

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015585.D
 Acq On : 15 Sep 2023 22:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 15 23:20:50 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	7.795	168	168774	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	286466	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	266093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	136873	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	88780	49.071	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.140%
35) Dibromofluoromethane	7.728	113	80929	49.048	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.100%
50) Toluene-d8	10.185	98	265664	44.461	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.920%
62) 4-Bromofluorobenzene	12.489	95	105414	47.522	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.040%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	65142	44.402	ug/l	100
3) Chloromethane	2.113	50	86229	44.257	ug/l	98
4) Vinyl Chloride	2.253	62	98354	43.369	ug/l	95
5) Bromomethane	2.650	94	70779	43.863	ug/l	99
6) Chloroethane	2.790	64	70630	47.382	ug/l	99
7) Trichlorofluoromethane	3.125	101	149221	46.517	ug/l	100
8) Diethyl Ether	3.534	74	62578	57.081	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.899	101	90205	50.735	ug/l	95
10) Methyl Iodide	4.095	142	105272	50.419	ug/l	97
11) Tert butyl alcohol	4.997	59	98859	247.827	ug/l #	83
12) 1,1-Dichloroethene	3.875	96	82609	49.239	ug/l	92
13) Acrolein	3.741	56	119096	237.553	ug/l	99
14) Allyl chloride	4.485	41	145003	54.283	ug/l	94
15) Acrylonitrile	5.174	53	219473	318.147	ug/l	99
16) Acetone	3.967	43	219427	290.568	ug/l	91
17) Carbon Disulfide	4.198	76	199136	39.703	ug/l	99
18) Methyl Acetate	4.491	43	196099	71.694	ug/l	94
19) Methyl tert-butyl Ether	5.235	73	317460	58.219	ug/l	98
20) Methylene Chloride	4.723	84	158902	69.271	ug/l	93
21) trans-1,2-Dichloroethene	5.229	96	97667	50.554	ug/l	96
22) Diisopropyl ether	6.131	45	343855	58.858	ug/l	93
23) Vinyl Acetate	6.070	43	995645	269.924	ug/l	96
24) 1,1-Dichloroethane	6.027	63	185919	55.051	ug/l	97
25) 2-Butanone	6.996	43	329289	307.438	ug/l	96
26) 2,2-Dichloropropane	6.990	77	140928	49.131	ug/l	97
27) cis-1,2-Dichloroethene	6.996	96	120103	54.799	ug/l	93
28) Bromochloromethane	7.344	49	57522	55.542	ug/l	100
29) Tetrahydrofuran	7.362	42	213551	317.497	ug/l	94
30) Chloroform	7.515	83	196705	55.407	ug/l	95
31) Cyclohexane	7.795	56	142474	44.332	ug/l	95
32) 1,1,1-Trichloroethane	7.710	97	168244	53.056	ug/l	99
36) 1,1-Dichloropropene	7.923	75	138252	47.719	ug/l	99
37) Ethyl Acetate	7.088	43	133038	59.539	ug/l	96
38) Carbon Tetrachloride	7.905	117	144578	48.317	ug/l	98
39) Methylcyclohexane	9.191	83	161748	44.346	ug/l	94
40) Benzene	8.167	78	413693	51.180	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.362	41	188180	179.591	ug/l	# 29
42) 1,2-Dichloroethane	8.240	62	140848	52.256	ug/l	95
43) Isopropyl Acetate	8.283	43	224869	58.198	ug/l	97
44) Trichloroethene	8.947	130	117148	51.224	ug/l	95
45) 1,2-Dichloropropane	9.222	63	112257	55.091	ug/l	96
46) Dibromomethane	9.313	93	72366	53.464	ug/l	96
47) Bromodichloromethane	9.502	83	159074	54.956	ug/l	98
48) Methyl methacrylate	9.301	41	102389	57.756	ug/l	91
49) 1,4-Dioxane	9.319	88	30528	1214.254	ug/l	# 49
51) 4-Methyl-2-Pentanone	10.075	43	707600	315.082	ug/l	94
52) Toluene	10.252	92	266183	51.379	ug/l	95
53) t-1,3-Dichloropropene	10.471	75	166766	54.211	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	180532	53.949	ug/l	92
55) 1,1,2-Trichloroethane	10.648	97	104020	57.036	ug/l	98
56) Ethyl methacrylate	10.514	69	160459	59.371	ug/l	# 89
57) 1,3-Dichloropropane	10.795	76	175458	55.889	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	234063	242.636	ug/l	96
59) 2-Hexanone	10.837	43	535670	317.885	ug/l	92
60) Dibromochloromethane	10.990	129	121202	56.779	ug/l	99
61) 1,2-Dibromoethane	11.093	107	104792	56.706	ug/l	99
64) Tetrachloroethene	10.728	164	133866	55.426	ug/l	98
65) Chlorobenzene	11.520	112	293823	51.243	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	115026	54.808	ug/l	99
67) Ethyl Benzene	11.599	91	525975	51.085	ug/l	99
68) m/p-Xylenes	11.709	106	403983	101.225	ug/l	96
69) o-Xylene	12.032	106	197734	51.843	ug/l	98
70) Styrene	12.050	104	341817	53.299	ug/l	97
71) Bromoform	12.215	173	85429	58.353	ug/l	# 98
73) Isopropylbenzene	12.337	105	519062	50.488	ug/l	100
74) N-amyl acetate	12.148	43	199527	57.766	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.587	83	139811	56.967	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	186302	102.641	ug/l	# 100
77) Bromobenzene	12.611	156	126134	51.800	ug/l	93
78) n-propylbenzene	12.678	91	628007	50.482	ug/l	100
79) 2-Chlorotoluene	12.764	91	356782	51.133	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	435072	50.594	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	46161	56.100	ug/l	96
82) 4-Chlorotoluene	12.861	91	373159	51.458	ug/l	99
83) tert-Butylbenzene	13.081	119	377584	50.131	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	437001	51.182	ug/l	99
85) sec-Butylbenzene	13.258	105	570640	50.795	ug/l	99
86) p-Isopropyltoluene	13.373	119	476480	50.605	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	246905	51.362	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	248038	51.044	ug/l	99
89) n-Butylbenzene	13.703	91	442172	49.895	ug/l	97
90) Hexachloroethane	13.965	117	90671	53.844	ug/l	89
91) 1,2-Dichlorobenzene	13.745	146	231423	52.752	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	28974	59.679	ug/l	92
93) 1,2,4-Trichlorobenzene	15.013	180	144309	52.380	ug/l	98
94) Hexachlorobutadiene	15.117	225	73708	49.063	ug/l	99
95) Naphthalene	15.239	128	404325	59.245	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	136922	54.486	ug/l	99

