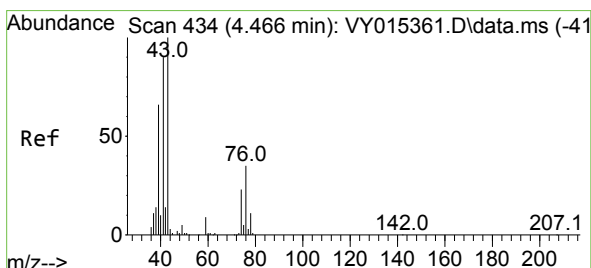
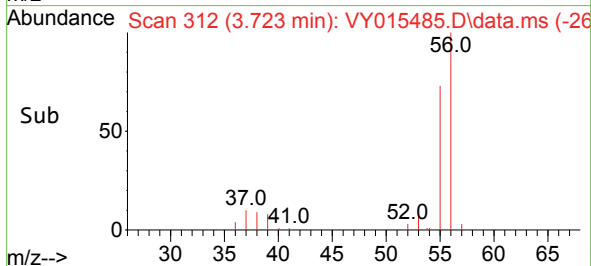
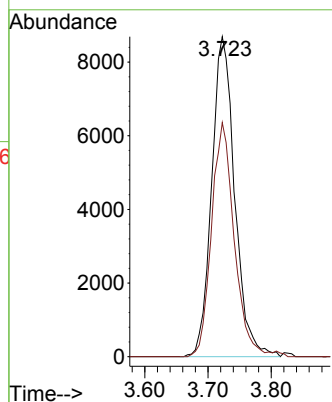


Tgt Ion: 56 Resp: 21951

Ion Ratio Lower Upper

56 100

55 71.9 57.0 85.4



#14

Allyl chloride

Concen: 18.334 ug/l

RT: 4.466 min Scan# 434

Delta R.T. -0.006 min

Lab File: VY015485.D

Acq: 11 Sep 2023 13:28

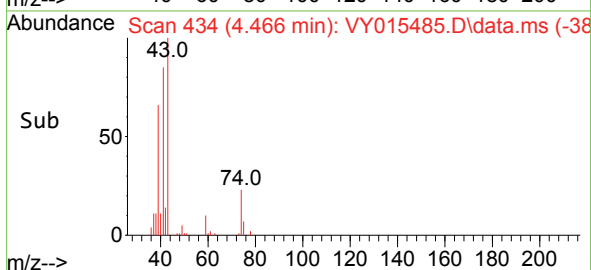
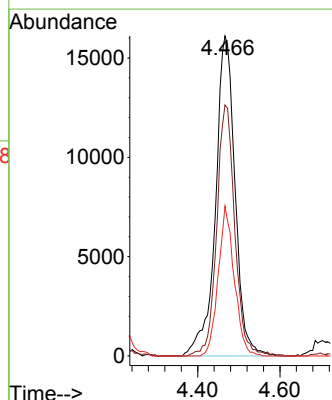
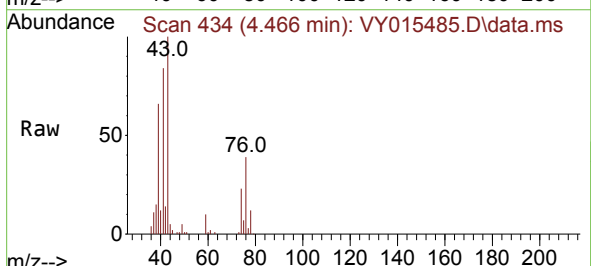
Tgt Ion: 41 Resp: 53293

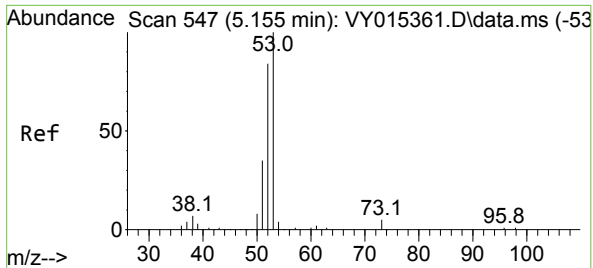
Ion Ratio Lower Upper

41 100

39 72.5 58.0 87.0

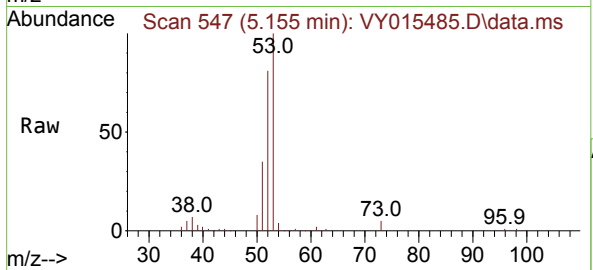
76 38.5 27.4 41.2



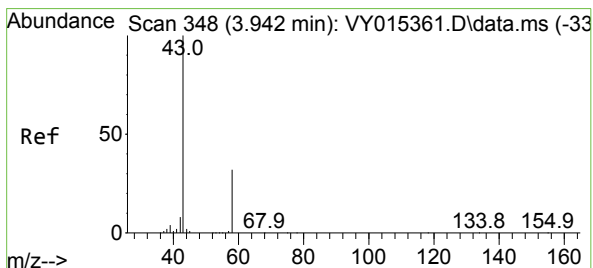
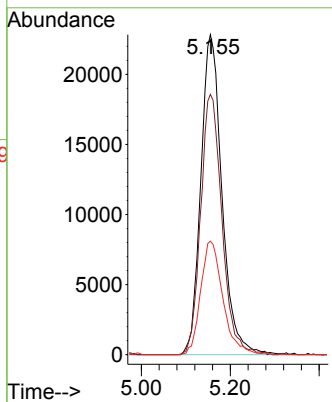
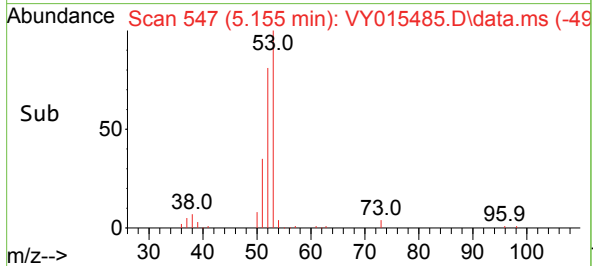


#15
Acrylonitrile
Concen: 100.811 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY015485.D
Acq: 11 Sep 2023 13:28

Instrument :
MSVOA_Y
ClientSampleId :

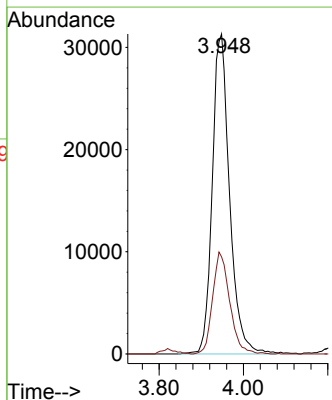
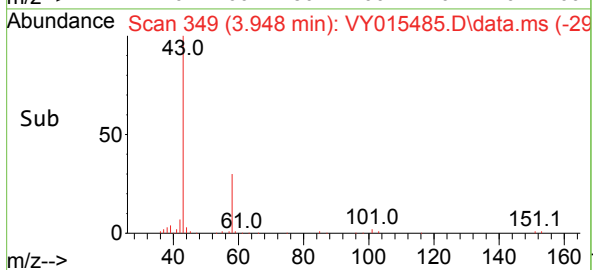
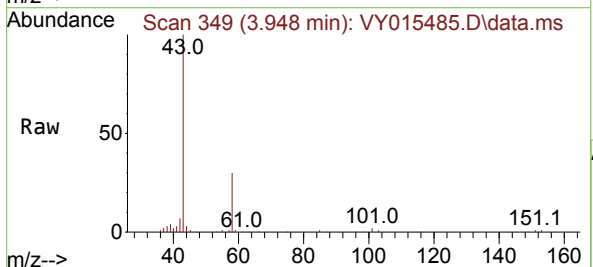


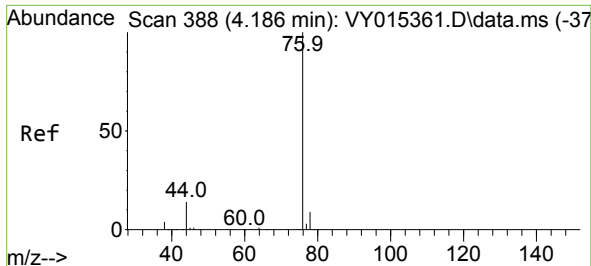
Tgt Ion:	53	Resp:	75678
Ion	Ratio	Lower	Upper
53	100		
52	81.9	66.9	100.3
51	37.2	29.8	44.6



#16
Acetone
Concen: 108.466 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015485.D
Acq: 11 Sep 2023 13:28

Tgt Ion:	43	Resp:	89134
Ion	Ratio	Lower	Upper
43	100		
58	30.2	22.7	34.1





#17

Carbon Disulfide

Concen: 12.506 ug/l

RT: 4.180 min Scan# 388

Delta R.T. -0.006 min

Lab File: VY015485.D

Acq: 11 Sep 2023 13:28

Instrument :

MSVOA_Y

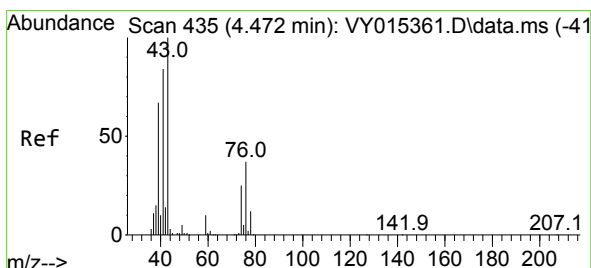
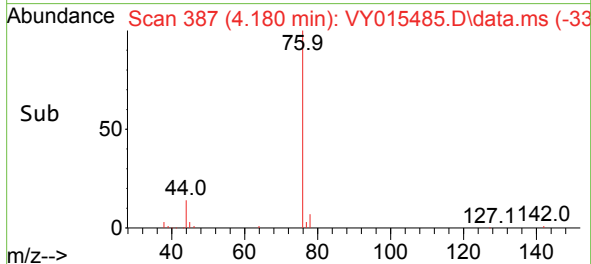
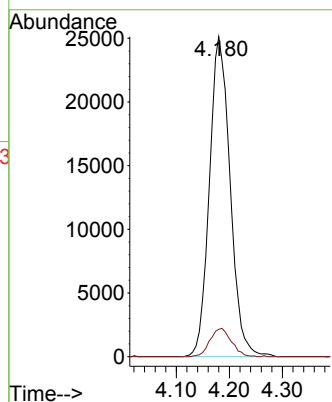
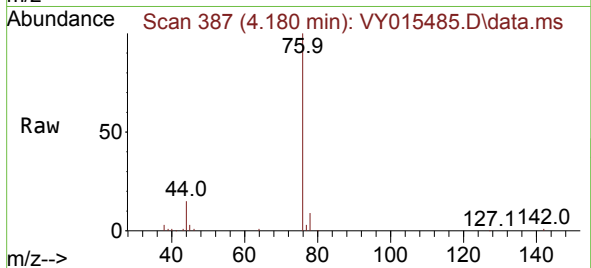
ClientSampleId :

Tgt Ion: 76 Resp: 68257

Ion Ratio Lower Upper

76 100

78 8.5 7.0 10.4



#18

Methyl Acetate

Concen: 19.812 ug/l

RT: 4.472 min Scan# 435

Delta R.T. 0.000 min

Lab File: VY015485.D

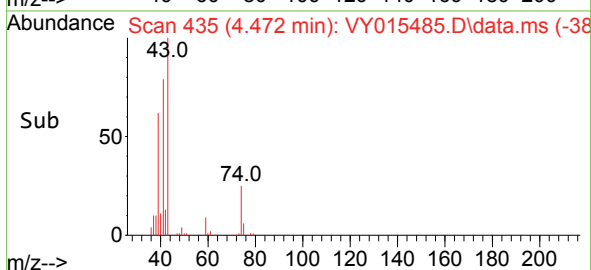
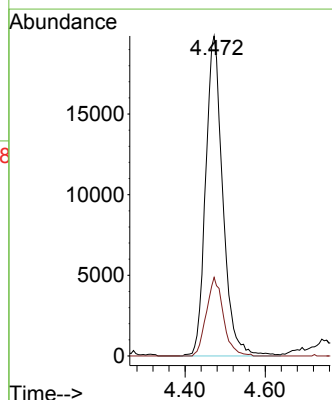
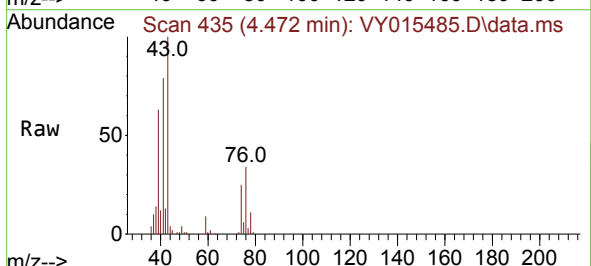
Acq: 11 Sep 2023 13:28

Tgt Ion: 43 Resp: 58971

Ion Ratio Lower Upper

43 100

74 24.3 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 20.125 ug/l

RT: 5.216 min Scan# 5

Delta R.T. 0.006 min

Lab File: VY015485.D

Acq: 11 Sep 2023 13:28

Instrument :

MSVOA_Y

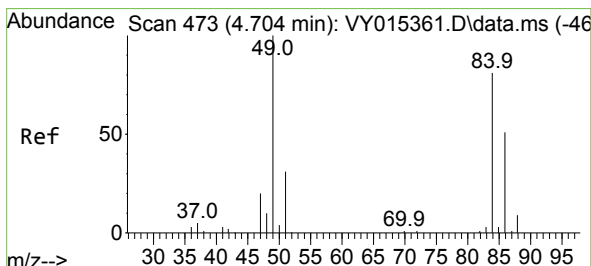
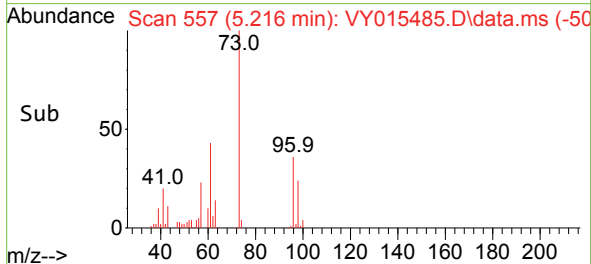
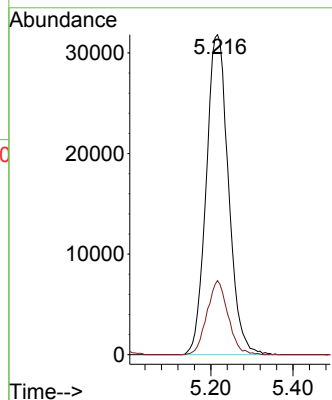
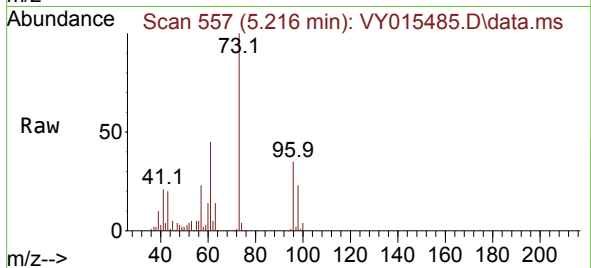
ClientSampleId :

Tgt Ion: 73 Resp: 119419

Ion Ratio Lower Upper

73 100

57 23.2 17.3 25.9



#20

Methylene Chloride

Concen: 17.360 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY015485.D

Acq: 11 Sep 2023 13:28

Tgt Ion: 84 Resp: 57522

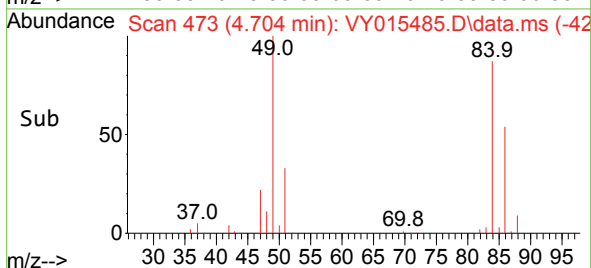
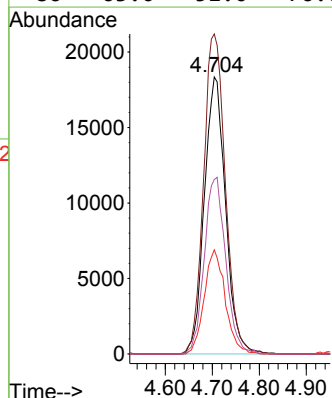
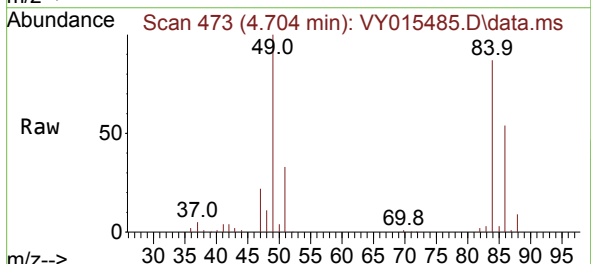
Ion Ratio Lower Upper

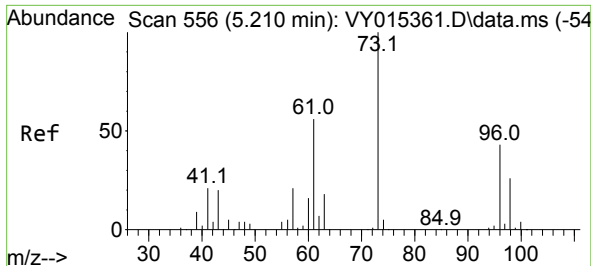
84 100

49 115.6 106.9 160.3

51 37.6 33.2 49.8

86 63.0 51.0 76.6

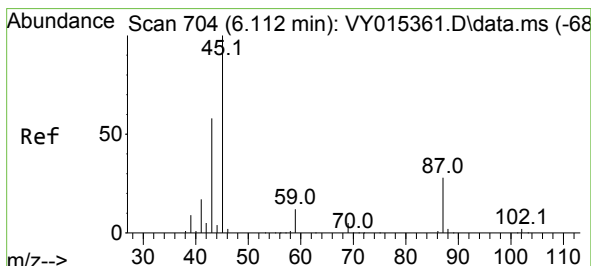
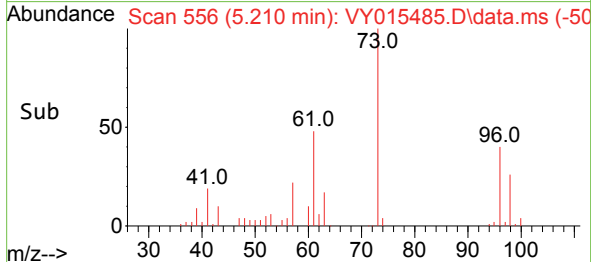
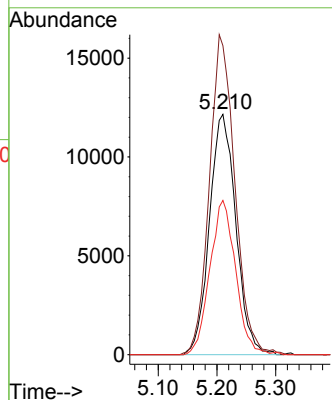
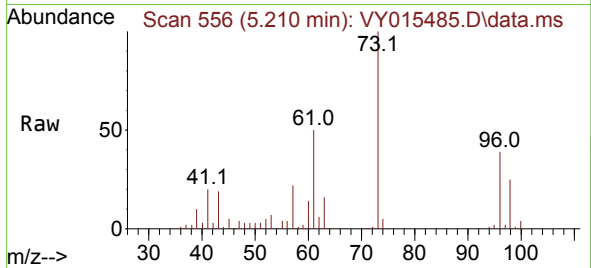




#21
trans-1,2-Dichloroethene
Concen: 18.092 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY015485.D
Acq: 11 Sep 2023 13:28

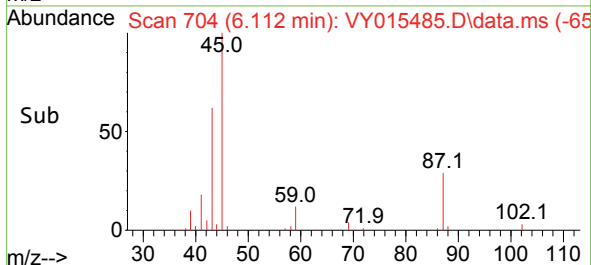
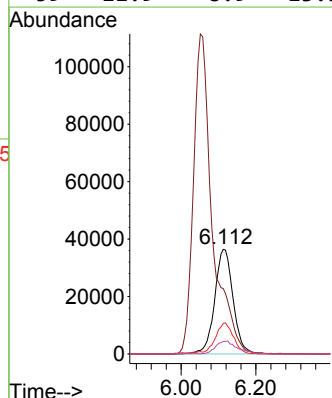
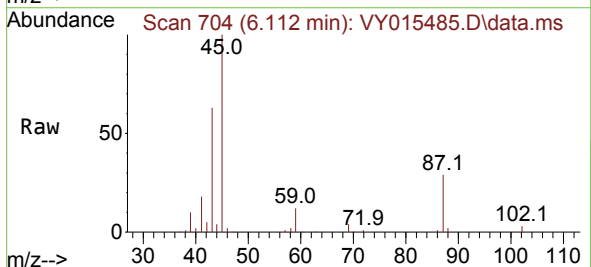
Instrument :
MSVOA_Y
ClientSampleId :

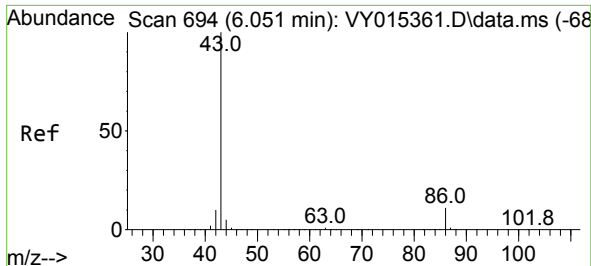
Tgt Ion: 96 Resp: 38035
Ion Ratio Lower Upper
96 100
61 128.5 110.2 165.4
98 64.2 51.8 77.6



#22
Diisopropyl ether
Concen: 19.599 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY015485.D
Acq: 11 Sep 2023 13:28

Tgt Ion: 45 Resp: 124601
Ion Ratio Lower Upper
45 100
43 61.9 52.2 78.4
87 29.2 21.0 31.6
59 11.9 8.9 13.3

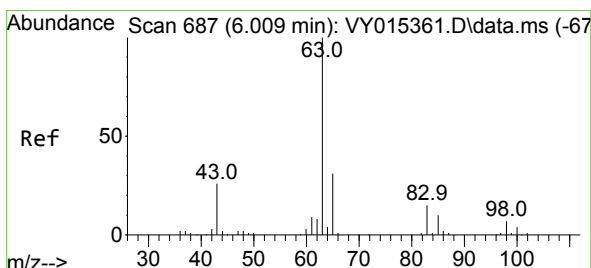
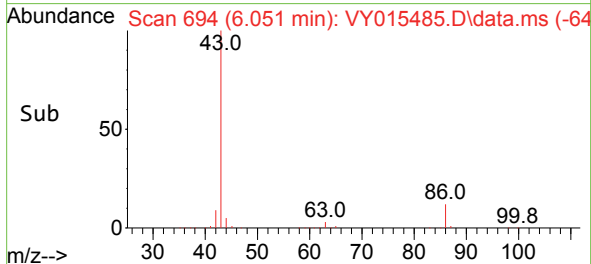
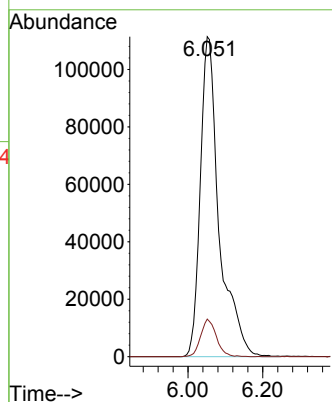
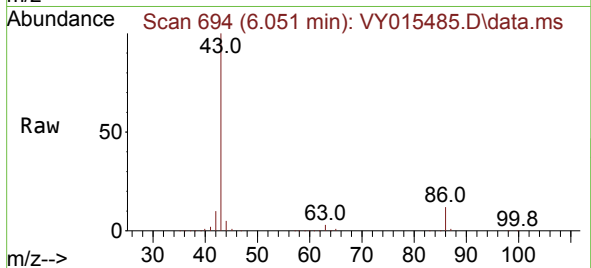