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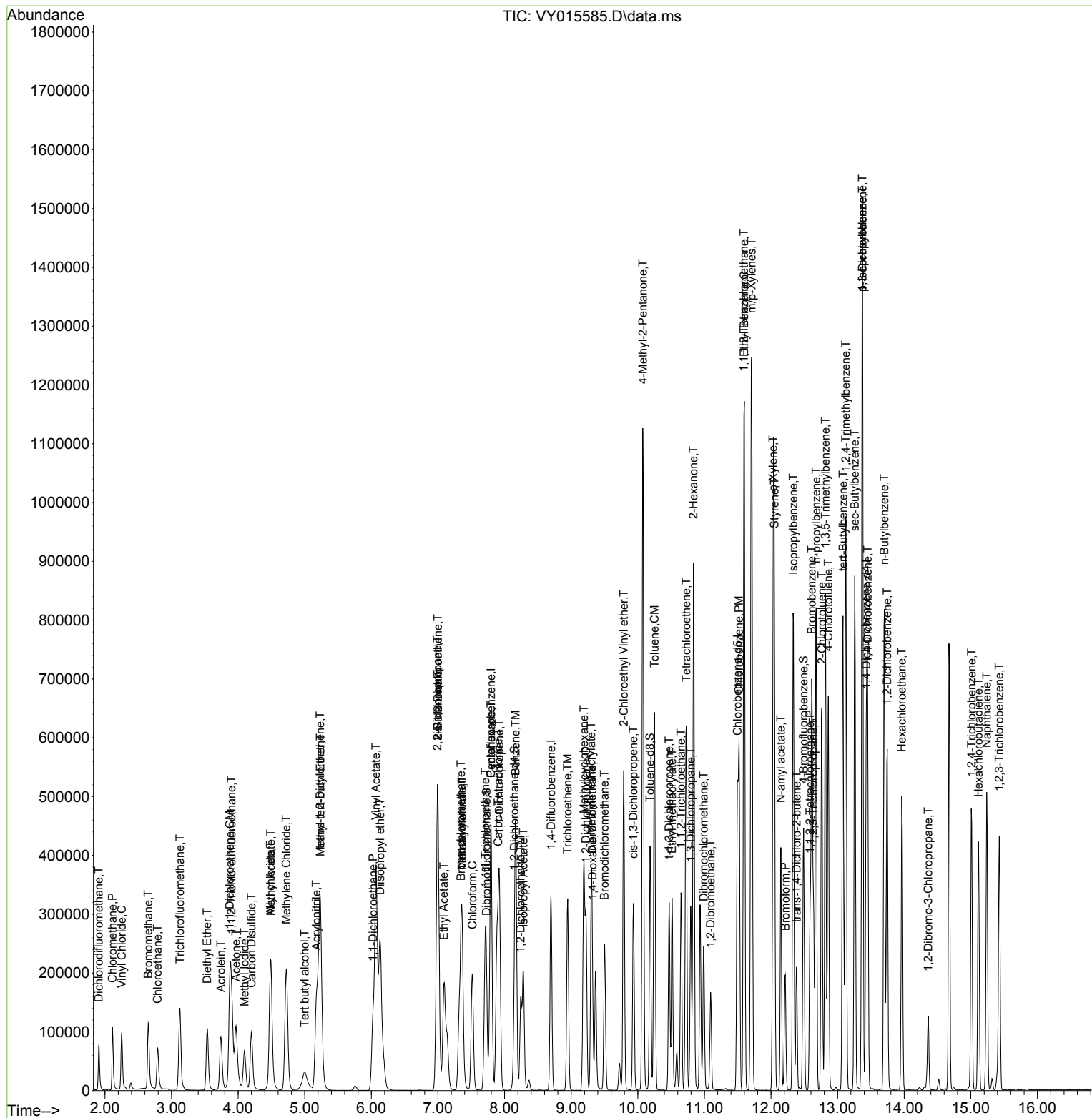
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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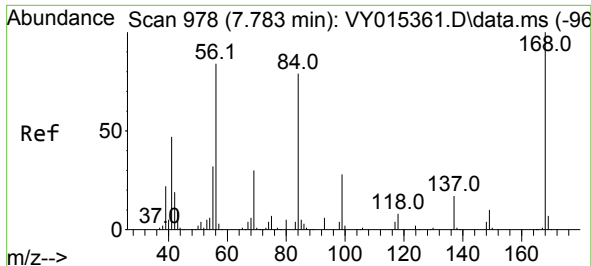
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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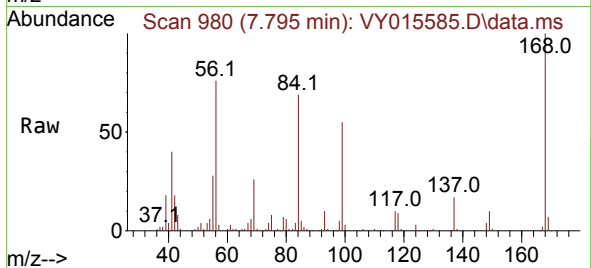
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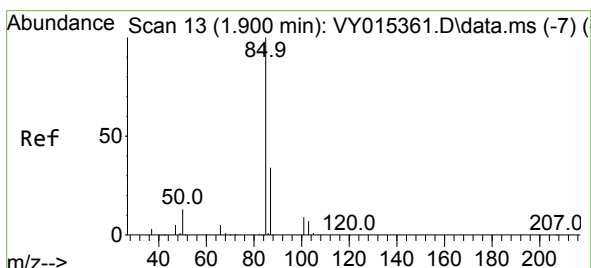
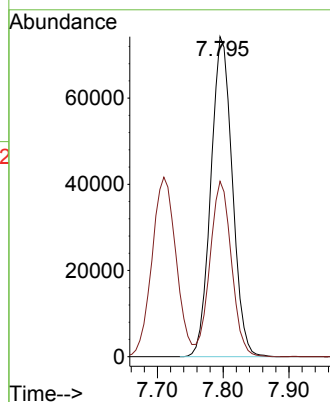
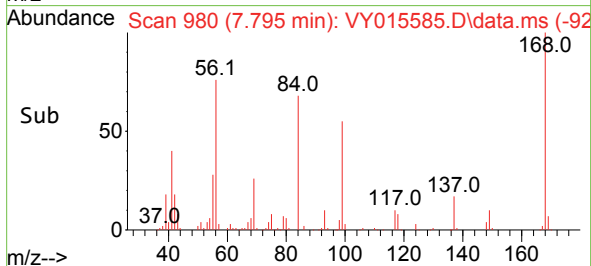