#23
 Vinyl Acetate
 Concen: 97.089 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY015485.D
 Acq: 11 Sep 2023 13:28

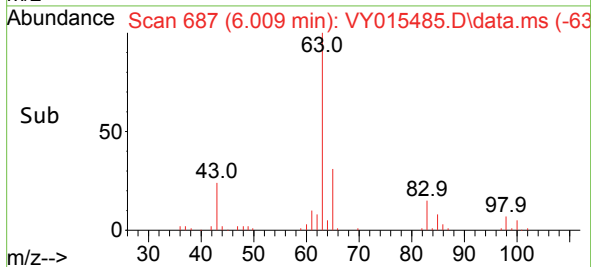
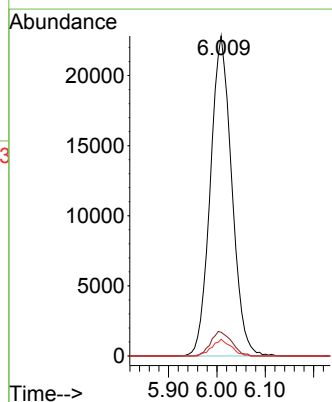
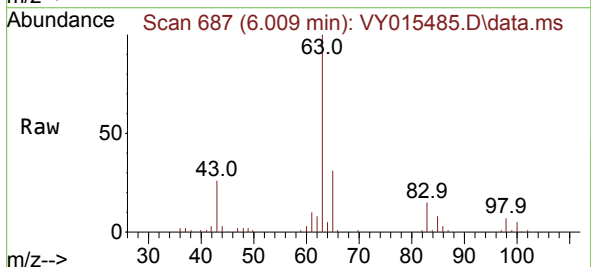
Instrument :
 MSVOA_Y
 ClientSampleId :

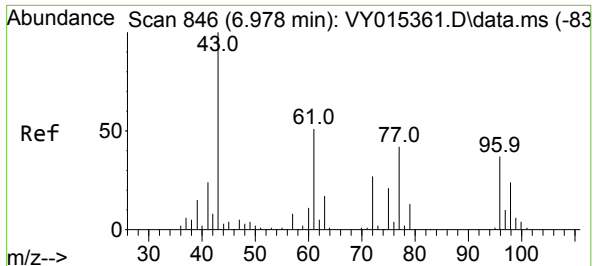
Tgt Ion: 43 Resp: 389709
 Ion Ratio Lower Upper
 43 100
 86 11.8 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 19.109 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.006 min
 Lab File: VY015485.D
 Acq: 11 Sep 2023 13:28

Tgt Ion: 63 Resp: 70227
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.1 9.4
 100 5.2 1.8 5.5

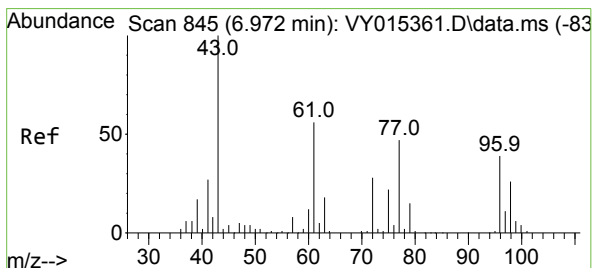
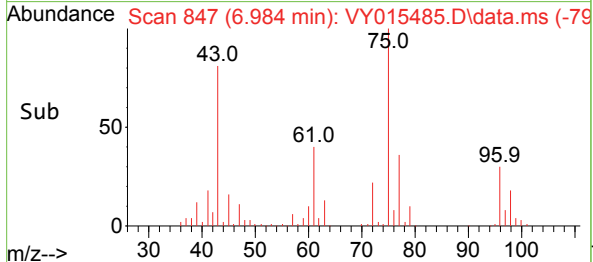
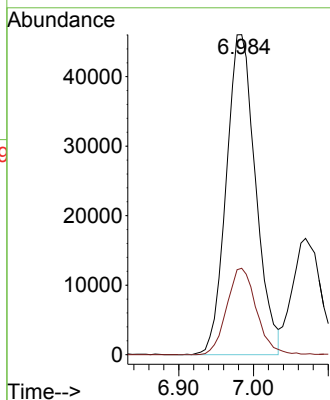
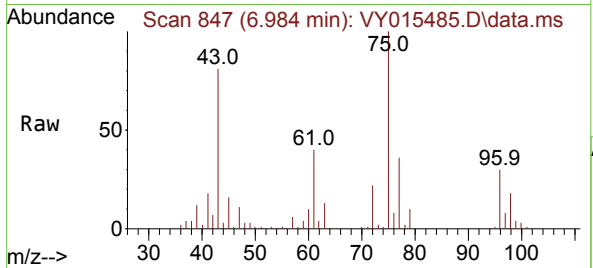




#25
2-Butanone
Concen: 107.842 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY015485.D
Acq: 11 Sep 2023 13:28

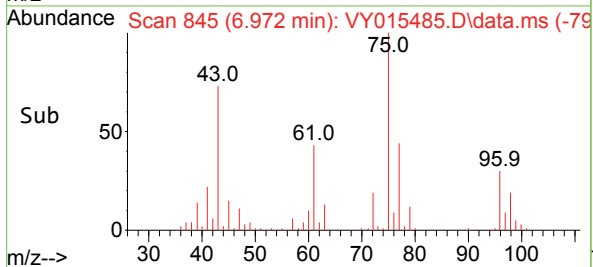
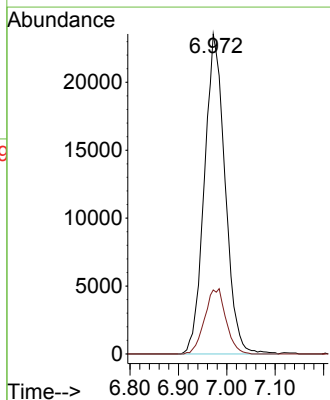
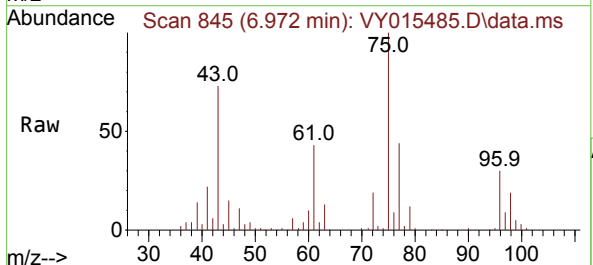
Instrument :
MSVOA_Y
ClientSampleId :

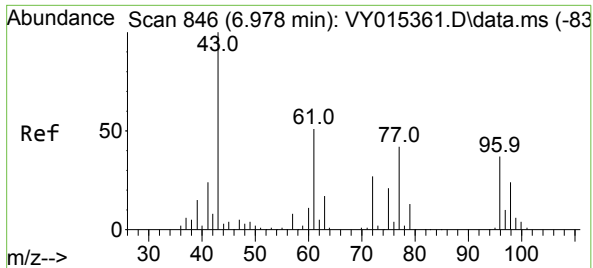
Tgt Ion: 43 Resp: 125695
Ion Ratio Lower Upper
43 100
72 27.0 20.5 30.7



#26
2,2-Dichloropropane
Concen: 22.441 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY015485.D
Acq: 11 Sep 2023 13:28

Tgt Ion: 77 Resp: 70047
Ion Ratio Lower Upper
77 100
97 20.9 10.9 32.9

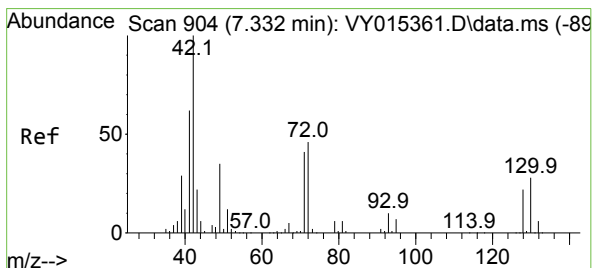
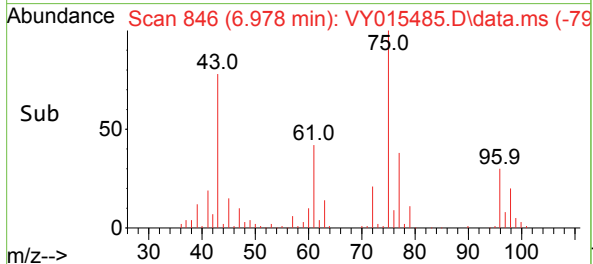
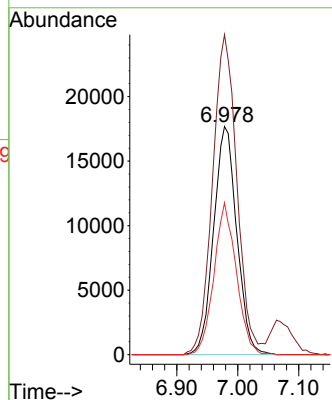
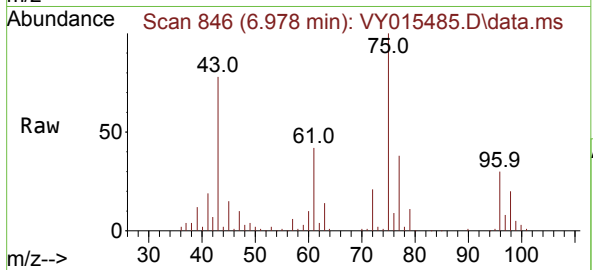




#27
 cis-1,2-Dichloroethene
 Concen: 19.587 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY015485.D
 Acq: 11 Sep 2023 13:28

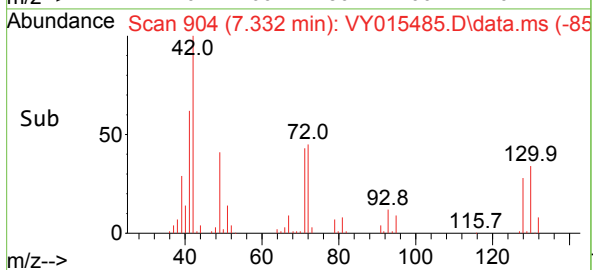
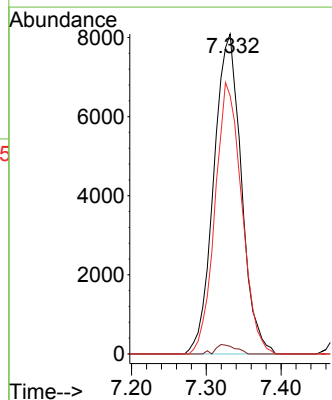
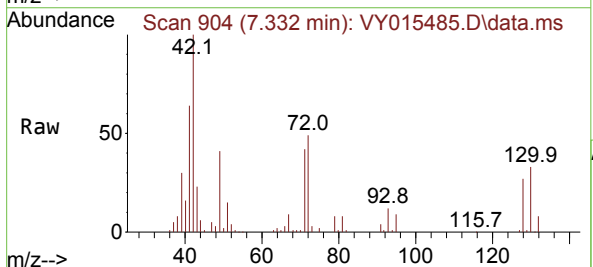
Instrument :
 MSVOA_Y
 ClientSampleId :

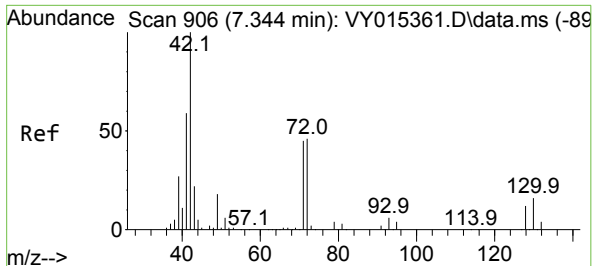
Tgt Ion: 96 Resp: 46714
 Ion Ratio Lower Upper
 96 100
 61 147.6 0.0 301.4
 98 64.3 0.0 130.4



#28
 Bromochloromethane
 Concen: 18.374 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.006 min
 Lab File: VY015485.D
 Acq: 11 Sep 2023 13:28

Tgt Ion: 49 Resp: 20707
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 82.4 60.7 91.1





#29

Tetrahydrofuran

Concen: 96.572 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY015485.D

Acq: 11 Sep 2023 13:28

Instrument :

MSVOA_Y

ClientSampleId :

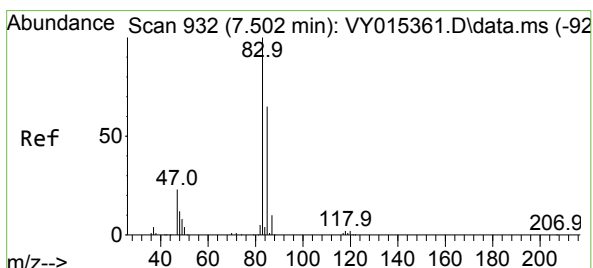
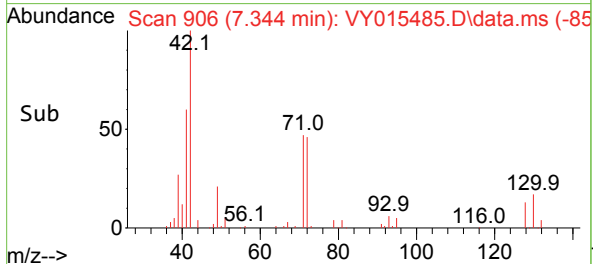
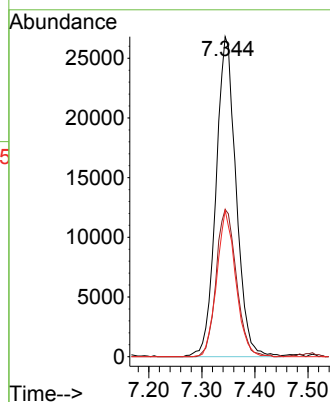
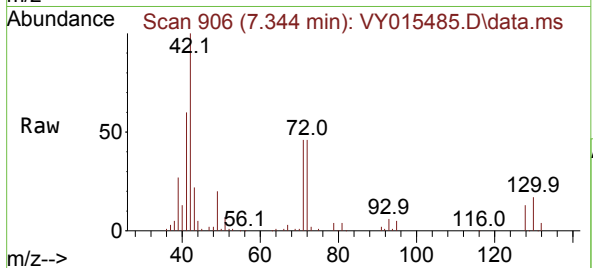
Tgt Ion: 42 Resp: 70684

Ion Ratio Lower Upper

42 100

72 46.5 32.8 49.2

71 43.2 31.0 46.4



#30

Chloroform

Concen: 20.392 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.006 min

Lab File: VY015485.D

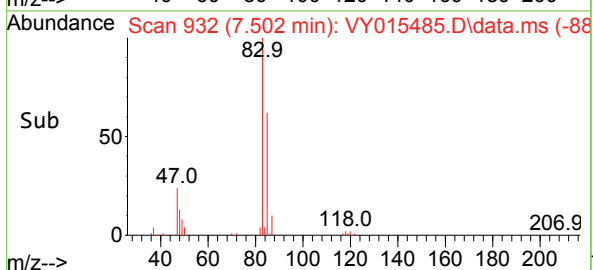
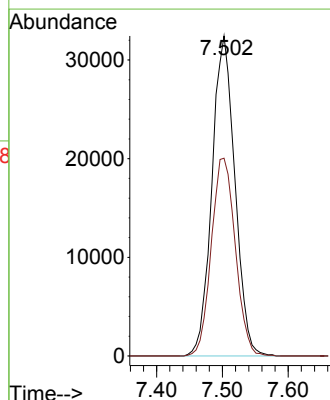
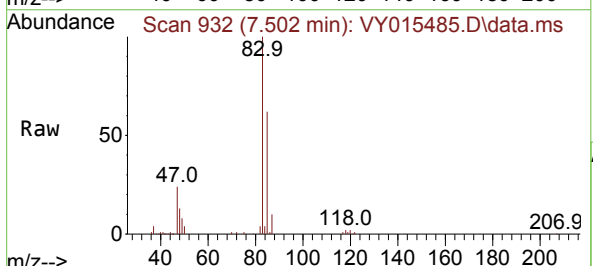
Acq: 11 Sep 2023 13:28

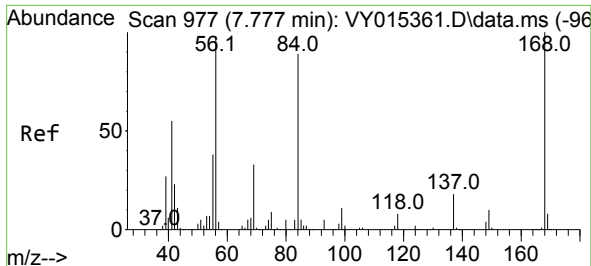
Tgt Ion: 83 Resp: 78783

Ion Ratio Lower Upper

83 100

85 61.8 49.7 74.5





#31

Cyclohexane

Concen: 16.206 ug/l

RT: 7.783 min Scan# 91

Delta R.T. 0.000 min

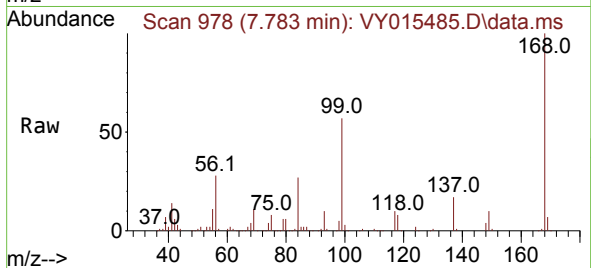
Lab File: VY015485.D

Acq: 11 Sep 2023 13:28

Instrument :

MSVOA_Y

ClientSampleId :



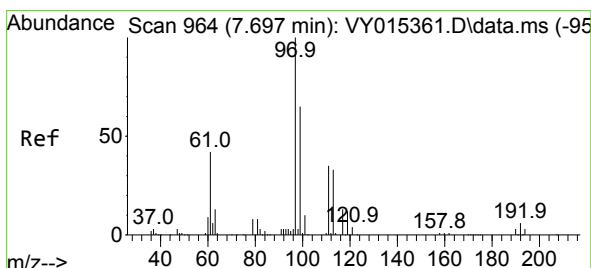
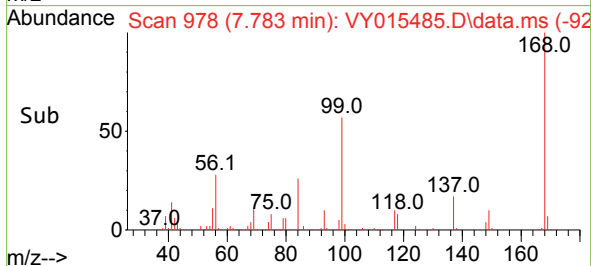
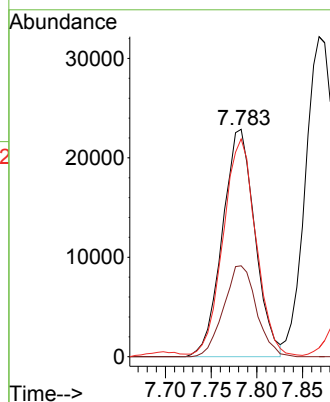
Tgt Ion: 56 Resp: 56677

Ion Ratio Lower Upper

56 100

69 39.6 27.8 41.6

84 94.6 66.4 99.6



#32

1,1,1-Trichloroethane

Concen: 20.142 ug/l

RT: 7.697 min Scan# 964

Delta R.T. 0.006 min

Lab File: VY015485.D

Acq: 11 Sep 2023 13:28

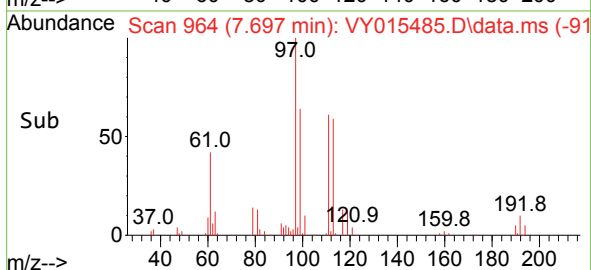
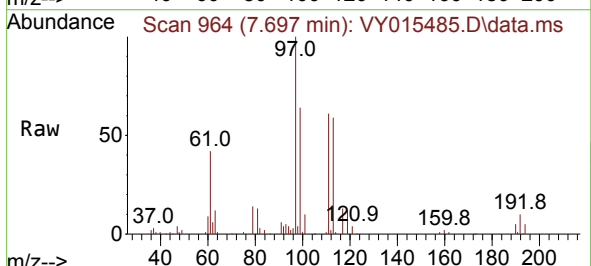
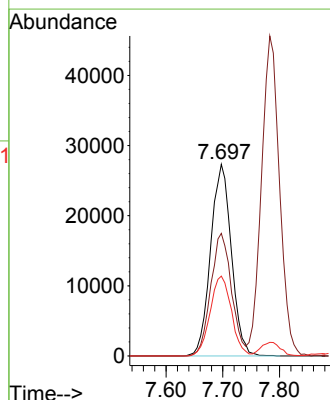
Tgt Ion: 97 Resp: 69506

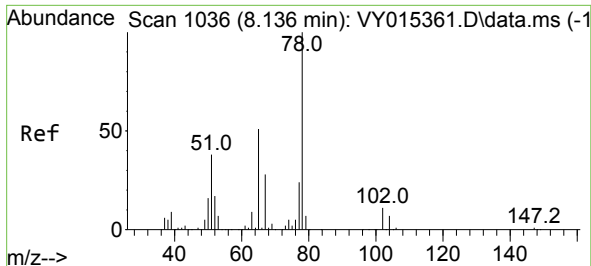
Ion Ratio Lower Upper

97 100

99 63.9 50.8 76.2

61 42.7 35.1 52.7

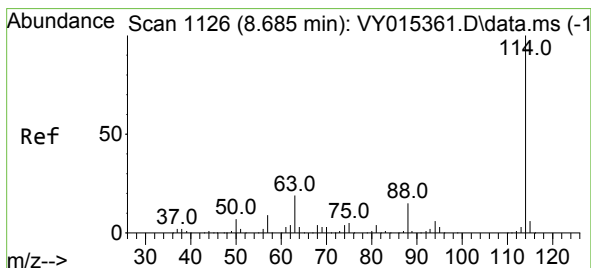
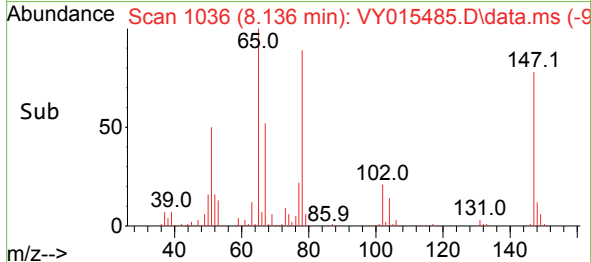
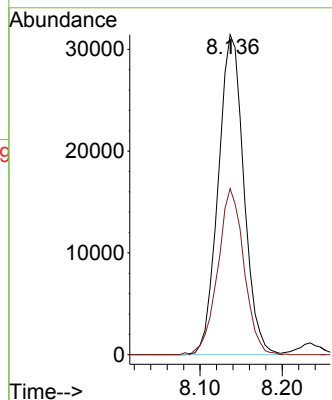
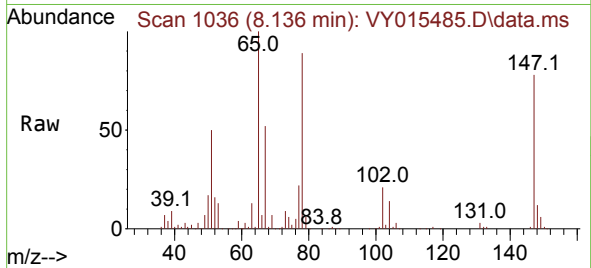




#33
 1,2-Dichloroethane-d4
 Concen: 34.547 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY015485.D
 Acq: 11 Sep 2023 13:28

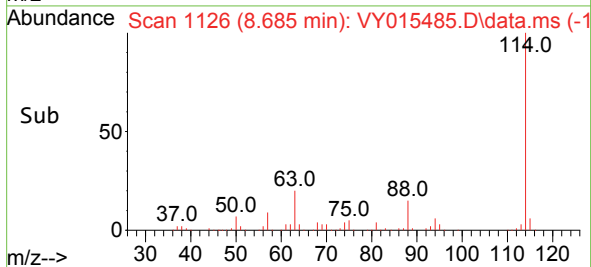
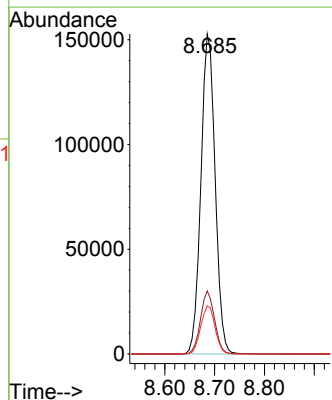
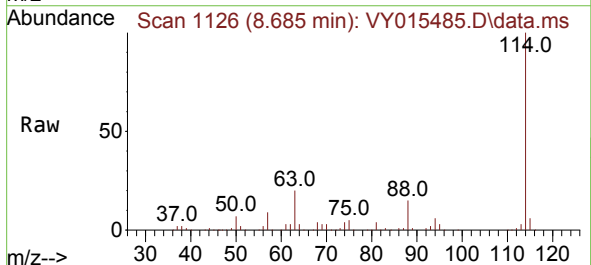
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 65 Resp: 68016
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY015485.D
 Acq: 11 Sep 2023 13:28

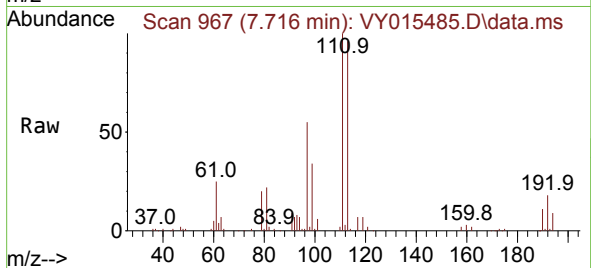
Tgt Ion: 114 Resp: 302542
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 42.4
 88 15.0 0.0 30.6



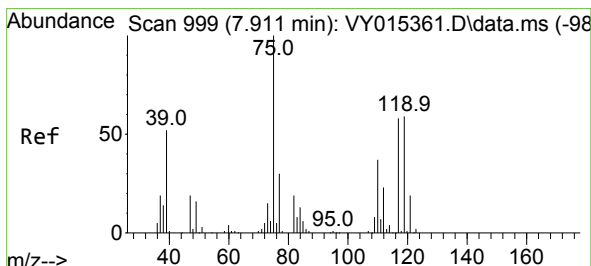
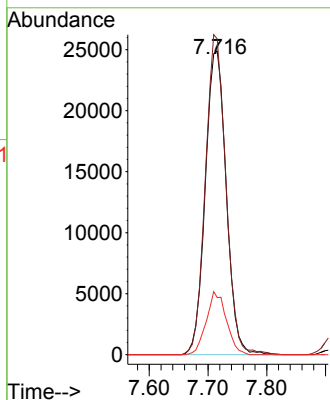
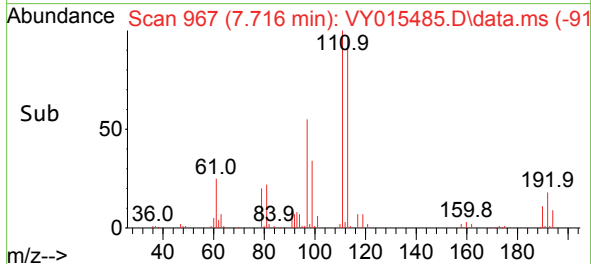


#35
Dibromofluoromethane
Concen: 35.438 ug/l
RT: 7.716 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY015485.D
Acq: 11 Sep 2023 13:28

Instrument :
MSVOA_Y
ClientSampleId :

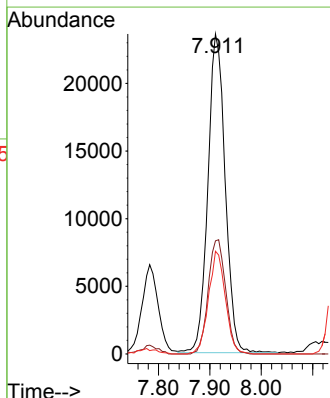
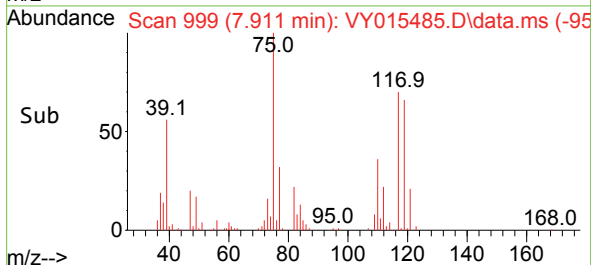
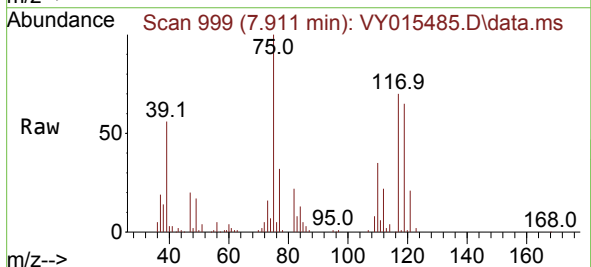


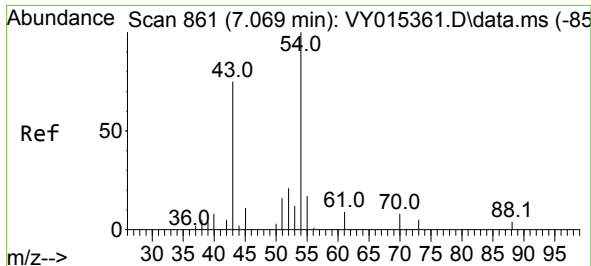
Tgt Ion:113 Resp: 61753
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 19.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 18.049 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY015485.D
Acq: 11 Sep 2023 13:28

Tgt Ion: 75 Resp: 55227
Ion Ratio Lower Upper
75 100
110 36.2 17.8 53.5
77 31.4 24.4 36.6





#37

Ethyl Acetate

Concen: 19.494 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.006 min

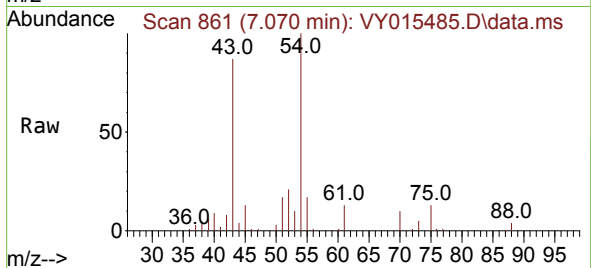
Lab File: VY015485.D

Acq: 11 Sep 2023 13:28

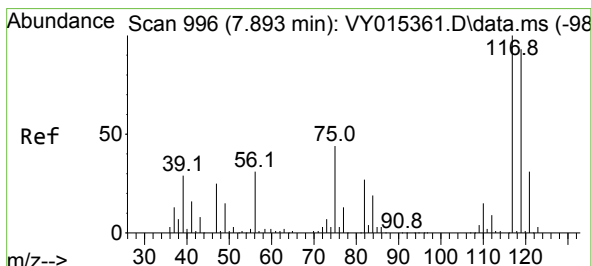
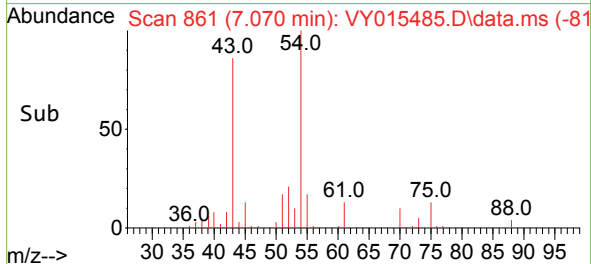
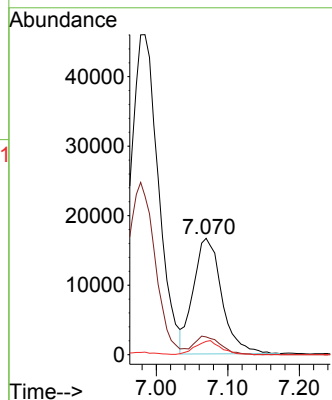
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	46002
Ion	Ratio	Lower	Upper
43	100		
61	14.3	10.1	15.1
70	10.9	7.1	10.7



#38

Carbon Tetrachloride

Concen: 19.284 ug/l

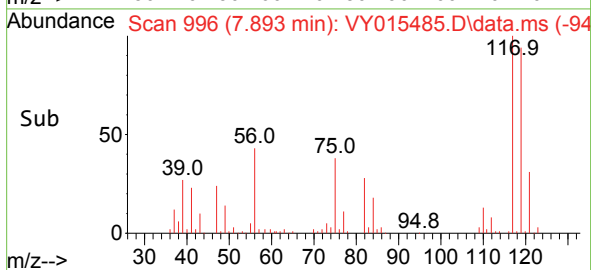
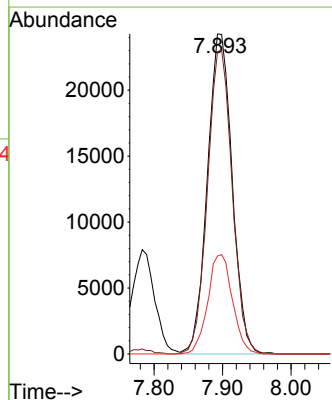
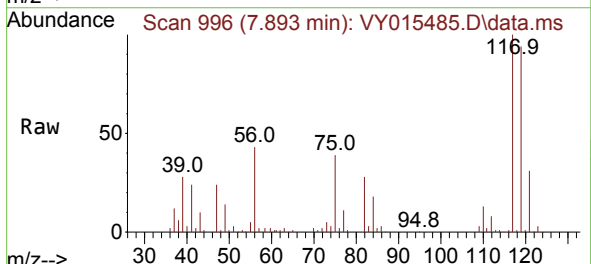
RT: 7.893 min Scan# 996

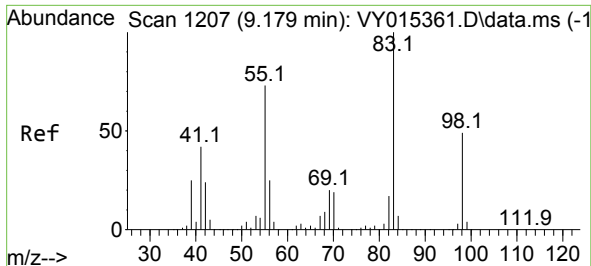
Delta R.T. 0.000 min

Lab File: VY015485.D

Acq: 11 Sep 2023 13:28

Tgt Ion:	117	Resp:	60940
Ion	Ratio	Lower	Upper
117	100		
119	94.4	76.4	114.6
121	30.6	25.8	38.6





#39

Methylcyclohexane

Concen: 16.768 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015485.D

Acq: 11 Sep 2023 13:28

Instrument :

MSVOA_Y

ClientSampleId :

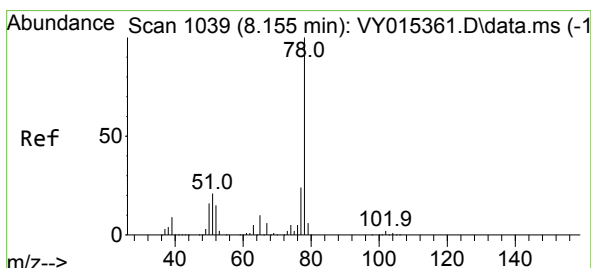
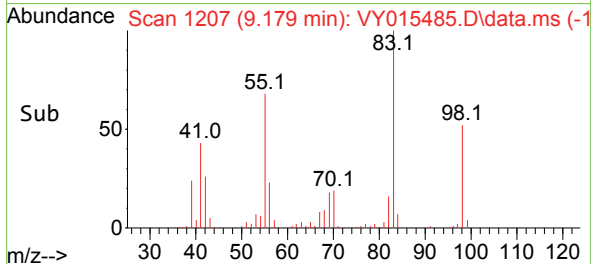
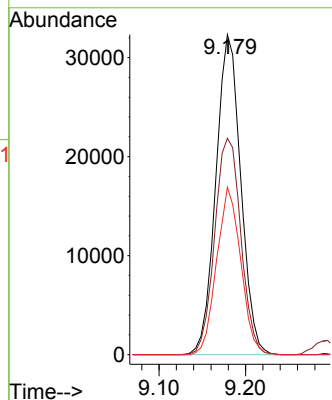
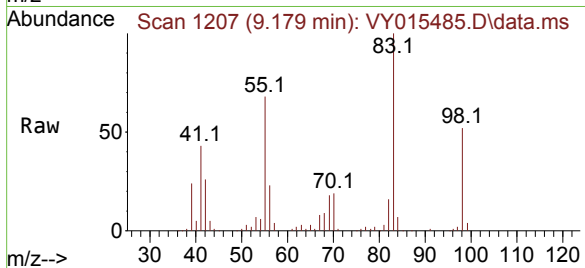
Tgt Ion: 83 Resp: 64591

Ion Ratio Lower Upper

83 100

55 67.7 63.0 94.4

98 52.3 37.4 56.2



#40

Benzene

Concen: 18.681 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY015485.D

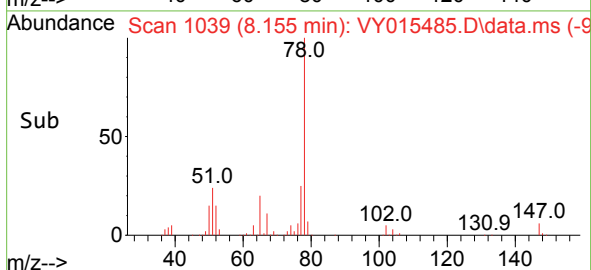
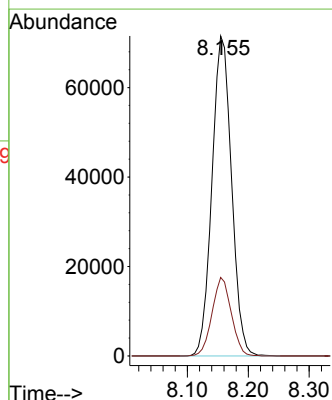
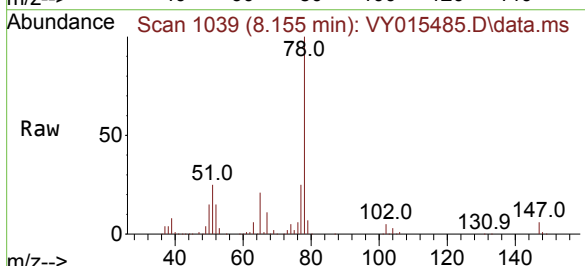
Acq: 11 Sep 2023 13:28

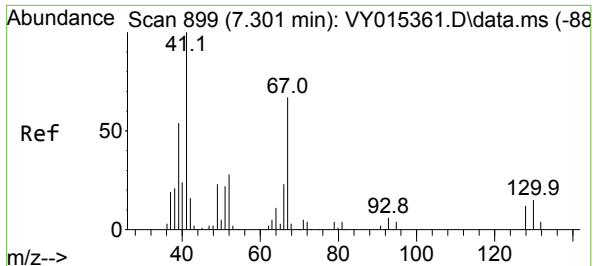
Tgt Ion: 78 Resp: 159473

Ion Ratio Lower Upper

78 100

77 24.6 19.0 28.6

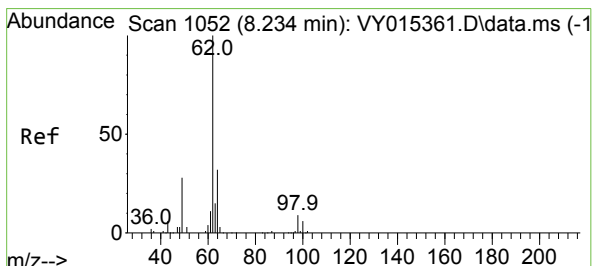
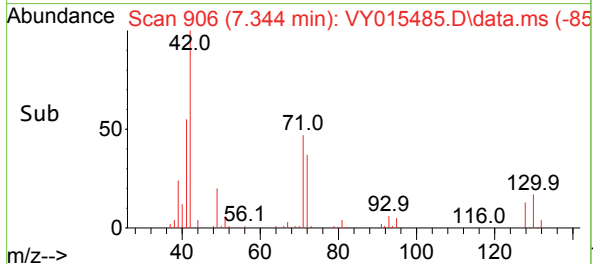
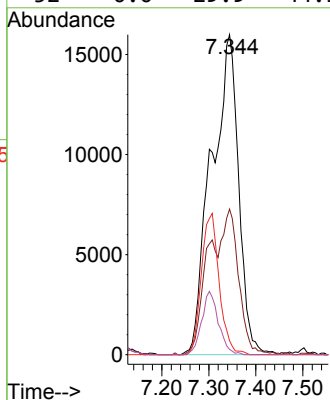
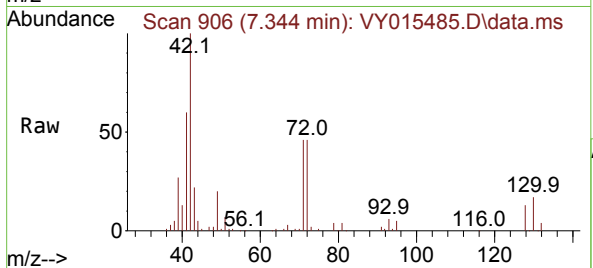




#41
Methacrylonitrile
Concen: 58.068 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.031 min
Lab File: VY015485.D
Acq: 11 Sep 2023 13:28

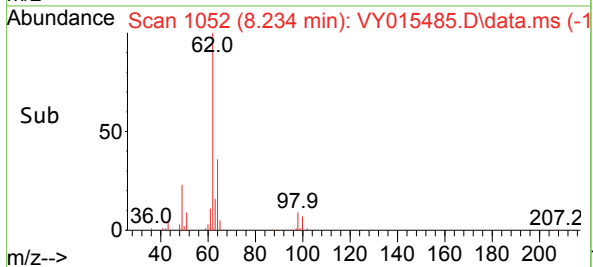
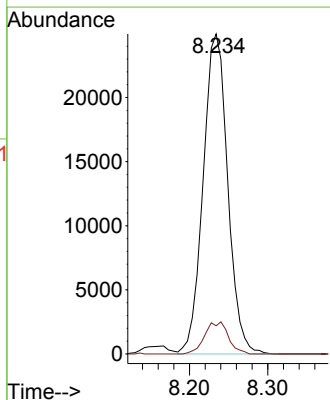
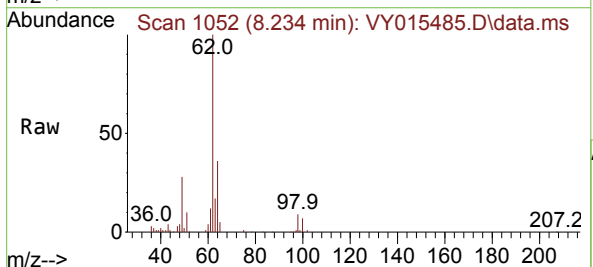
Instrument :
MSVOA_Y
ClientSampleId :

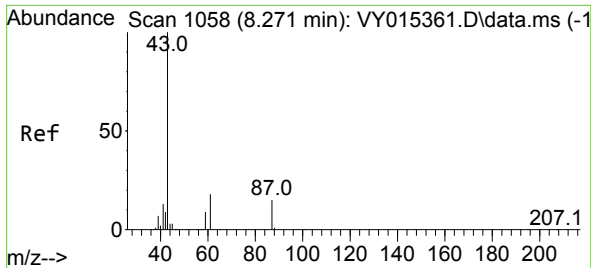
Tgt Ion: 41	Resp: 64260
Ion Ratio	Lower Upper
41 100	
39 28.8	52.1 78.1#
67 0.0	66.2 99.2#
52 0.0	29.9 44.9#



#42
1,2-Dichloroethane
Concen: 19.108 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY015485.D
Acq: 11 Sep 2023 13:28

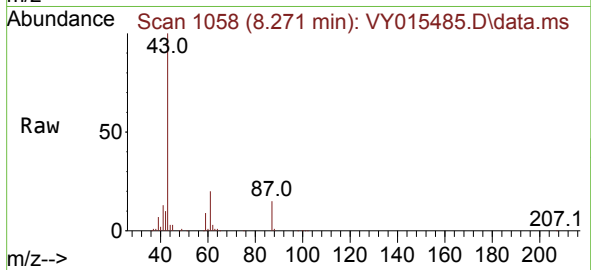
Tgt Ion: 62	Resp: 54394
Ion Ratio	Lower Upper
62 100	
98 9.7	0.0 15.8



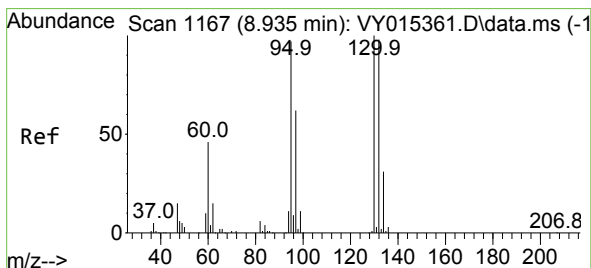
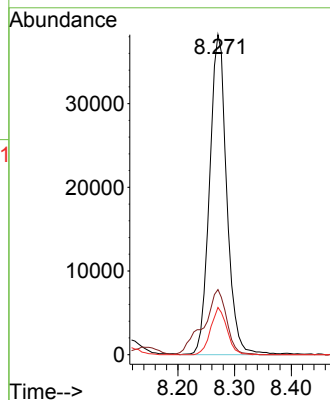
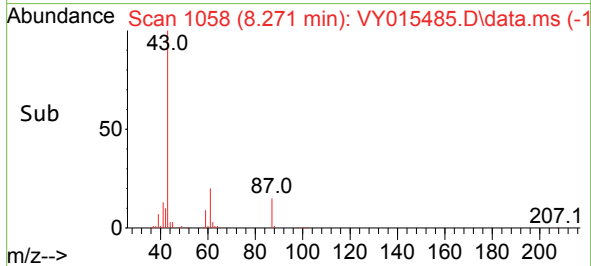


#43
Isopropyl Acetate
Concen: 19.709 ug/l
RT: 8.271 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VY015485.D
Acq: 11 Sep 2023 13:28

Instrument :
MSVOA_Y
ClientSampleId :