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
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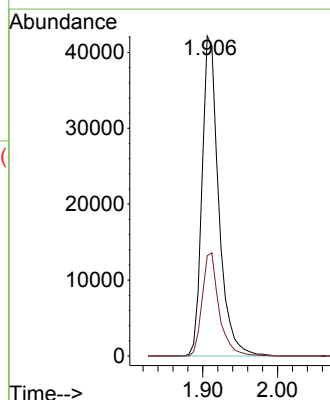
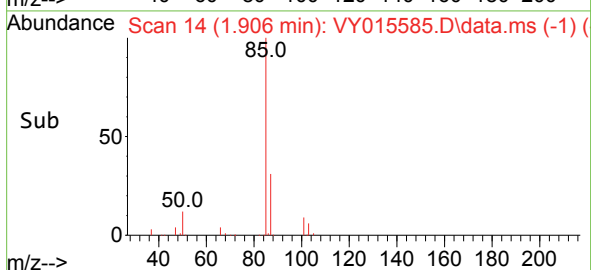
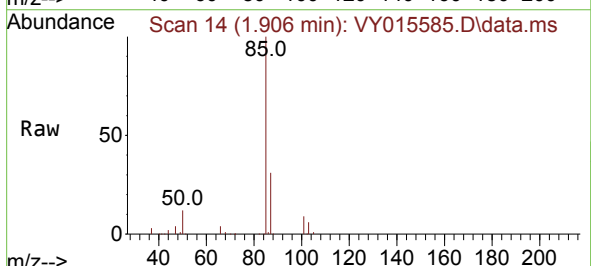


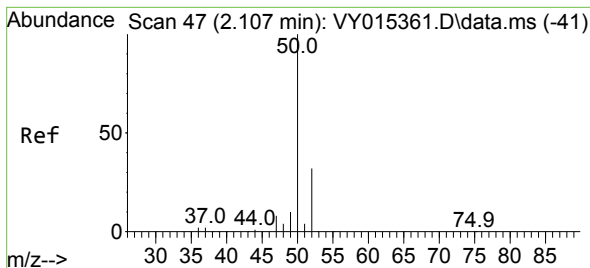
Tgt Ion:168 Resp: 168774
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 44.402 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015585.D
Acq: 15 Sep 2023 22:04

Tgt Ion: 85 Resp: 65142
Ion Ratio Lower Upper
85 100
87 31.3 15.6 46.8





#3

Chloromethane

Concen: 44.257 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY015585.D

Acq: 15 Sep 2023 22:04

Instrument :

MSVOA_Y

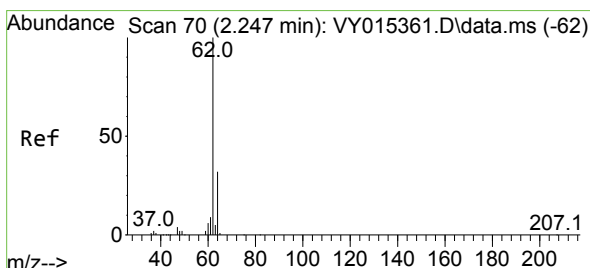
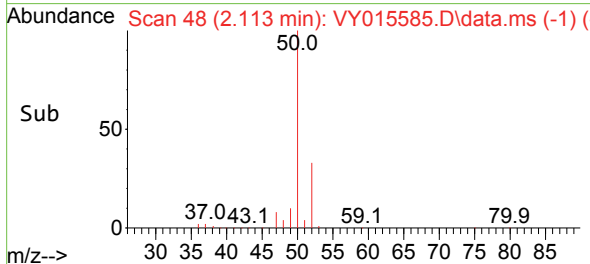
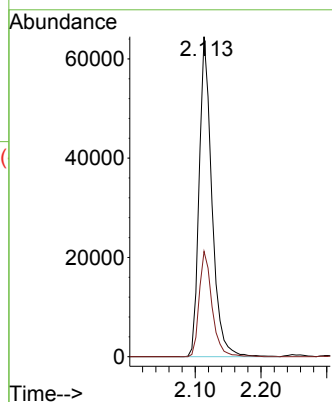
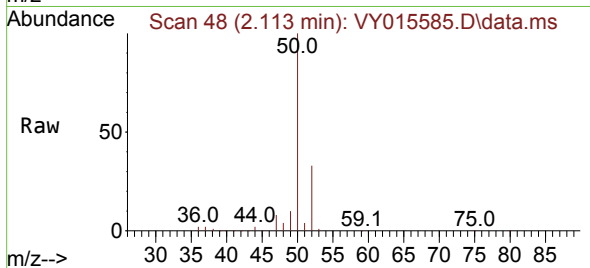
ClientSampleId :