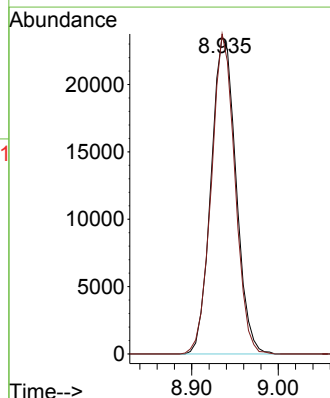
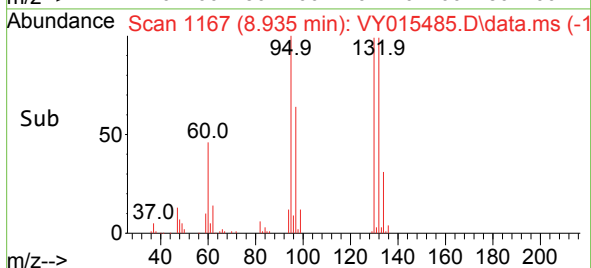
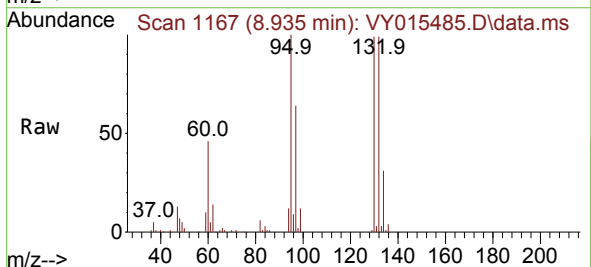


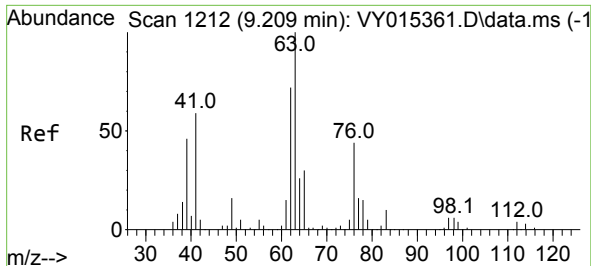
Tgt Ion	Ratio	Lower	Upper
43	100		
61	27.3	21.1	31.7
87	14.0	9.8	14.8



#44
Trichloroethene
Concen: 19.466 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY015485.D
Acq: 11 Sep 2023 13:28

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.8	0.0	196.0

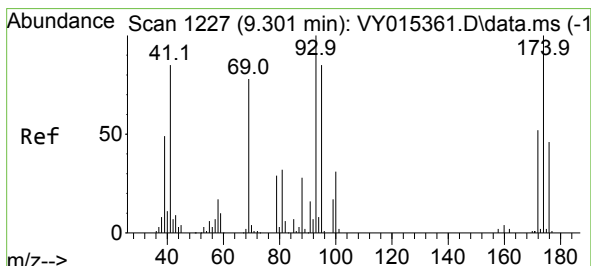
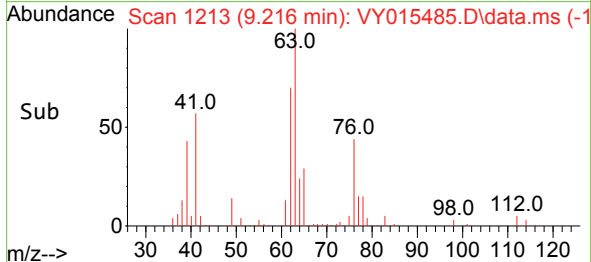
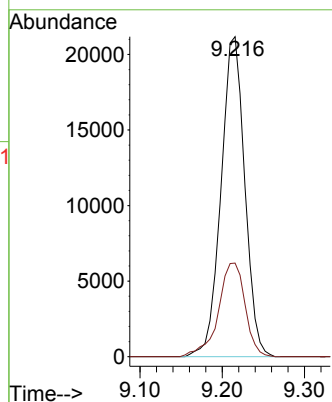
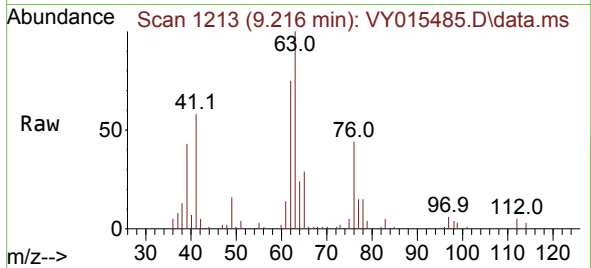




#45
1,2-Dichloropropane
Concen: 19.761 ug/l
RT: 9.216 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015485.D
Acq: 11 Sep 2023 13:28

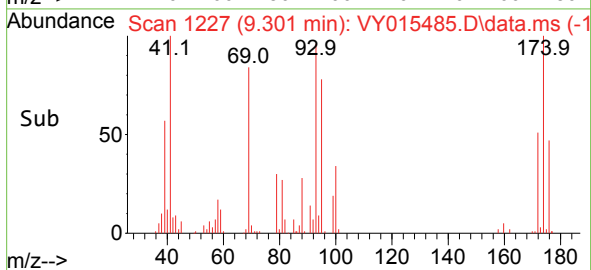
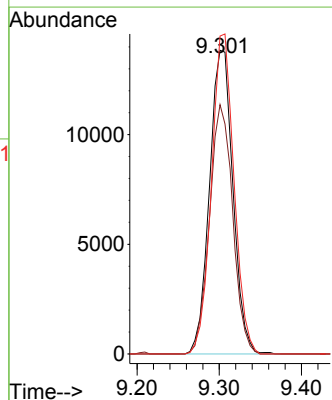
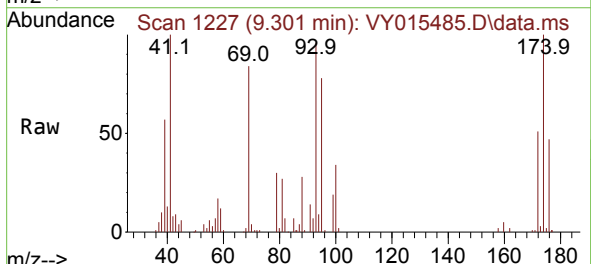
Instrument :
MSVOA_Y
ClientSampleId :

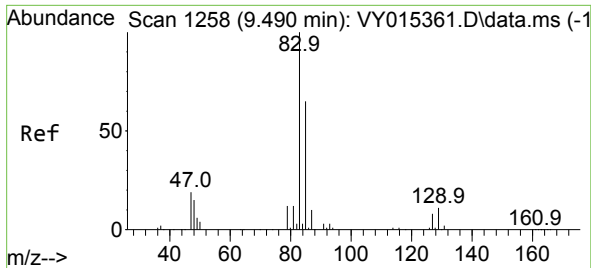
Tgt Ion: 63 Resp: 42526
Ion Ratio Lower Upper
63 100
65 29.2 23.8 35.6



#46
Dibromomethane
Concen: 19.216 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY015485.D
Acq: 11 Sep 2023 13:28

Tgt Ion: 93 Resp: 27469
Ion Ratio Lower Upper
93 100
95 81.0 66.6 100.0
174 101.3 84.8 127.2

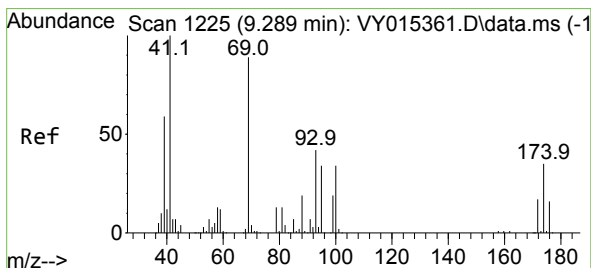
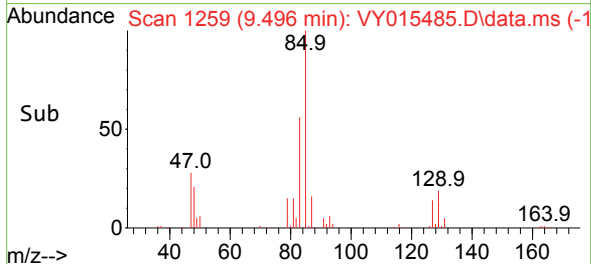
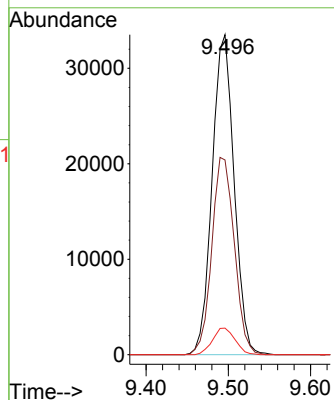
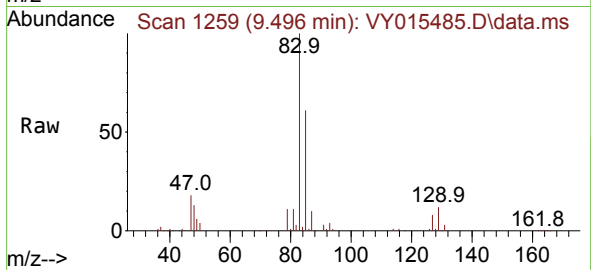




#47
Bromodichloromethane
Concen: 20.311 ug/l
RT: 9.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015485.D
Acq: 11 Sep 2023 13:28

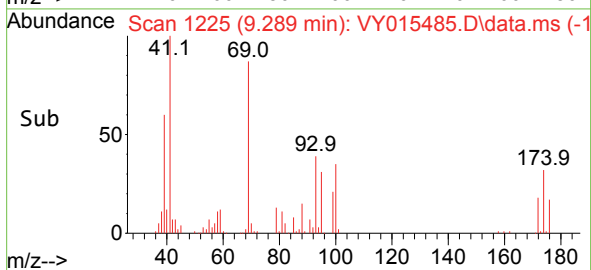
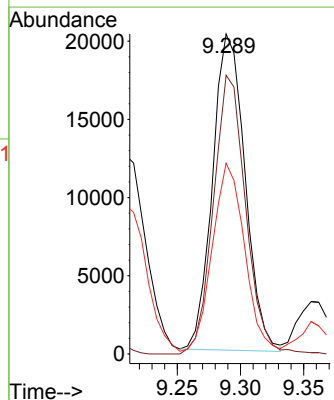
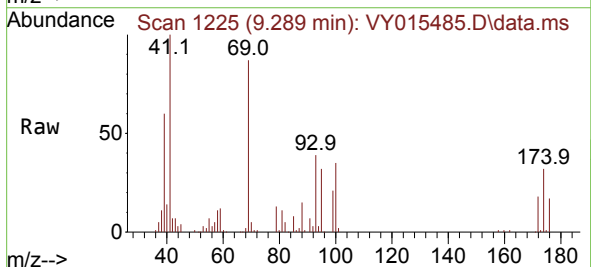
Instrument :
MSVOA_Y
ClientSampleId :

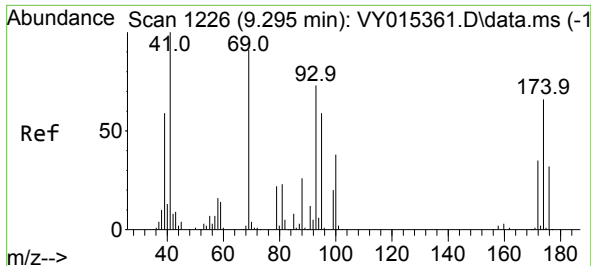
Tgt Ion: 83 Resp: 62091
Ion Ratio Lower Upper
83 100
85 60.8 50.1 75.1
127 8.3 7.1 10.7



#48
Methyl methacrylate
Concen: 19.255 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY015485.D
Acq: 11 Sep 2023 13:28

Tgt Ion: 41 Resp: 36051
Ion Ratio Lower Upper
41 100
69 87.6 64.5 96.7
39 60.9 50.8 76.2





#49

1,4-Dioxane

Concen: 418.307 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.012 min

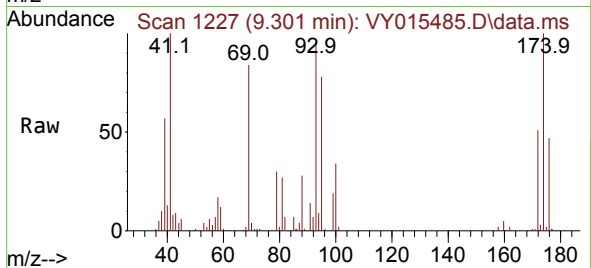
Lab File: VY015485.D

Acq: 11 Sep 2023 13:28

Instrument :

MSVOA_Y

ClientSampleId :



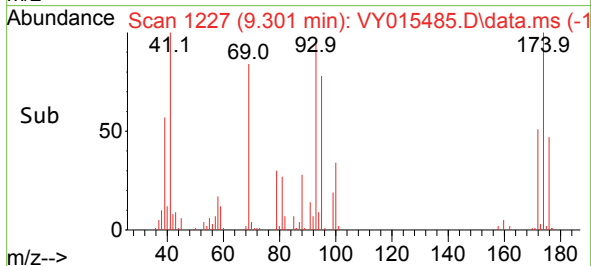
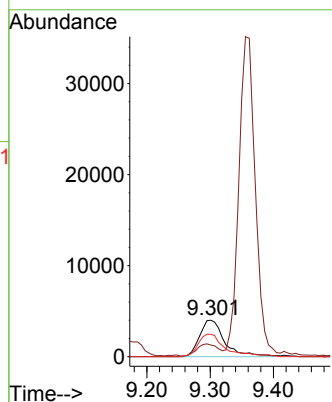
Tgt Ion: 88 Resp: 11107

Ion Ratio Lower Upper

88 100

43 26.8 0.0 0.0#

58 66.3 30.9 46.3#



#50

Toluene-d8

Concen: 33.797 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015485.D

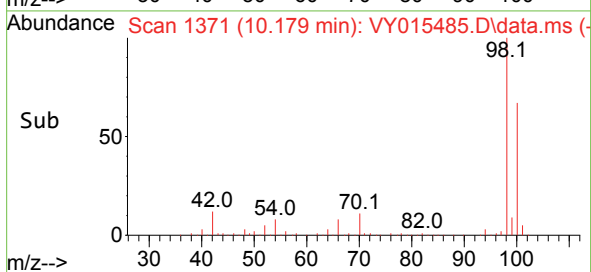
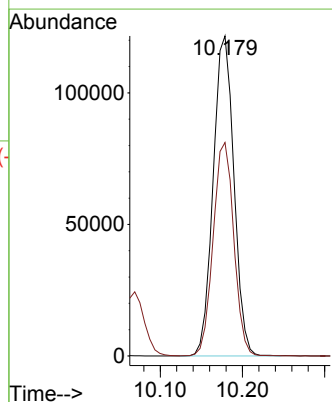
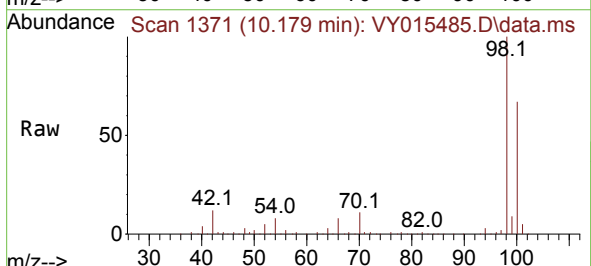
Acq: 11 Sep 2023 13:28

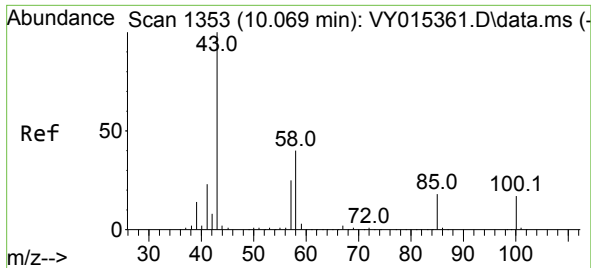
Tgt Ion: 98 Resp: 213274

Ion Ratio Lower Upper

98 100

100 66.5 50.1 75.1

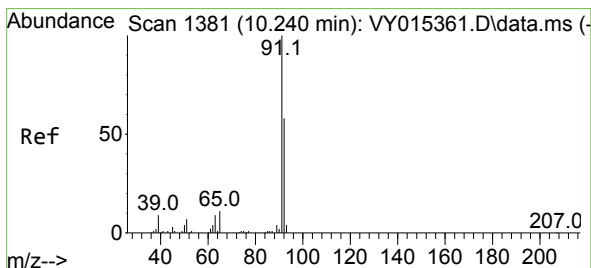
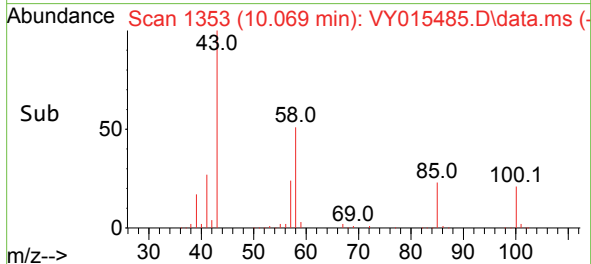
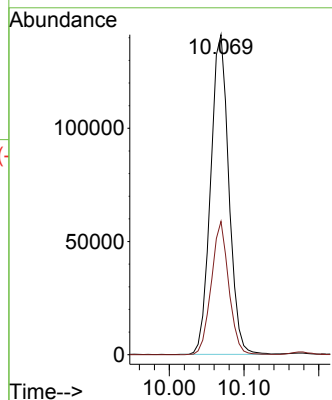
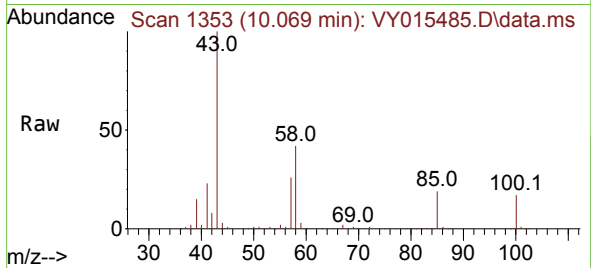




#51
4-Methyl-2-Pentanone
Concen: 101.134 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY015485.D
Acq: 11 Sep 2023 13:28

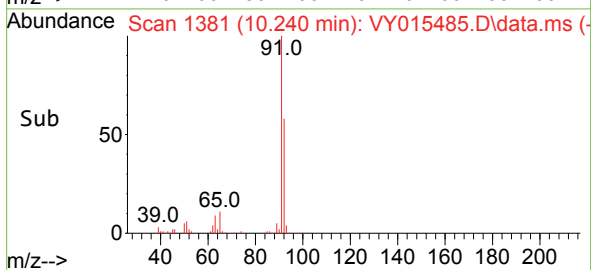
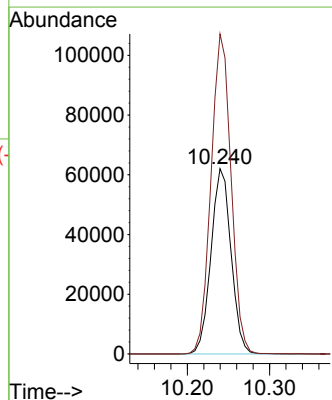
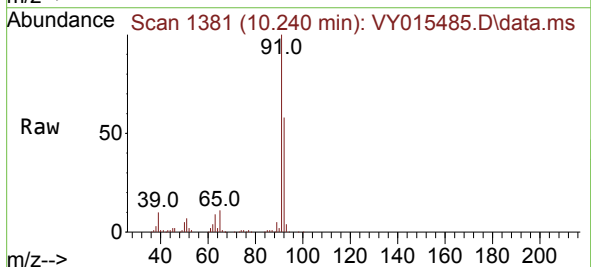
Instrument :
MSVOA_Y
ClientSampleId :

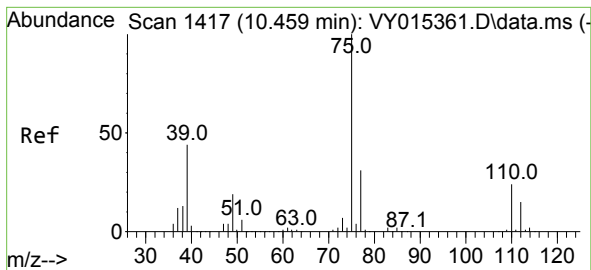
Tgt Ion: 43 Resp: 239868
Ion Ratio Lower Upper
43 100
58 40.0 29.0 43.6



#52
Toluene
Concen: 19.212 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY015485.D
Acq: 11 Sep 2023 13:28

Tgt Ion: 92 Resp: 105121
Ion Ratio Lower Upper
92 100
91 172.7 143.8 215.6

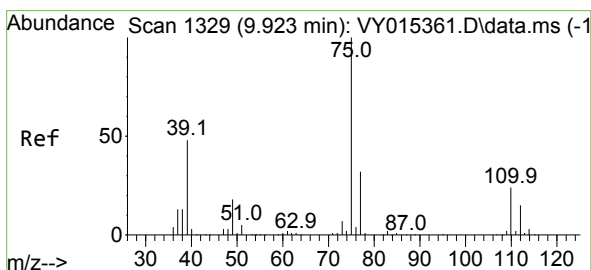
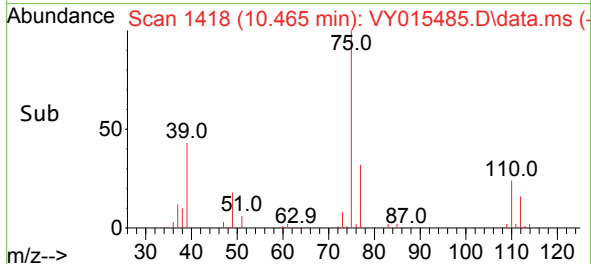
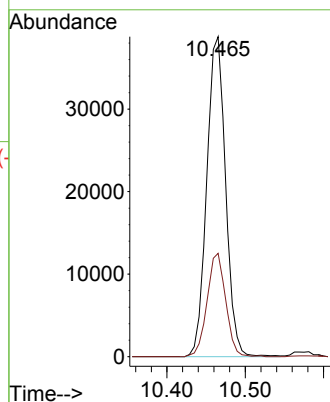
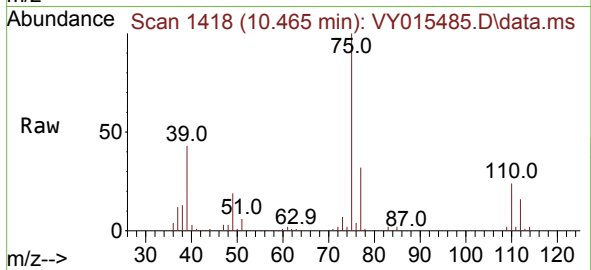




#53
 t-1,3-Dichloropropene
 Concen: 19.929 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY015485.D
 Acq: 11 Sep 2023 13:28

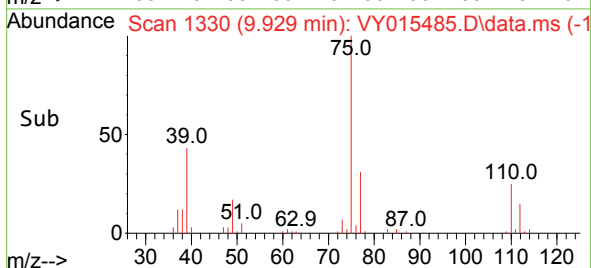
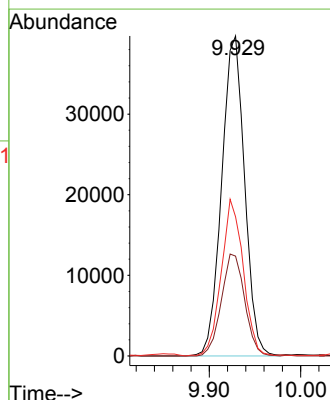
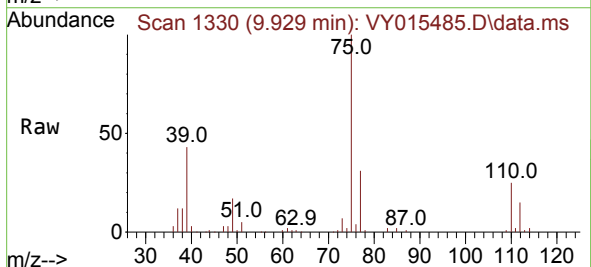
Instrument :
 MSVOA_Y
 ClientSampleId :