Tgt Ion: 50 Resp: 86229

Ion Ratio Lower Upper

50 100

52 32.9 25.4 38.2



#4

Vinyl Chloride

Concen: 43.369 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.012 min

Lab File: VY015585.D

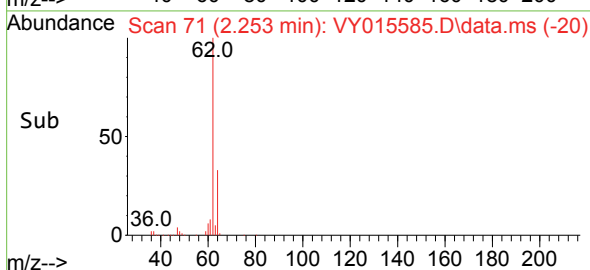
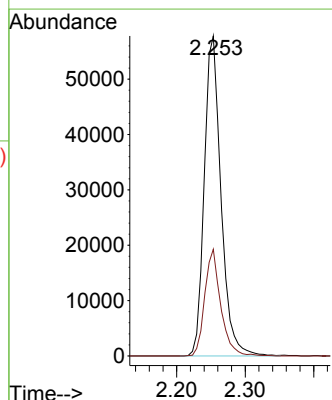
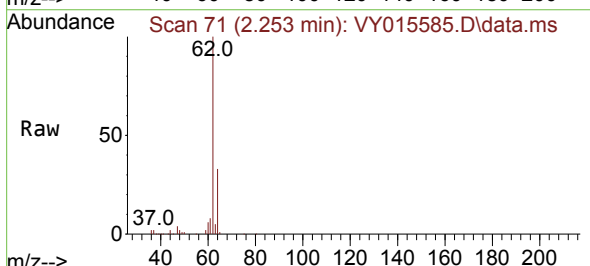
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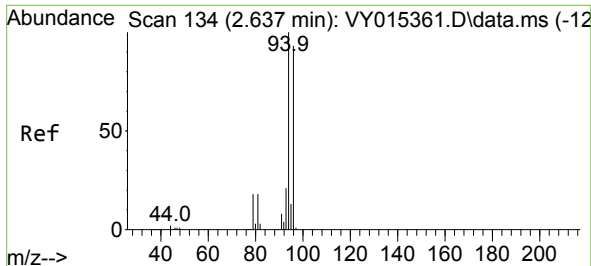
Tgt Ion: 62 Resp: 98354