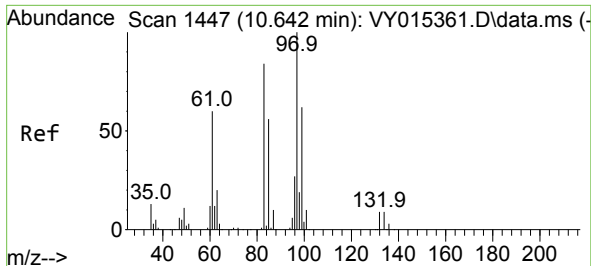
Tgt Ion: 75 Resp: 64745
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 19.587 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY015485.D
 Acq: 11 Sep 2023 13:28

Tgt Ion: 75 Resp: 69223
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.2 36.4
 39 43.2 42.2 63.4

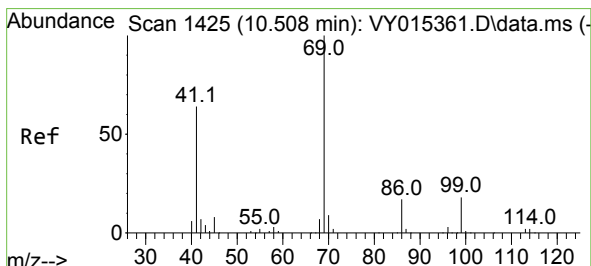
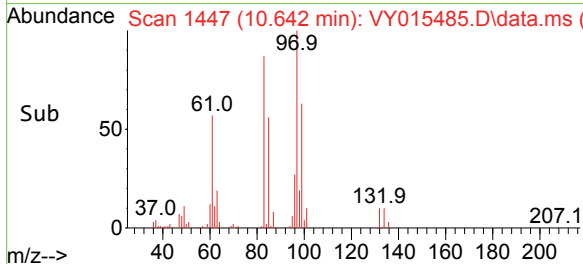
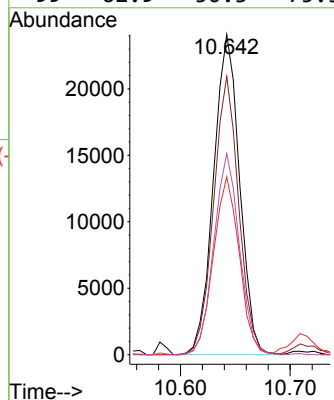
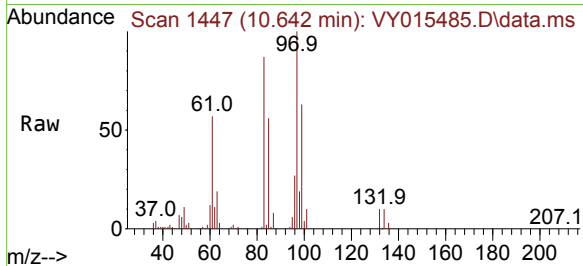




#55
1,1,2-Trichloroethane
Concen: 20.636 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY015485.D
Acq: 11 Sep 2023 13:28

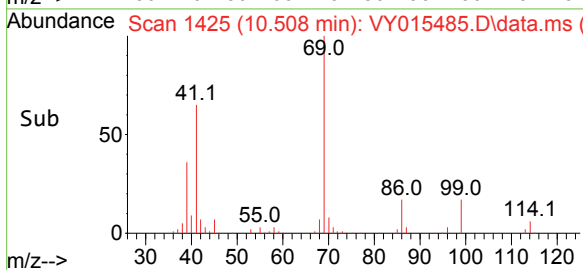
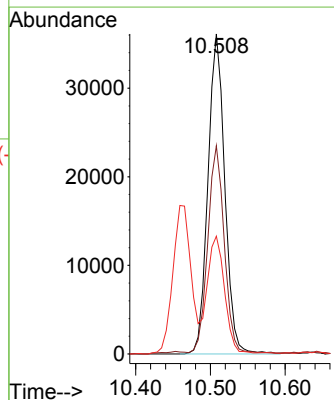
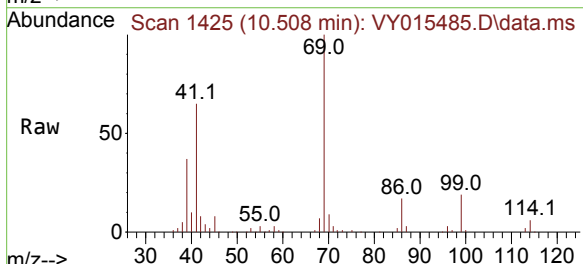
Instrument :
MSVOA_Y
ClientSampleId :

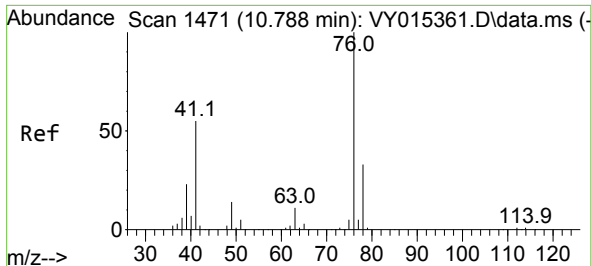
Tgt Ion:	97	Resp:	39747
Ion	Ratio	Lower	Upper
97	100		
83	86.9	72.0	108.0
85	55.3	45.4	68.0
99	62.9	50.3	75.5



#56
Ethyl methacrylate
Concen: 19.837 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY015485.D
Acq: 11 Sep 2023 13:28

Tgt Ion:	69	Resp:	56620
Ion	Ratio	Lower	Upper
69	100		
41	63.6	57.6	86.4
39	37.5	34.1	51.1

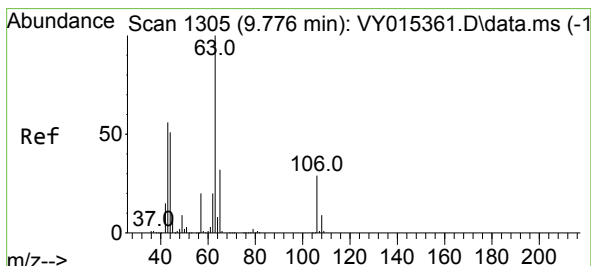
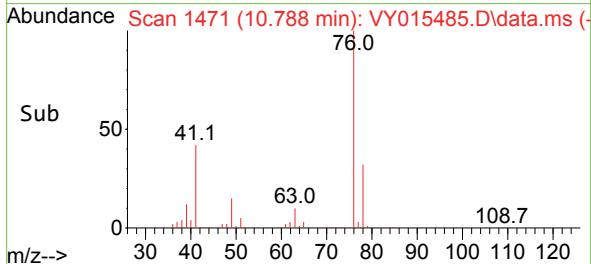
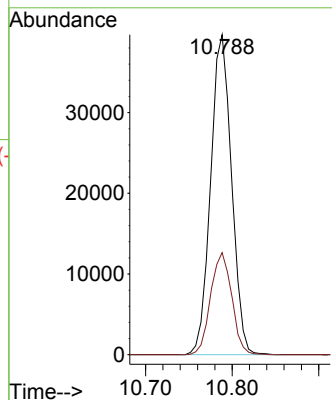
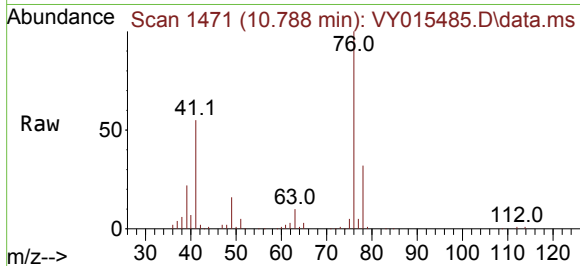




#57
1,3-Dichloropropane
Concen: 20.056 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY015485.D
Acq: 11 Sep 2023 13:28

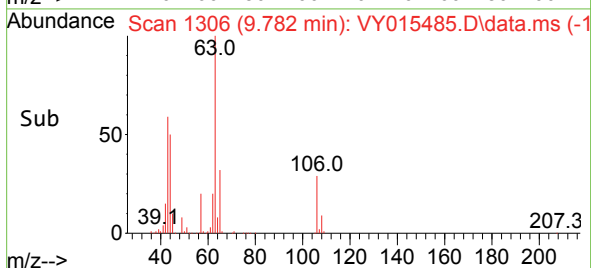
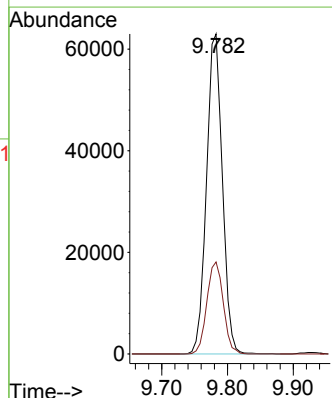
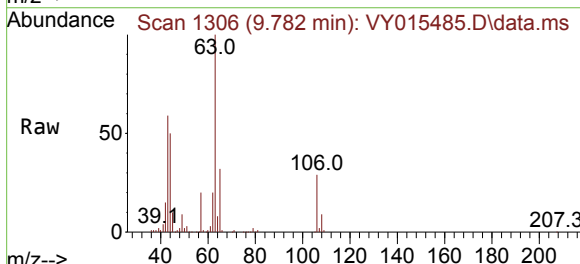
Instrument :
MSVOA_Y
ClientSampleId :

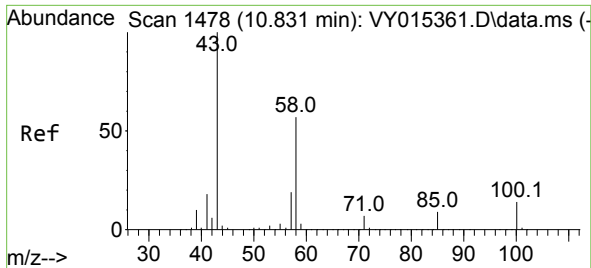
Tgt Ion: 76 Resp: 66498
Ion Ratio Lower Upper
76 100
78 32.2 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 103.693 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.006 min
Lab File: VY015485.D
Acq: 11 Sep 2023 13:28

Tgt Ion: 63 Resp: 105643
Ion Ratio Lower Upper
63 100
106 29.8 21.2 31.8

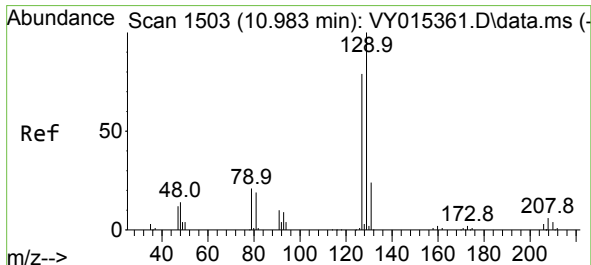
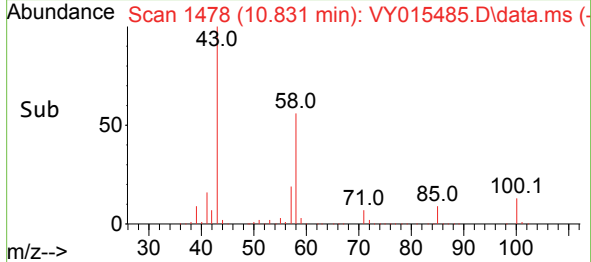
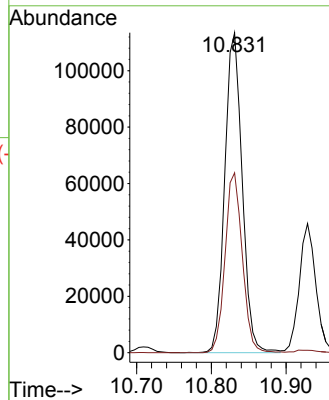
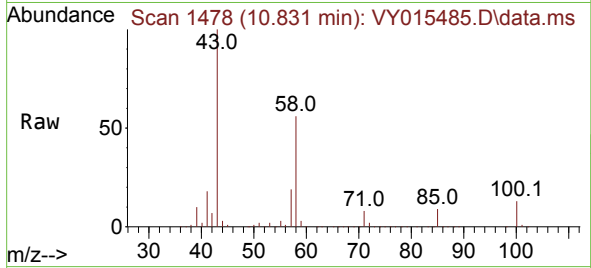




#59
2-Hexanone
Concen: 103.491 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015485.D
Acq: 11 Sep 2023 13:28

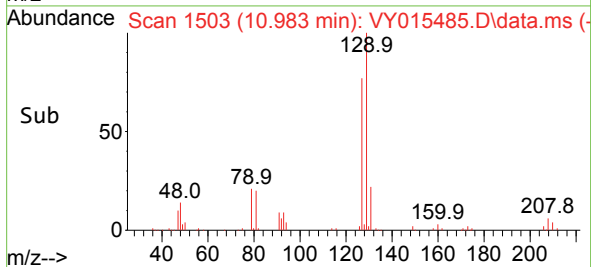
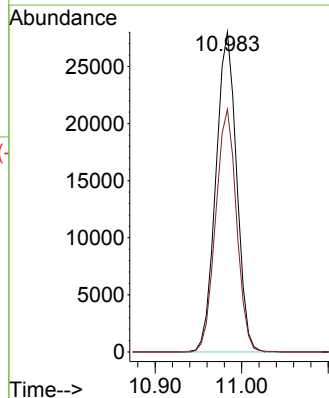
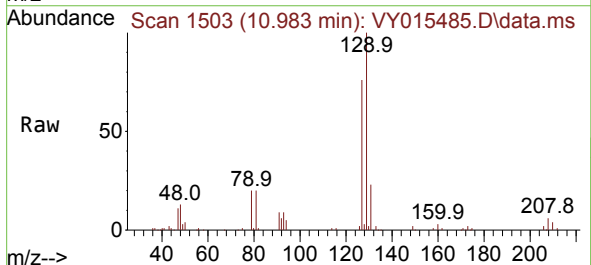
Instrument :
MSVOA_Y
ClientSampleId :

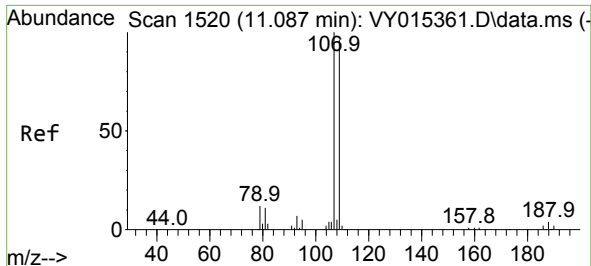
Tgt Ion: 43 Resp: 184180
Ion Ratio Lower Upper
43 100
58 55.7 25.1 75.3



#60
Dibromochloromethane
Concen: 20.612 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015485.D
Acq: 11 Sep 2023 13:28

Tgt Ion: 129 Resp: 46469
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.5

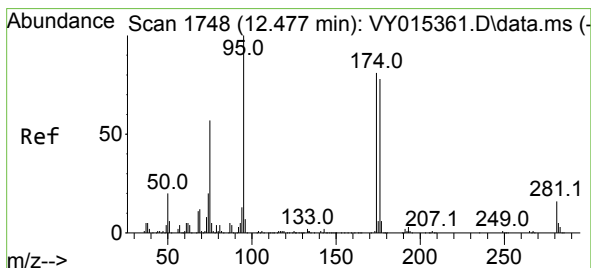
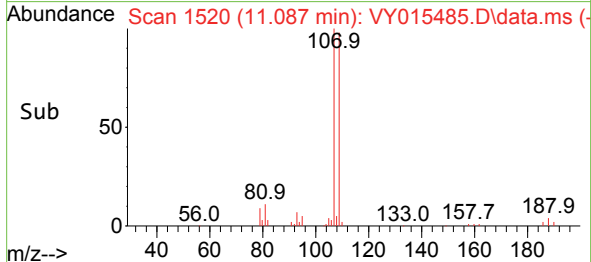
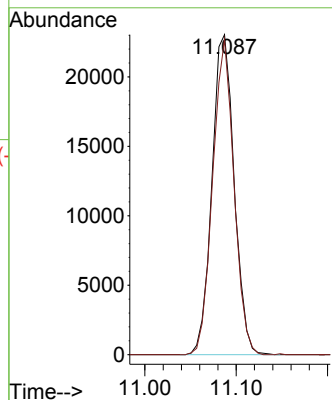
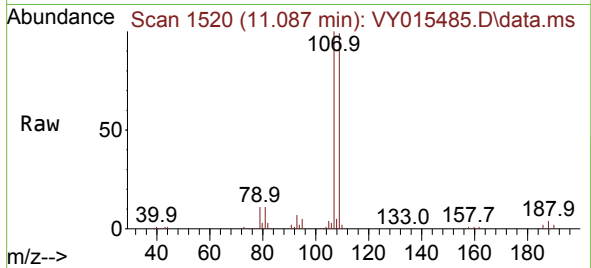




#61
1,2-Dibromoethane
Concen: 19.911 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY015485.D
Acq: 11 Sep 2023 13:28

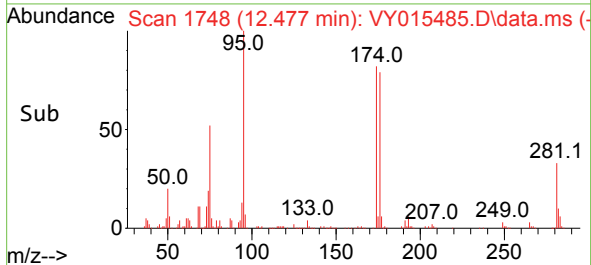
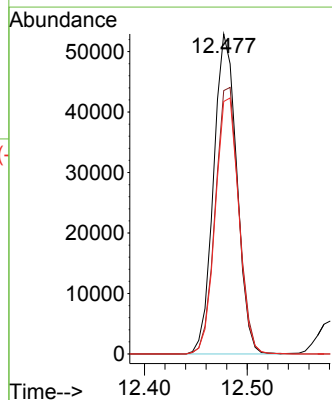
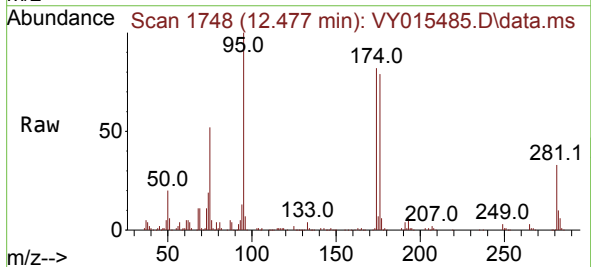
Instrument :
MSVOA_Y
ClientSampleId :

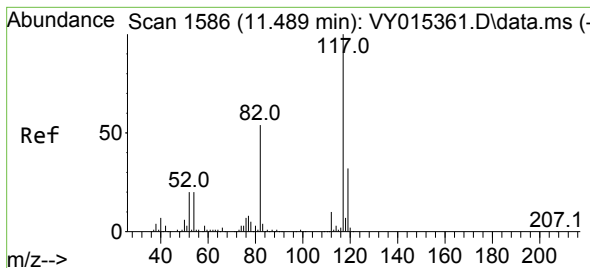
Tgt Ion:107 Resp: 38861
Ion Ratio Lower Upper
107 100
109 94.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 35.398 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015485.D
Acq: 11 Sep 2023 13:28

Tgt Ion: 95 Resp: 82927
Ion Ratio Lower Upper
95 100
174 84.1 0.0 178.2
176 80.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. 0.000 min

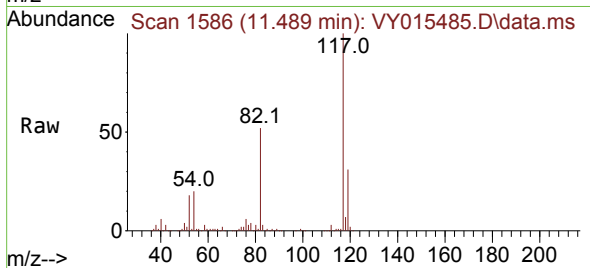
Lab File: VY015485.D

Acq: 11 Sep 2023 13:28

Instrument :

MSVOA_Y

ClientSampleId :



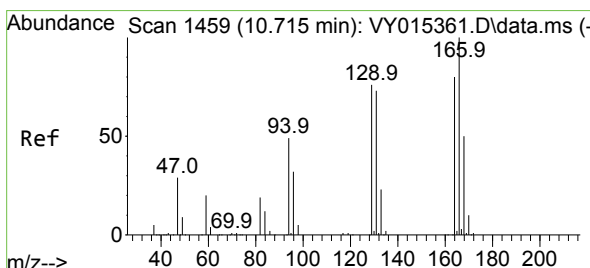
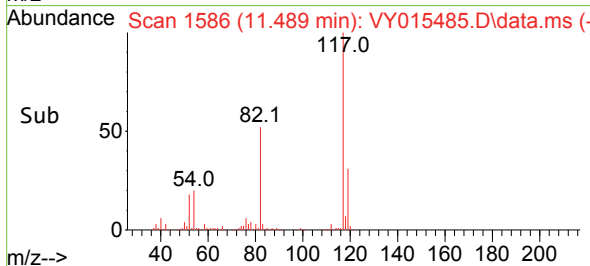
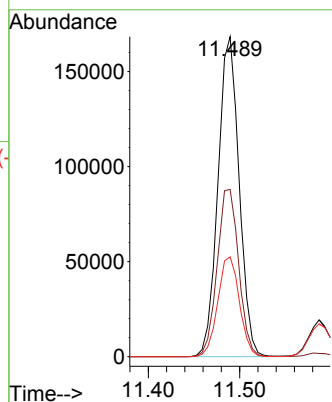
Tgt Ion:117 Resp: 270580

Ion Ratio Lower Upper

117 100

82 52.3 43.4 65.0

119 31.2 26.3 39.5



#64

Tetrachloroethene

Concen: 20.537 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY015485.D

Acq: 11 Sep 2023 13:28

Tgt Ion:164 Resp: 50438

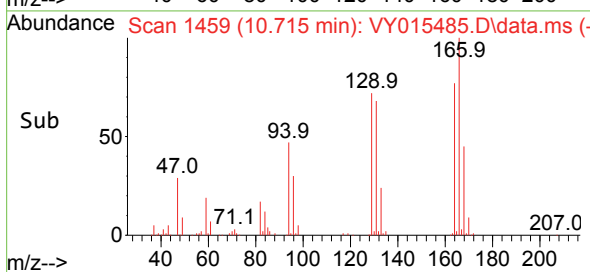
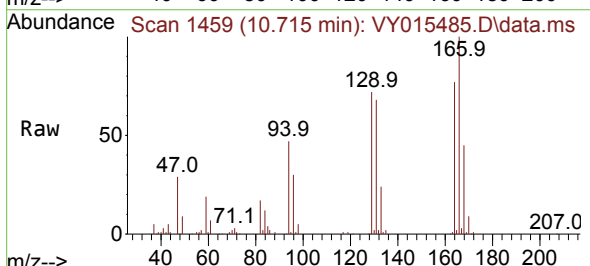
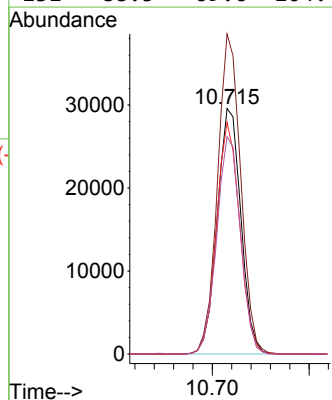
Ion Ratio Lower Upper

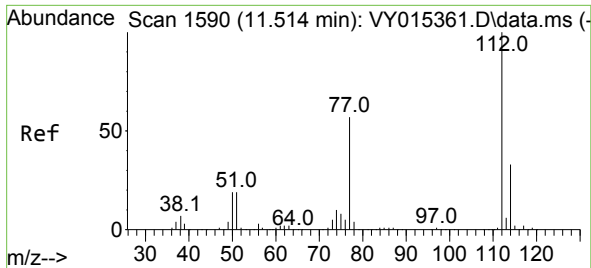
164 100

166 130.4 103.0 154.6

129 94.3 77.2 115.8

131 88.5 69.6 104.4

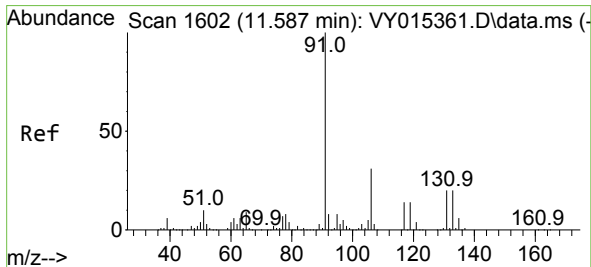
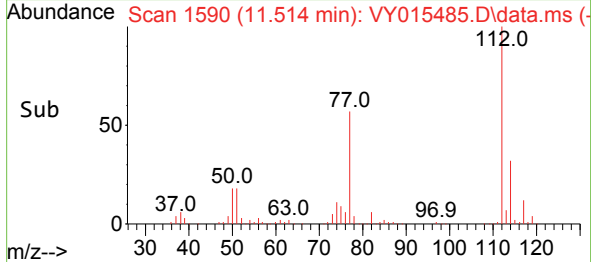
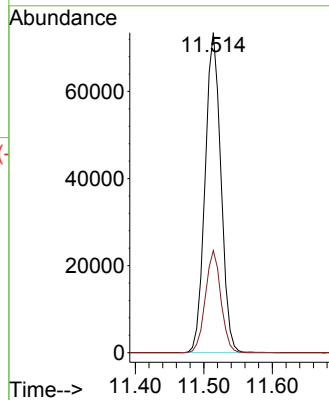
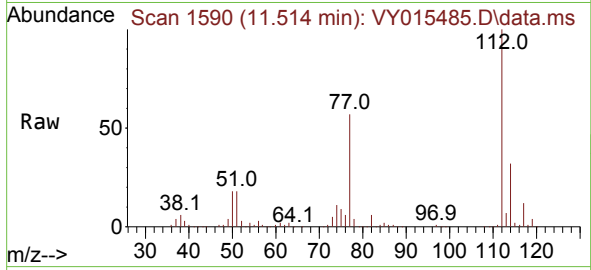




#65
Chlorobenzene
Concen: 20.236 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. 0.000 min
Lab File: VY015485.D
Acq: 11 Sep 2023 13:28

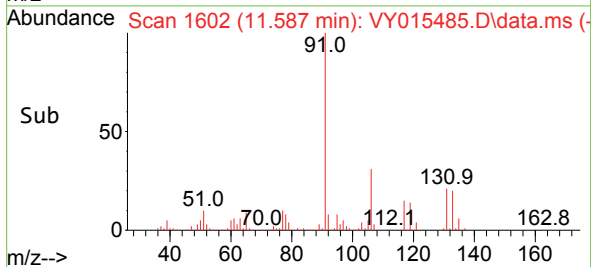
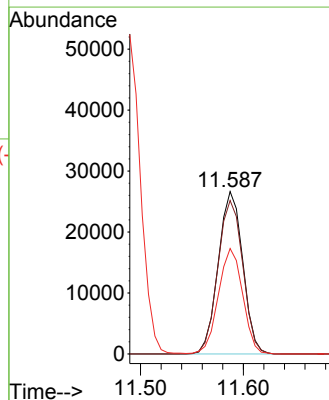
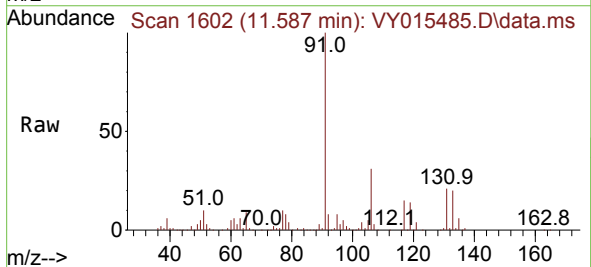
Instrument :
MSVOA_Y
ClientSampleId :

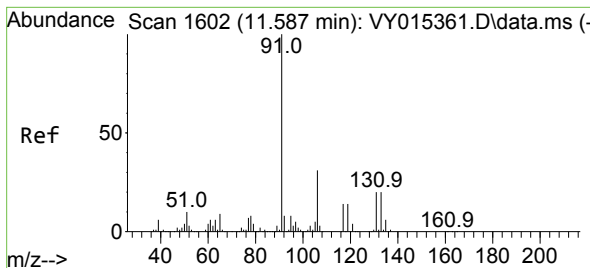
Tgt Ion:112 Resp: 117992
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.669 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY015485.D
Acq: 11 Sep 2023 13:28

Tgt Ion:131 Resp: 44110
Ion Ratio Lower Upper
131 100
133 96.2 47.5 142.6
119 64.3 31.6 94.7





#67

Ethyl Benzene

Concen: 19.908 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015485.D

Acq: 11 Sep 2023 13:28

Instrument :

MSVOA_Y

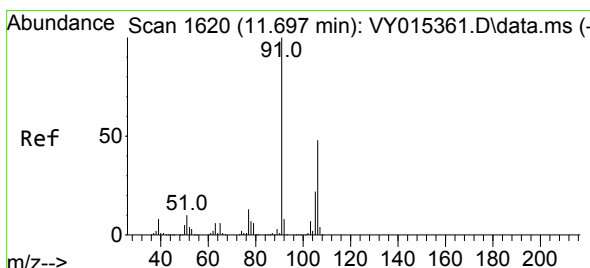
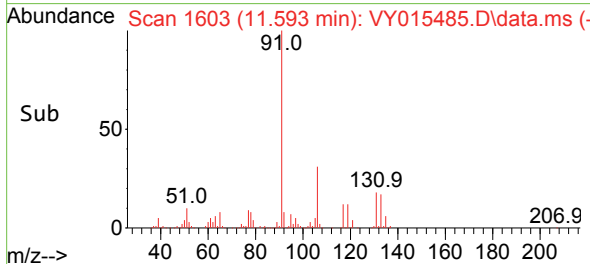
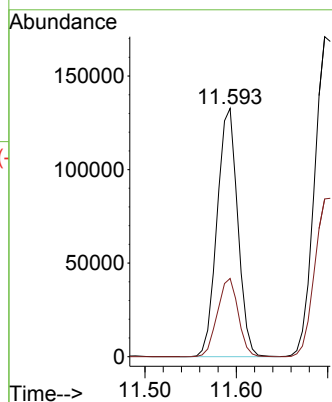
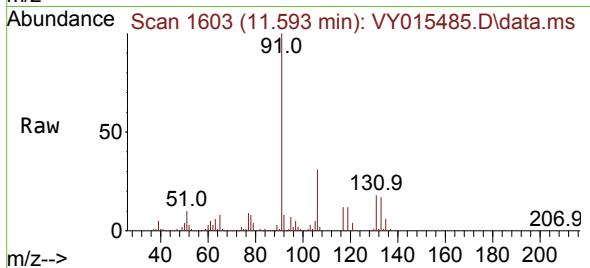
ClientSampleId :

Tgt Ion: 91 Resp: 208427

Ion Ratio Lower Upper

91 100

106 31.5 24.6 36.8



#68

m/p-Xylenes

Concen: 39.668 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY015485.D

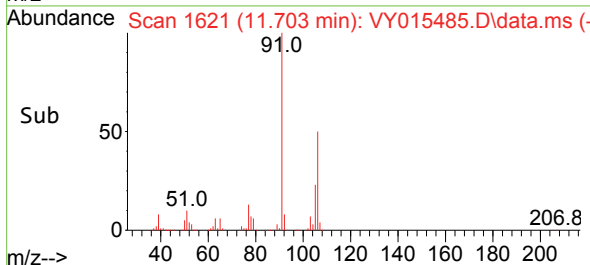
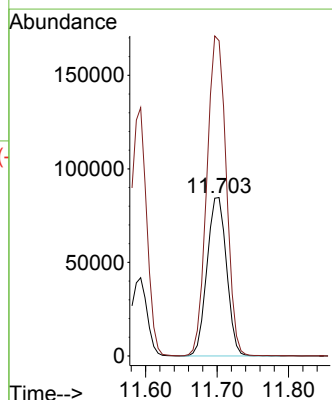
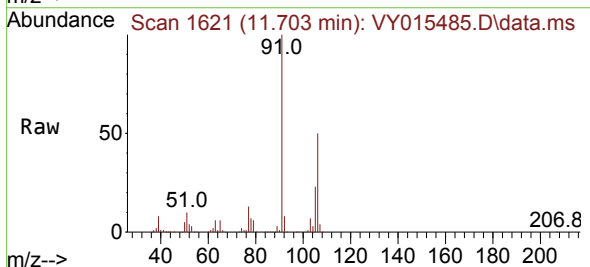
Acq: 11 Sep 2023 13:28

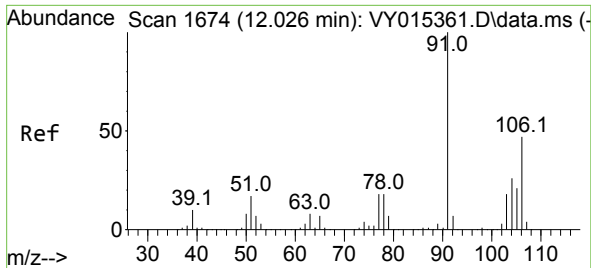
Tgt Ion:106 Resp: 160983

Ion Ratio Lower Upper

106 100

91 200.5 166.1 249.1

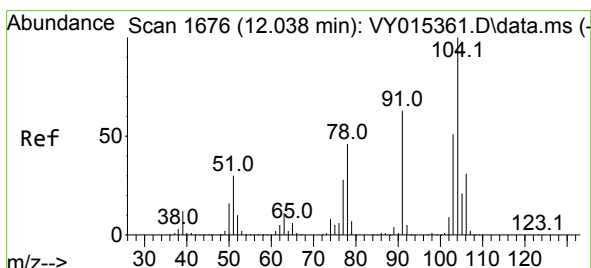
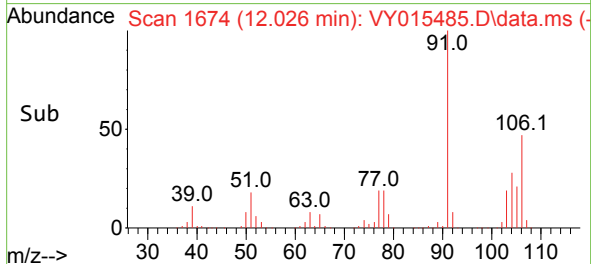
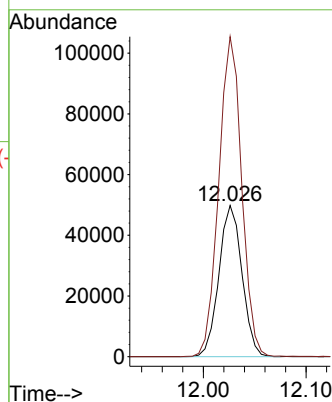
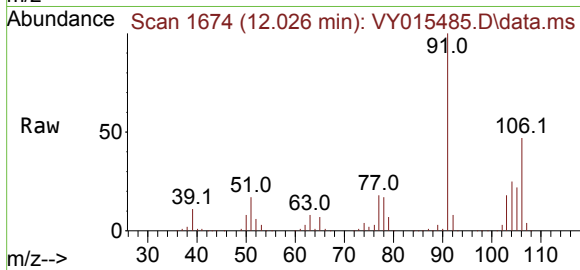




#69
o-Xylene
Concen: 20.012 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY015485.D
Acq: 11 Sep 2023 13:28

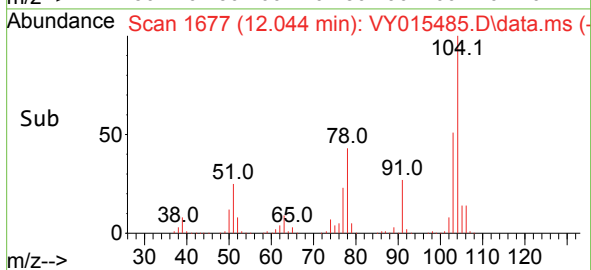
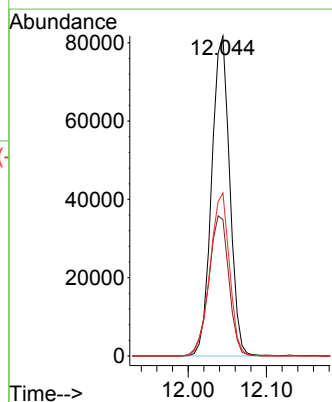
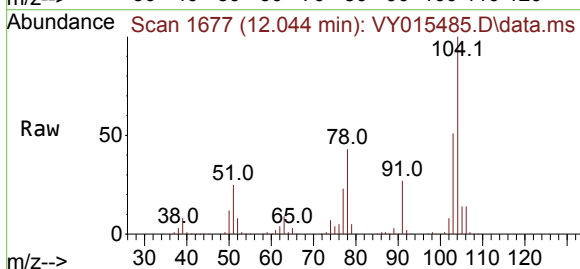
Instrument :
MSVOA_Y
ClientSampleId :

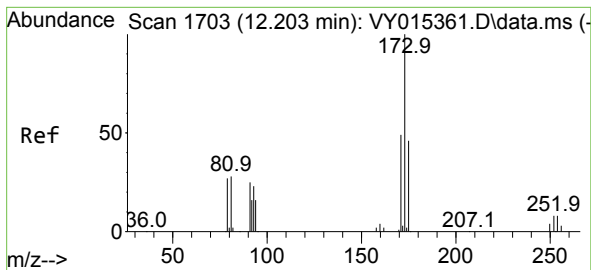
Tgt Ion:106 Resp: 77615
Ion Ratio Lower Upper
106 100
91 210.5 108.1 324.3



#70
Styrene
Concen: 20.100 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY015485.D
Acq: 11 Sep 2023 13:28

Tgt Ion:104 Resp: 131077
Ion Ratio Lower Upper
104 100
78 48.7 41.5 62.3
103 54.7 44.6 67.0





#71

Bromoform

Concen: 21.323 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY015485.D

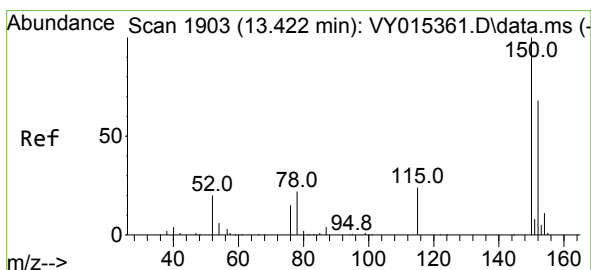
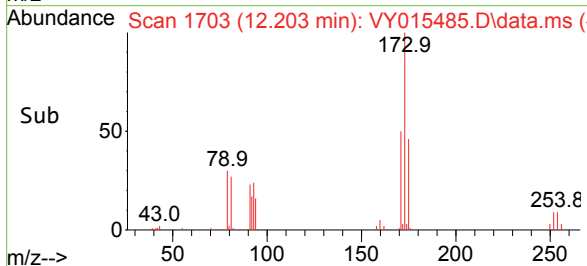
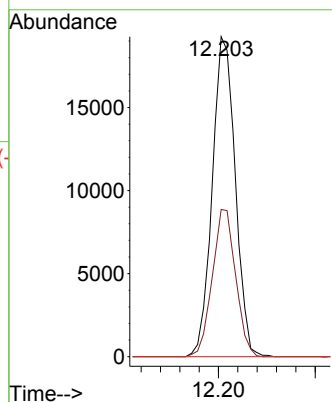
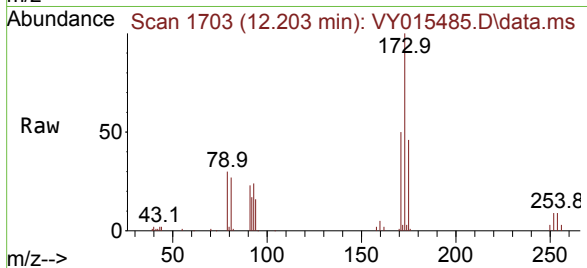
Acq: 11 Sep 2023 13:28

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	31744
Ion Ratio	Lower	Upper
173	100	
175	46.7	24.6 73.8
254	0.0	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

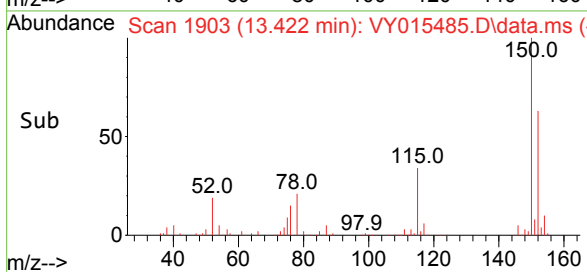
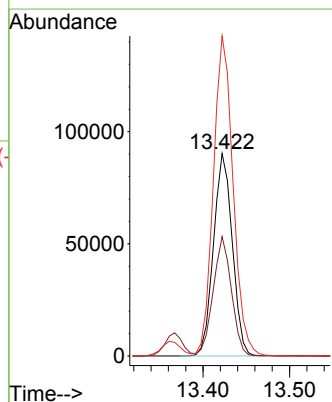
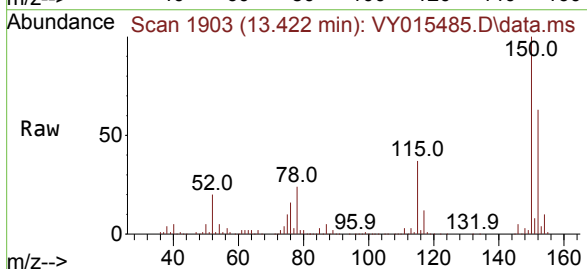
RT: 13.422 min Scan# 1903

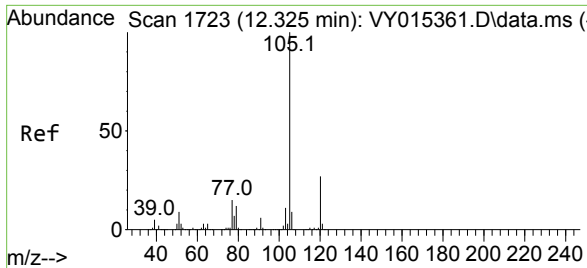
Delta R.T. 0.000 min

Lab File: VY015485.D

Acq: 11 Sep 2023 13:28

Tgt Ion:152	Resp:	136262
Ion Ratio	Lower	Upper
152	100	
115	57.1	28.8 86.5
150	165.9	0.0 348.8

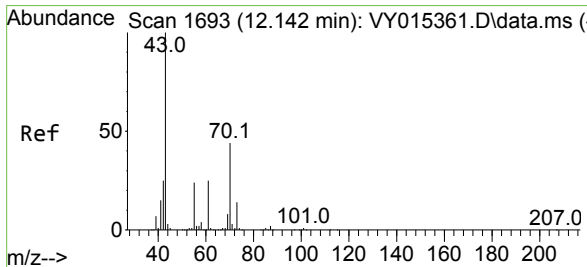
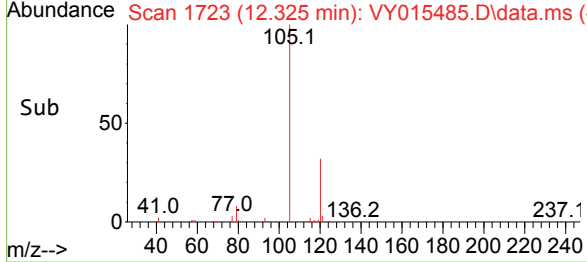
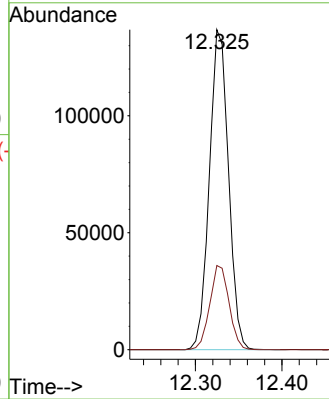
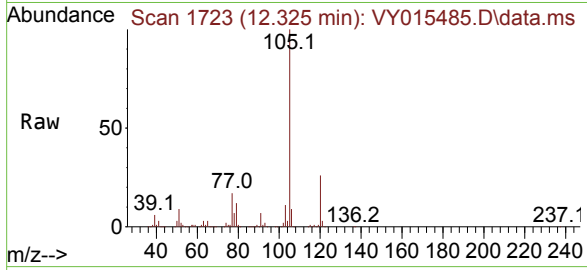




#73
Isopropylbenzene
Concen: 20.503 ug/l
RT: 12.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015485.D
Acq: 11 Sep 2023 13:28

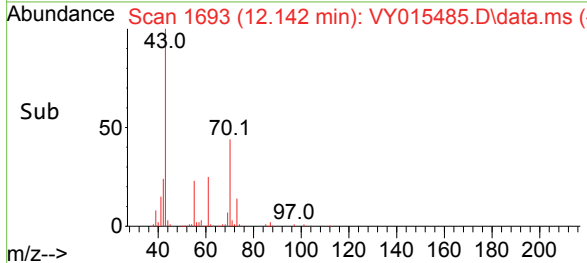
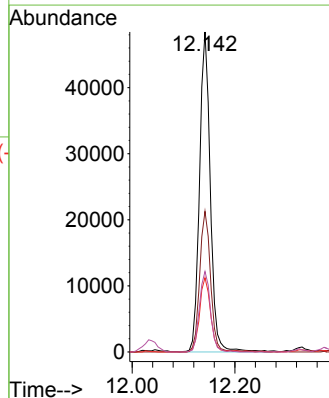
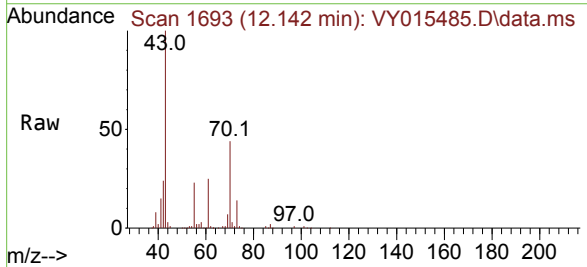
Instrument :
MSVOA_Y
ClientSampleId :

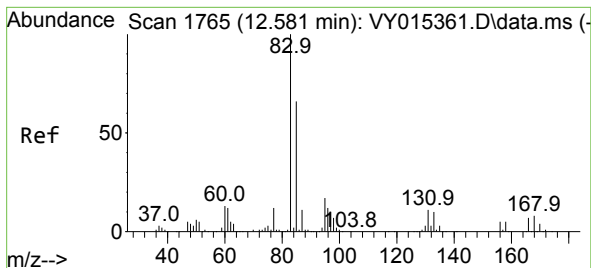
Tgt Ion:105 Resp: 209855
Ion Ratio Lower Upper
105 100
120 26.4 13.3 39.9



#74
N-ethyl acetate
Concen: 20.532 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY015485.D
Acq: 11 Sep 2023 13:28

Tgt Ion: 43 Resp: 70603
Ion Ratio Lower Upper
43 100
70 44.2 29.7 44.5
55 23.8 18.3 27.5
61 25.6 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.929 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY015485.D

Acq: 11 Sep 2023 13:28

Instrument :

MSVOA_Y

ClientSampleId :

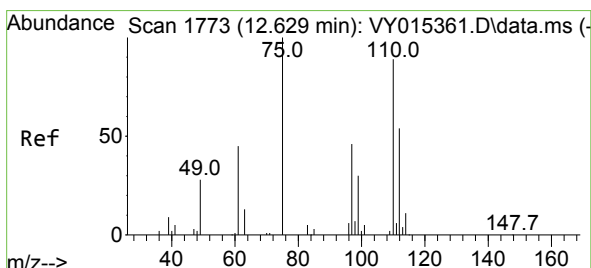
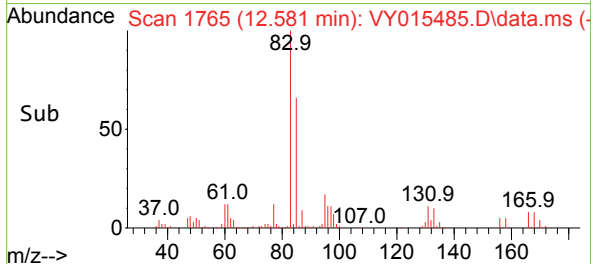
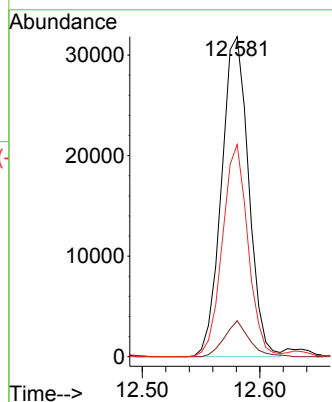
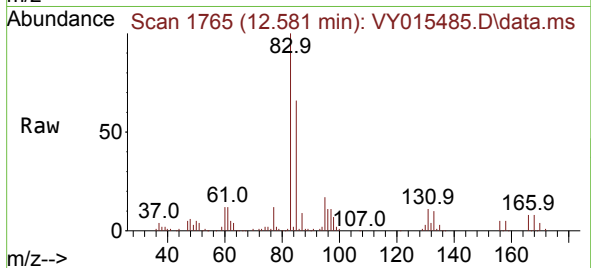
Tgt Ion: 83 Resp: 51137

Ion Ratio Lower Upper

83 100

131 10.3 5.4 16.2

85 62.5 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 38.022 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY015485.D

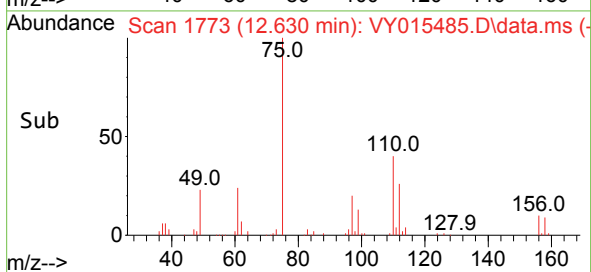
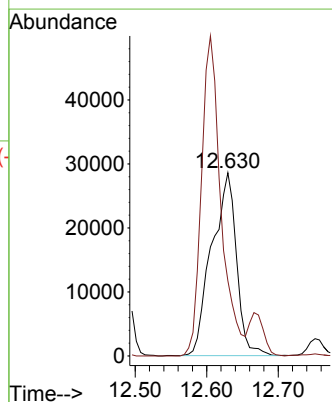
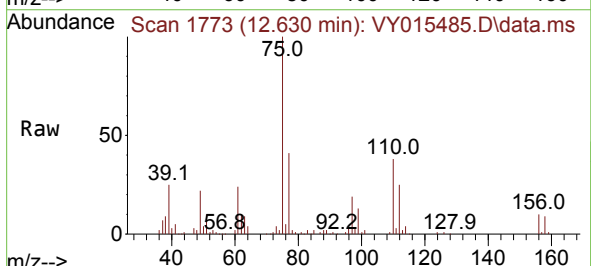
Acq: 11 Sep 2023 13:28

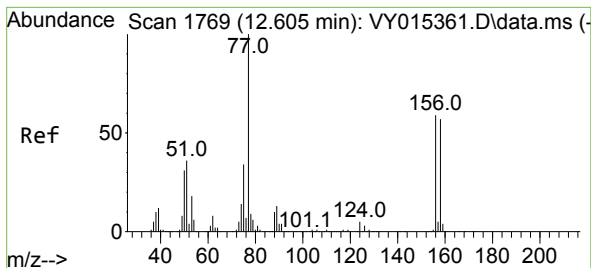
Tgt Ion: 75 Resp: 68705

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.368 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY015485.D

Acq: 11 Sep 2023 13:28

Instrument :

MSVOA_Y

ClientSampleId :

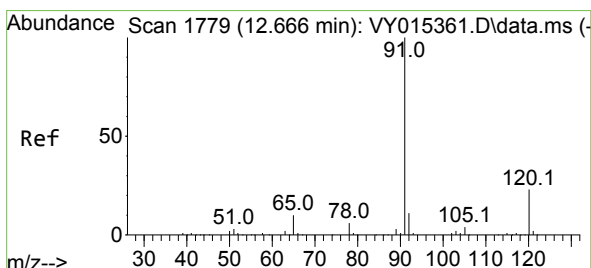
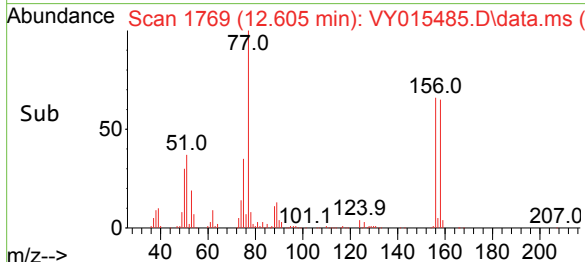
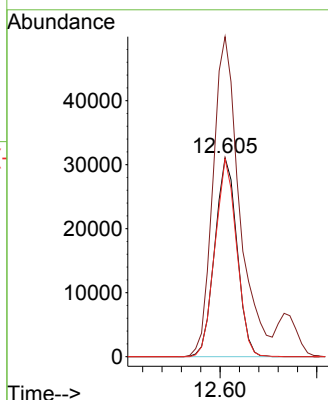
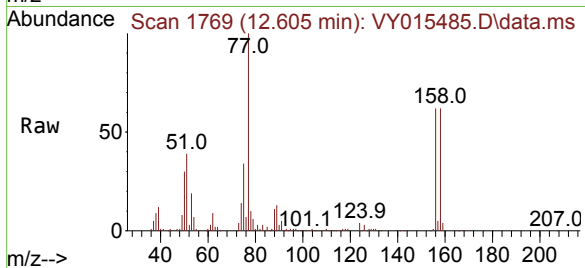
Tgt Ion:156 Resp: 49374

Ion Ratio Lower Upper

156 100

77 192.7 92.8 278.6

158 97.4 48.4 145.3



#78

n-propylbenzene

Concen: 20.162 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY015485.D

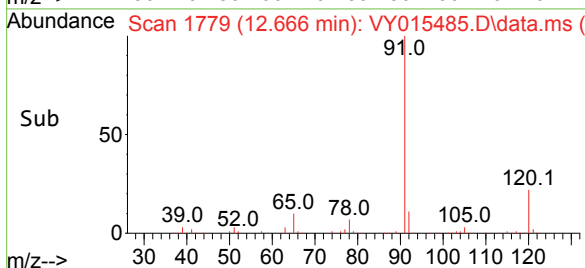
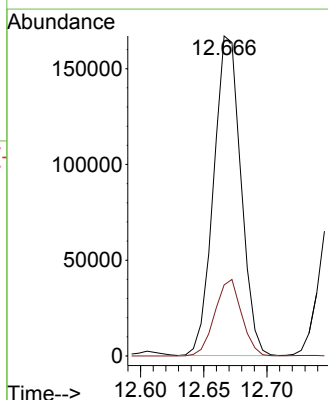
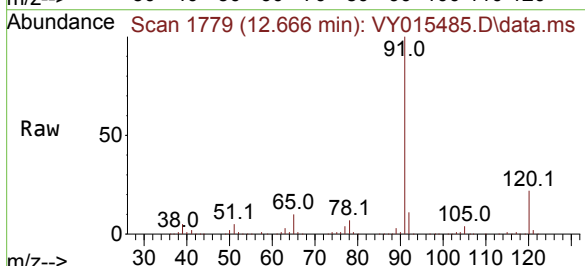
Acq: 11 Sep 2023 13:28

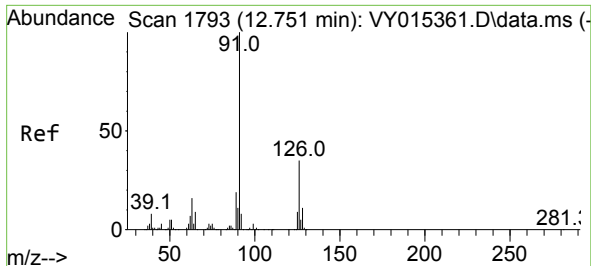
Tgt Ion: 91 Resp: 249697

Ion Ratio Lower Upper

91 100

120 23.6 11.5 34.4

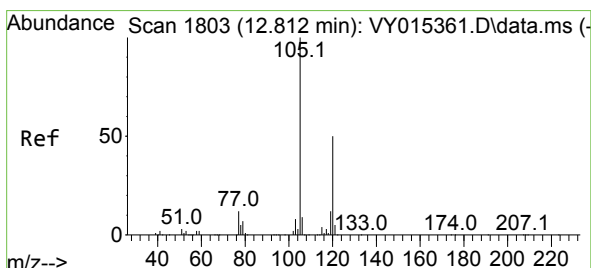
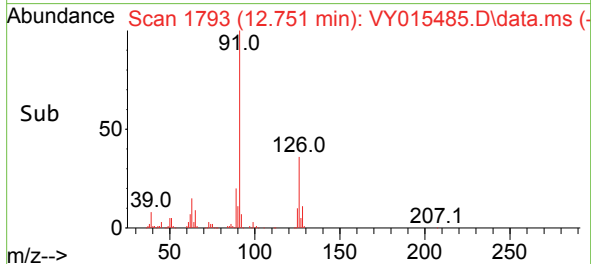
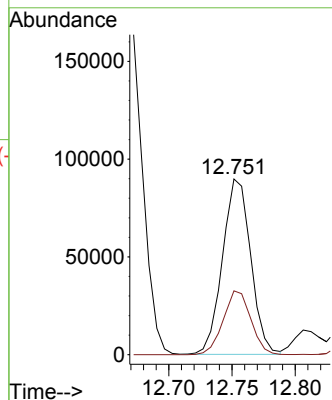
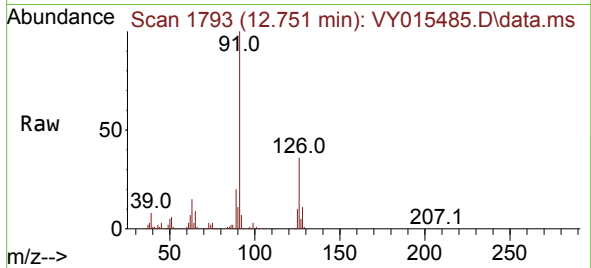




#79
2-Chlorotoluene
Concen: 20.085 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY015485.D
Acq: 11 Sep 2023 13:28

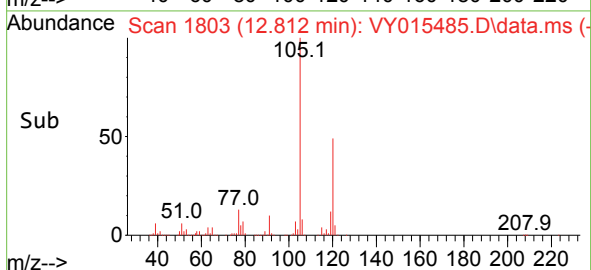
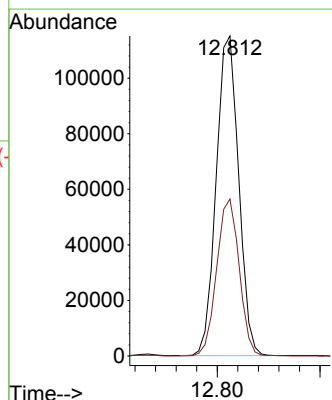
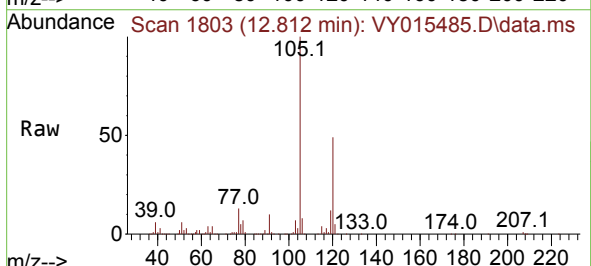
Instrument :
MSVOA_Y
ClientSampleId :

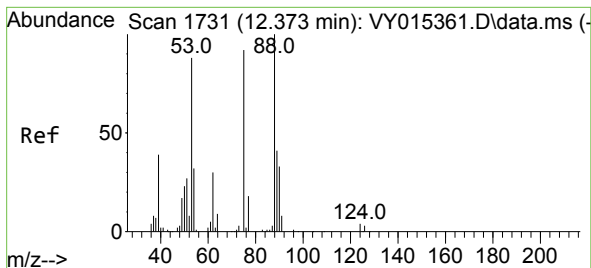
Tgt Ion: 91 Resp: 139517
Ion Ratio Lower Upper
91 100
126 35.6 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 20.367 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015485.D
Acq: 11 Sep 2023 13:28

Tgt Ion: 105 Resp: 174363
Ion Ratio Lower Upper
105 100
120 49.2 23.9 71.7

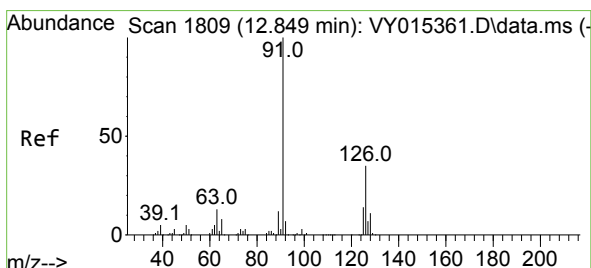
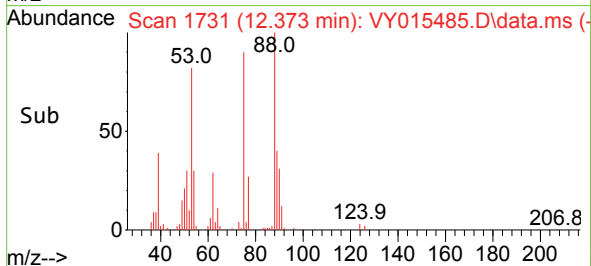
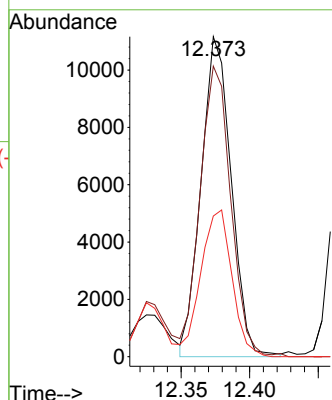
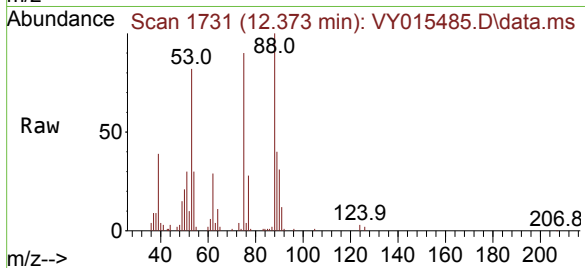




#81
trans-1,4-Dichloro-2-butene
Concen: 20.818 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY015485.D
Acq: 11 Sep 2023 13:28

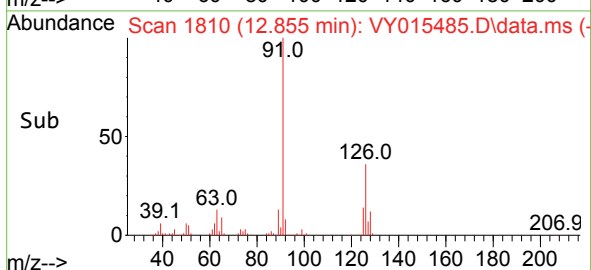
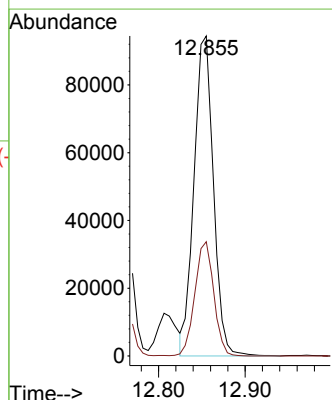
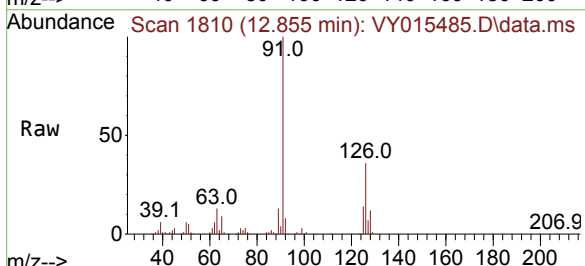
Instrument :
MSVOA_Y
ClientSampleId :

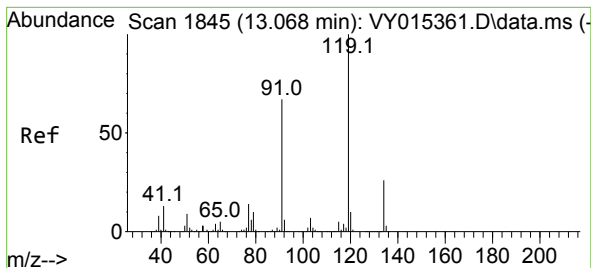
Tgt Ion: 75 Resp: 17053
Ion Ratio Lower Upper
75 100
53 92.5 77.8 116.8
89 47.3 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.379 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY015485.D
Acq: 11 Sep 2023 13:28

Tgt Ion: 91 Resp: 147122
Ion Ratio Lower Upper
91 100
126 34.8 17.2 51.6





#83

tert-Butylbenzene

Concen: 20.828 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY015485.D

Acq: 11 Sep 2023 13:28

Instrument :

MSVOA_Y

ClientSampleId :

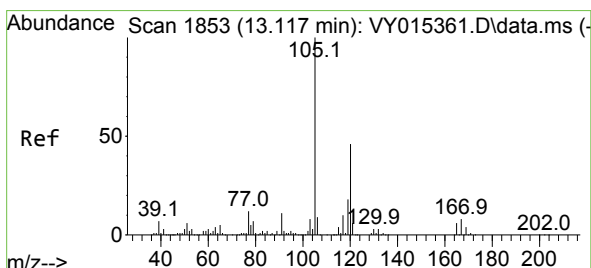
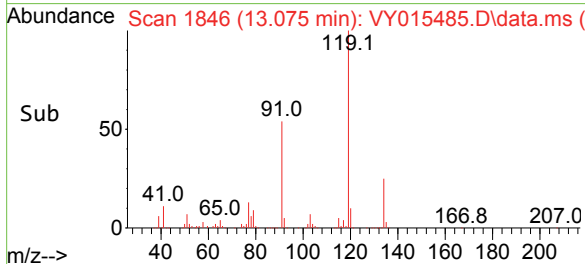
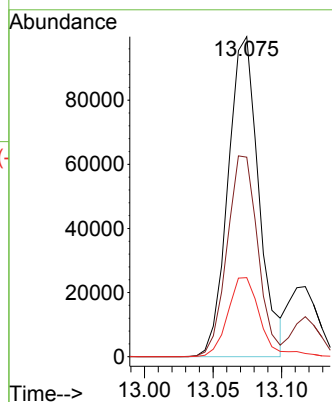
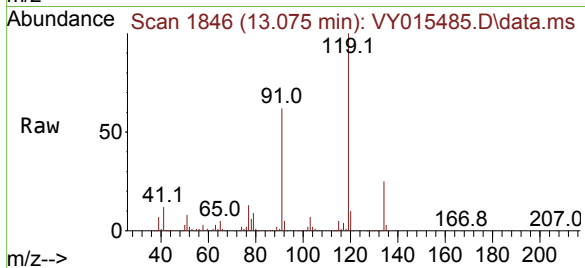
Tgt Ion:119 Resp: 156175

Ion Ratio Lower Upper

119 100

91 62.9 32.9 98.6

134 26.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.531 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY015485.D

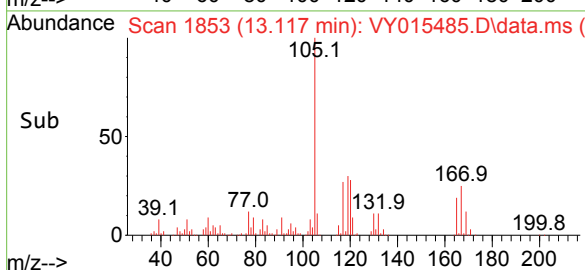
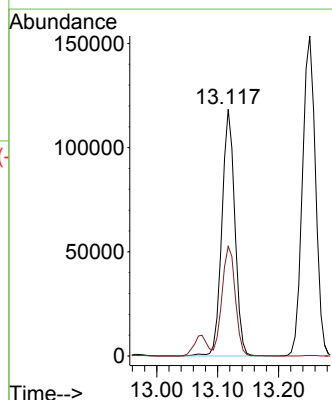
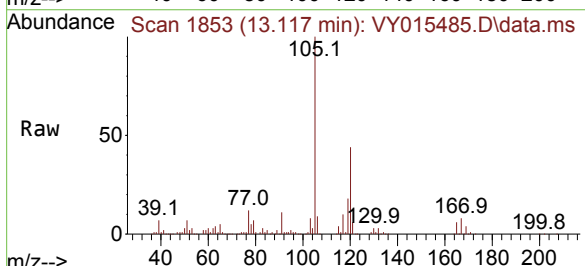
Acq: 11 Sep 2023 13:28

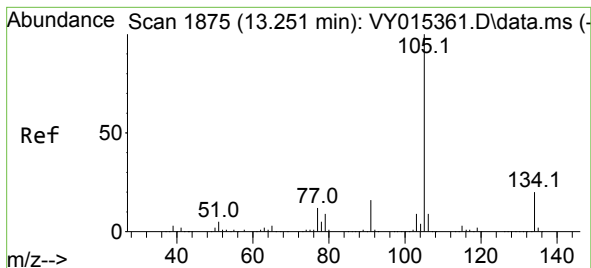
Tgt Ion:105 Resp: 174513

Ion Ratio Lower Upper

105 100

120 45.3 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.452 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015485.D

Acq: 11 Sep 2023 13:28

Instrument :

MSVOA_Y

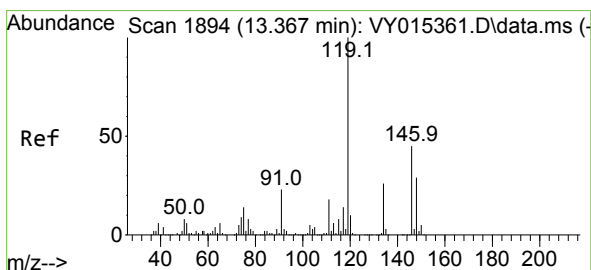
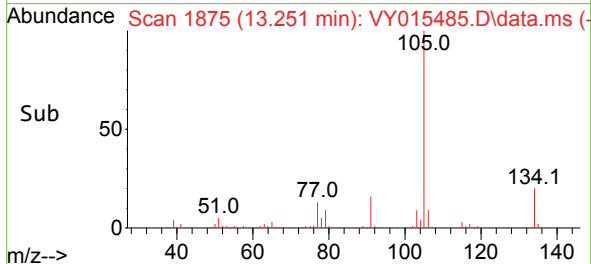
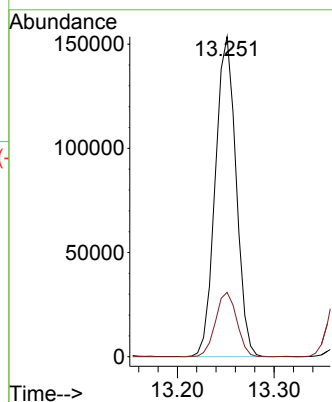
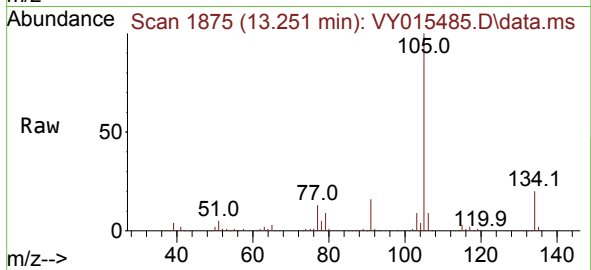
ClientSampleId :

Tgt Ion:105 Resp: 228731

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.618 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015485.D

Acq: 11 Sep 2023 13:28

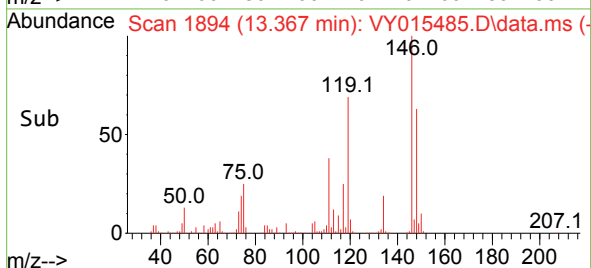
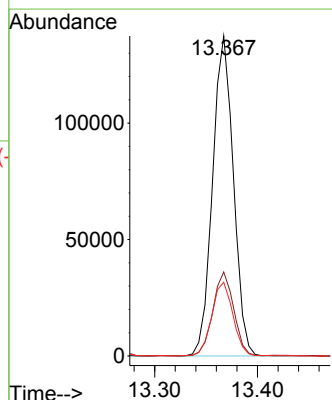
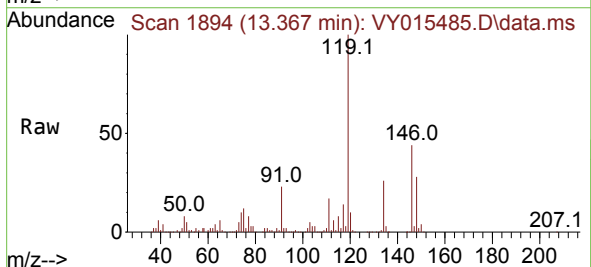
Tgt Ion:119 Resp: 193265

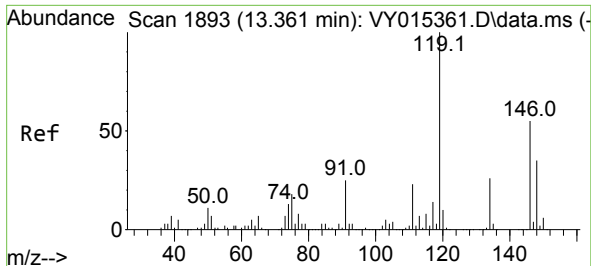
Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

91 23.2 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 20.909 ug/l

RT: 13.361 min Scan# 11

Delta R.T. 0.000 min

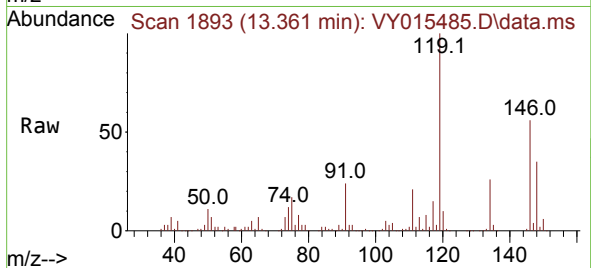
Lab File: VY015485.D

Acq: 11 Sep 2023 13:28

Instrument :

MSVOA_Y

ClientSampleId :



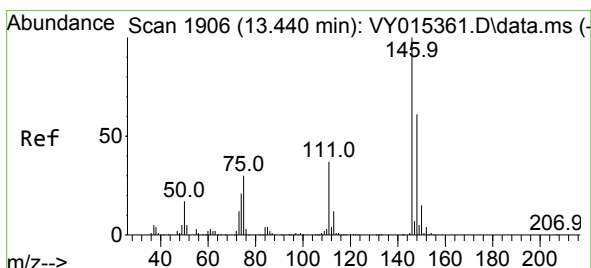
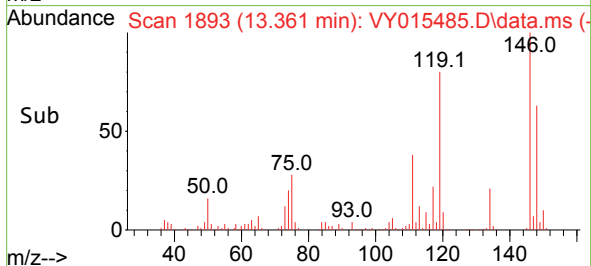
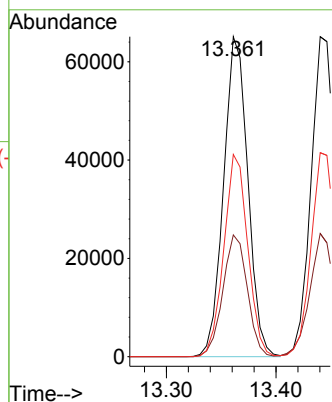
Tgt Ion:146 Resp: 100066

Ion Ratio Lower Upper

146 100

111 38.4 19.4 58.2

148 62.4 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 21.070 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY015485.D

Acq: 11 Sep 2023 13:28

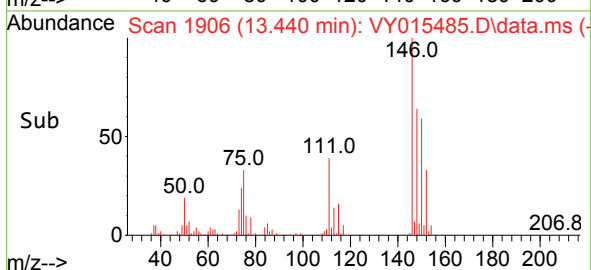
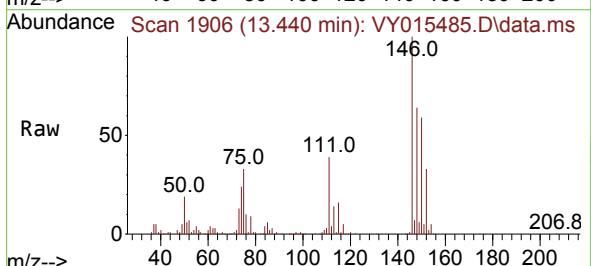
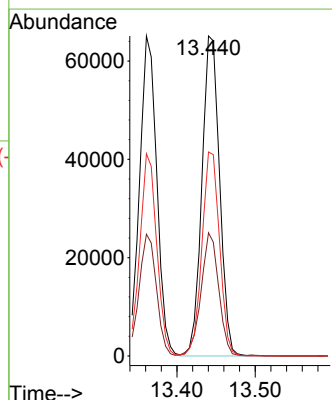
Tgt Ion:146 Resp: 101931

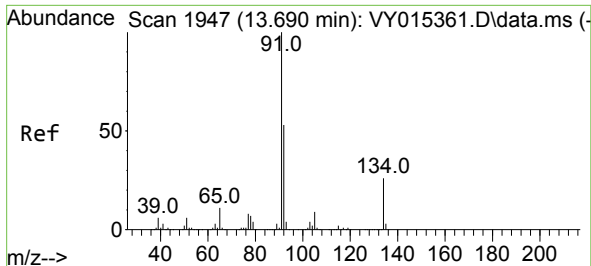
Ion Ratio Lower Upper

146 100

111 38.3 18.9 56.7

148 63.4 32.1 96.5

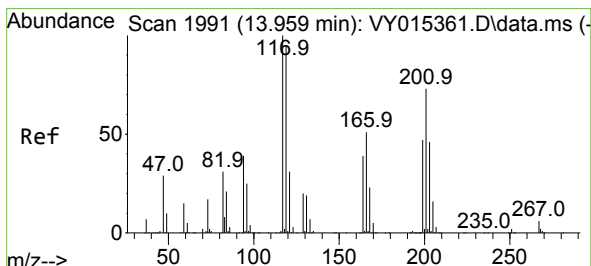
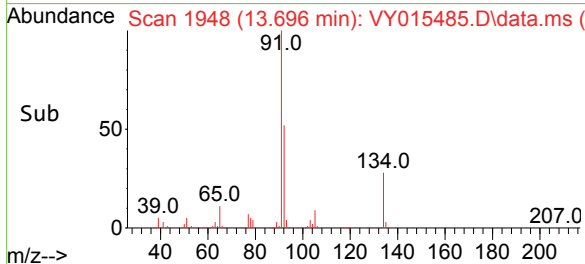
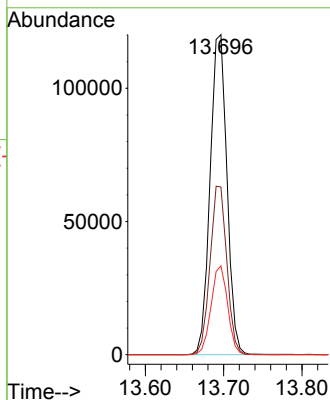
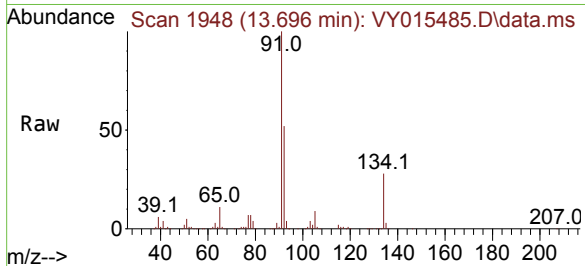




#89
n-Butylbenzene
Concen: 20.343 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY015485.D
Acq: 11 Sep 2023 13:28

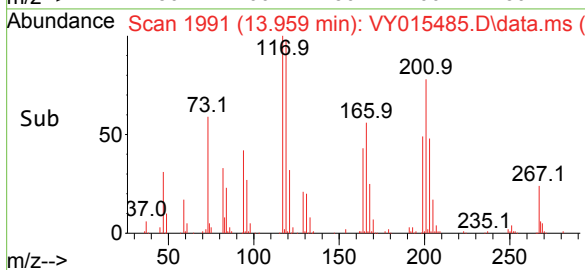
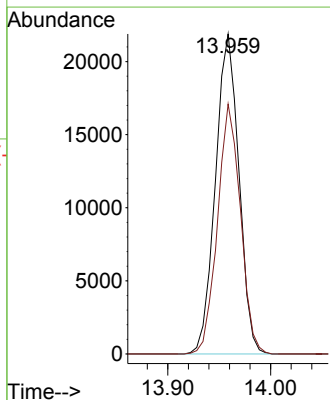
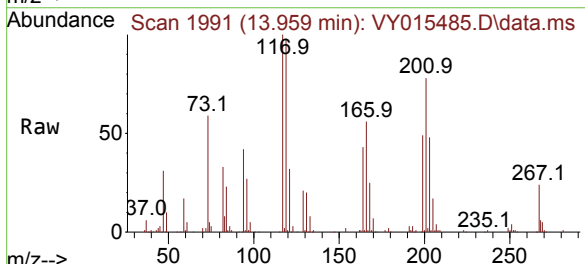
Instrument :
MSVOA_Y
ClientSampleId :

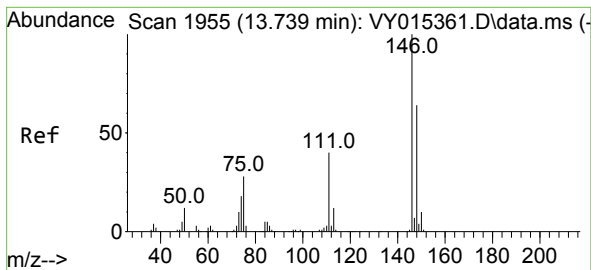
Tgt Ion: 91 Resp: 179478
Ion Ratio Lower Upper
91 100
92 52.4 25.4 76.0
134 27.3 12.6 37.6



#90
Hexachloroethane
Concen: 20.669 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY015485.D
Acq: 11 Sep 2023 13:28

Tgt Ion: 117 Resp: 34650
Ion Ratio Lower Upper
117 100
201 76.4 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 20.629 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY015485.D

Acq: 11 Sep 2023 13:28

Instrument :

MSVOA_Y

ClientSampleId :

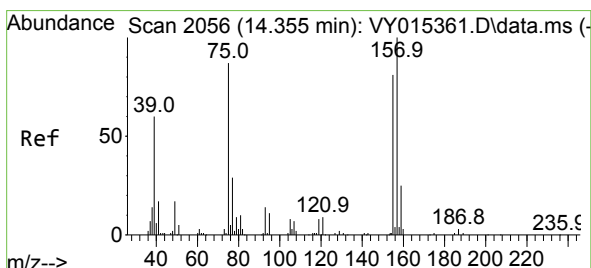
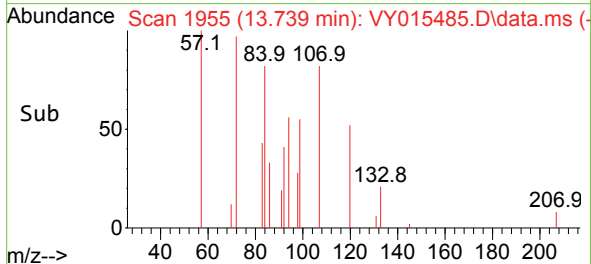
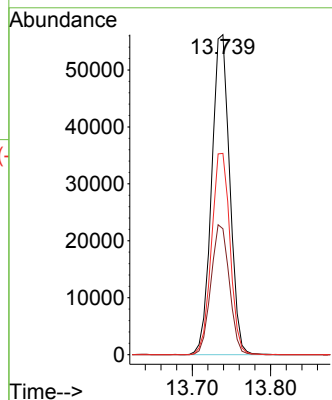
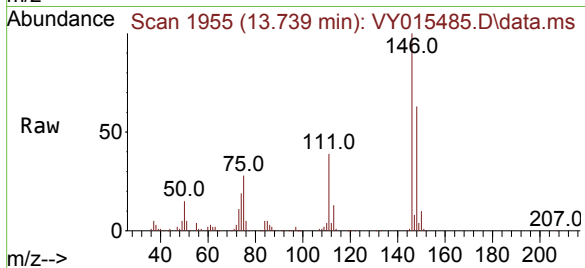
Tgt Ion:146 Resp: 90093

Ion Ratio Lower Upper

146 100

111 41.3 19.7 59.0

148 64.3 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.762 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY015485.D

Acq: 11 Sep 2023 13:28

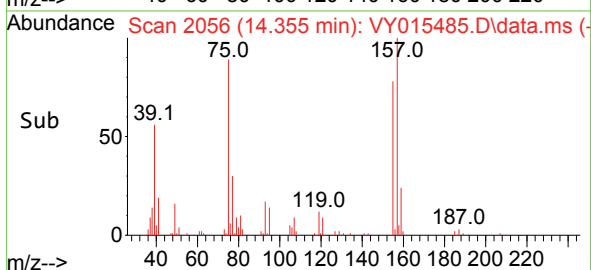
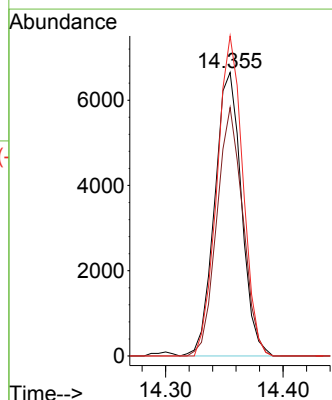
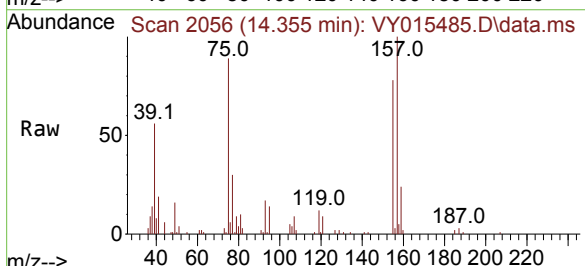
Tgt Ion: 75 Resp: 10518

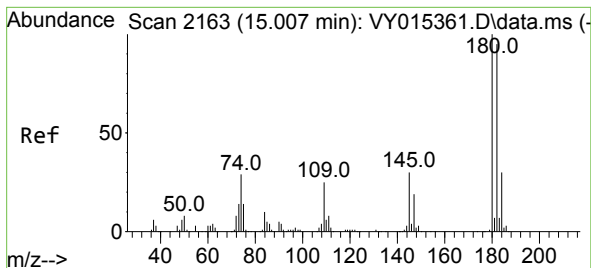
Ion Ratio Lower Upper

75 100

155 85.4 41.5 124.6

157 109.3 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 21.445 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. 0.000 min

Lab File: VY015485.D

Acq: 11 Sep 2023 13:28

Instrument :

MSVOA_Y

ClientSampleId :

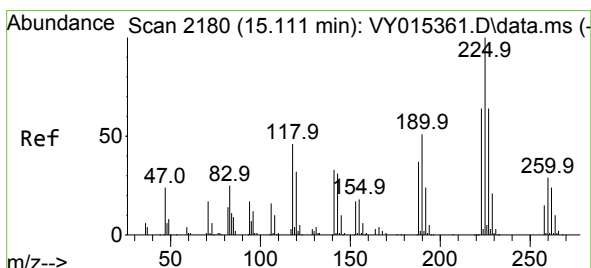
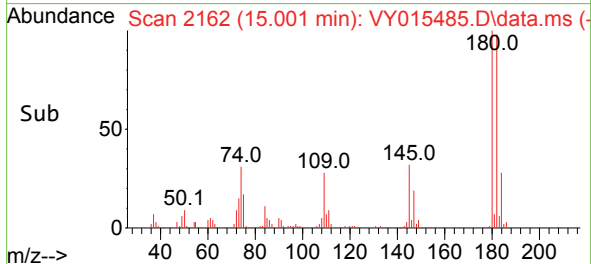
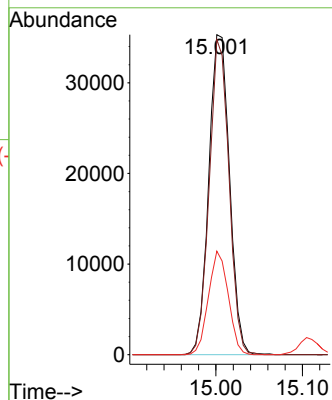
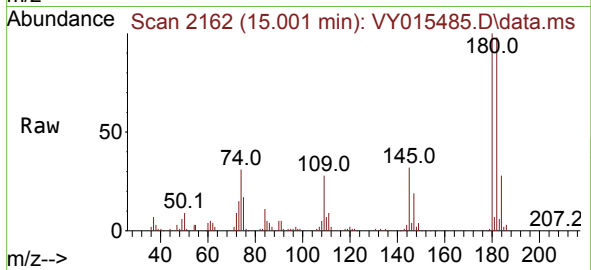
Tgt Ion:180 Resp: 58818

Ion Ratio Lower Upper

180 100

182 93.6 47.0 141.2

145 30.9 14.5 43.5



#94

Hexachlorobutadiene

Concen: 21.327 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY015485.D

Acq: 11 Sep 2023 13:28

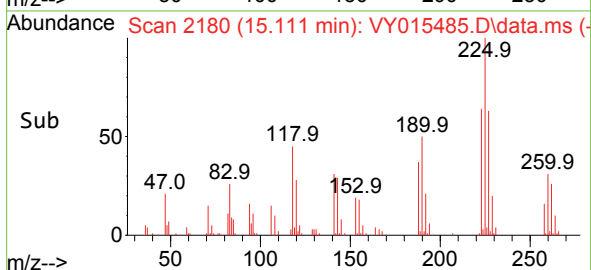
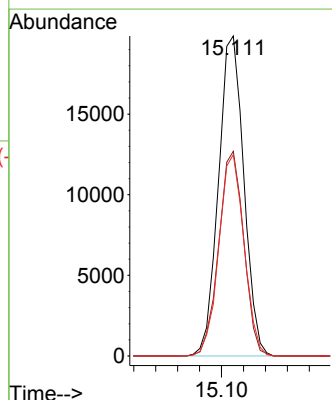
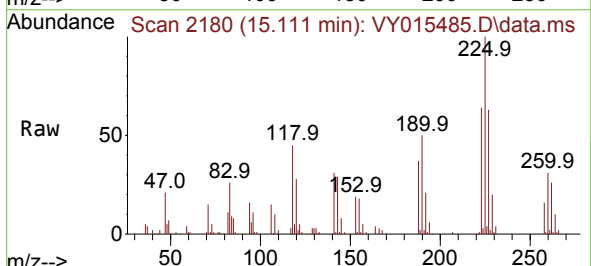
Tgt Ion:225 Resp: 31896

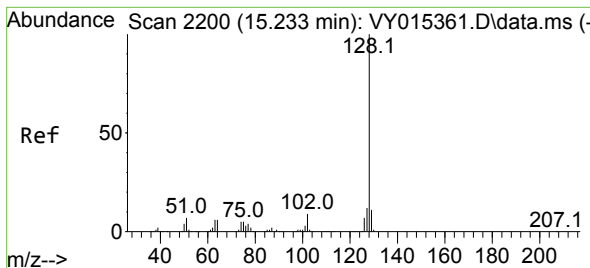
Ion Ratio Lower Upper

225 100

223 63.0 31.9 95.9

227 62.3 33.0 98.9





#95

Naphthalene

Concen: 21.343 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

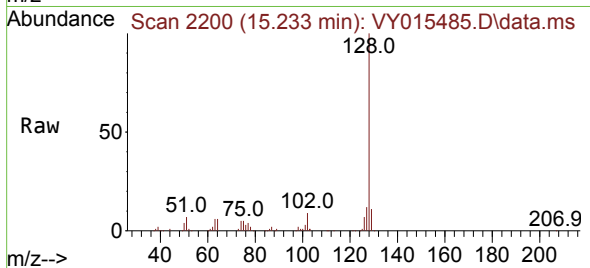
Lab File: VY015485.D

Acq: 11 Sep 2023 13:28

Instrument :

MSVOA_Y

ClientSampleId :



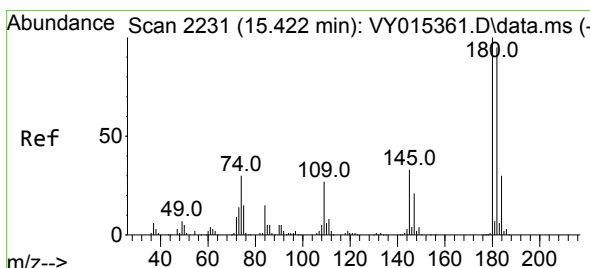
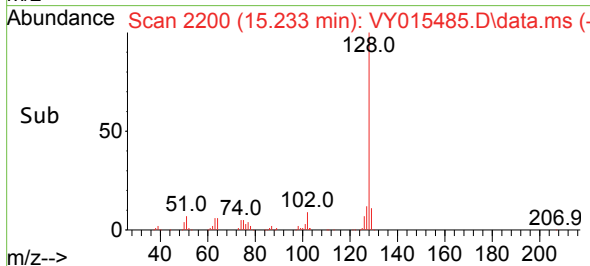
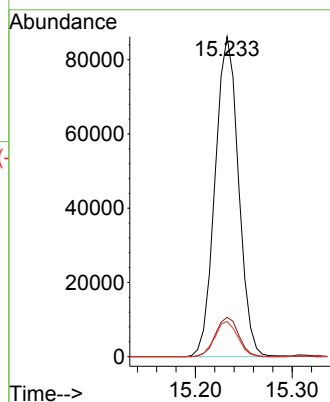
Tgt Ion:128 Resp: 145010

Ion Ratio Lower Upper

128 100

127 12.2 10.8 16.2

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.337 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY015485.D

Acq: 11 Sep 2023 13:28

Tgt Ion:180 Resp: 53380

Ion Ratio Lower Upper

180 100

182 95.1 47.3 141.8

145 32.4 15.4 46.2