Ion Ratio Lower Upper

62 100

64 33.4 24.3 36.5

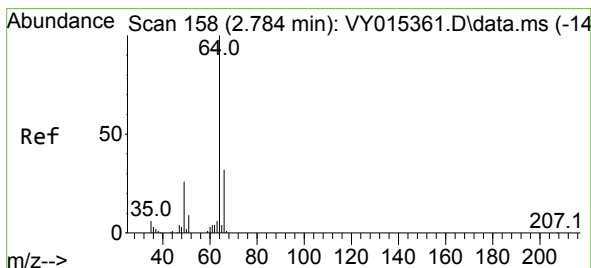
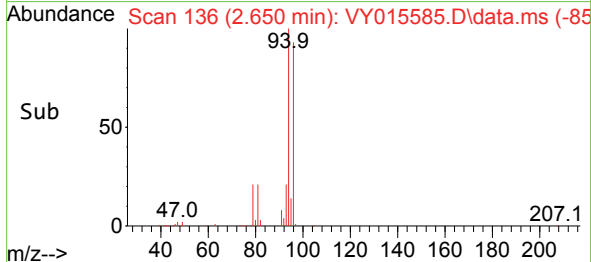
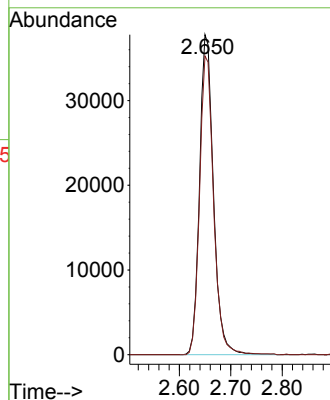
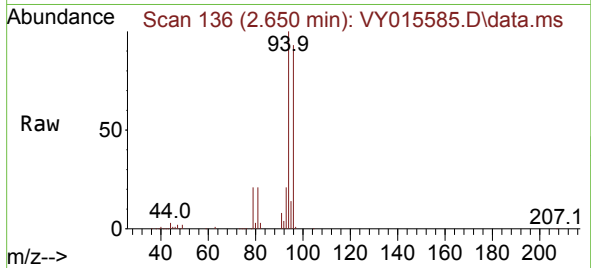




#5
Bromomethane
Concen: 43.863 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY015585.D
Acq: 15 Sep 2023 22:04

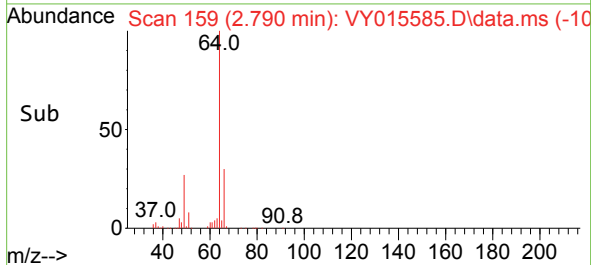
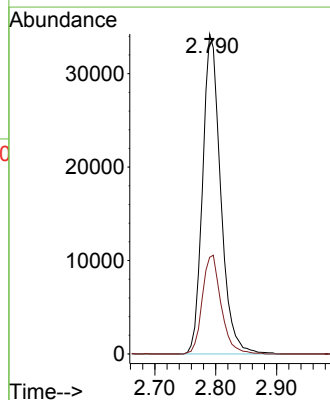
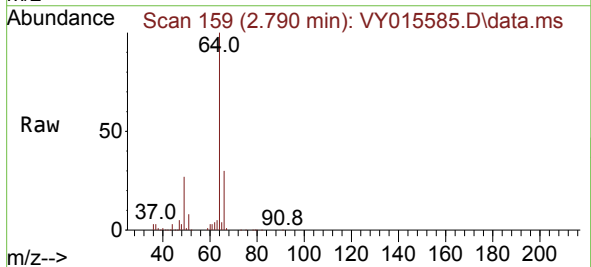
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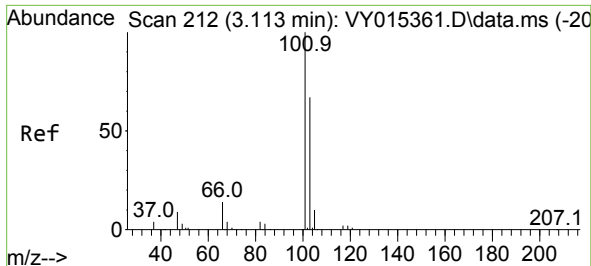
Tgt Ion: 94 Resp: 70779
Ion Ratio Lower Upper
94 100
96 93.3 75.8 113.6



#6
Chloroethane
Concen: 47.382 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY015585.D
Acq: 15 Sep 2023 22:04

Tgt Ion: 64 Resp: 70630
Ion Ratio Lower Upper
64 100
66 30.2 24.4 36.6

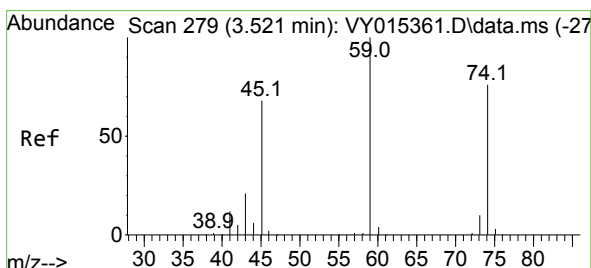
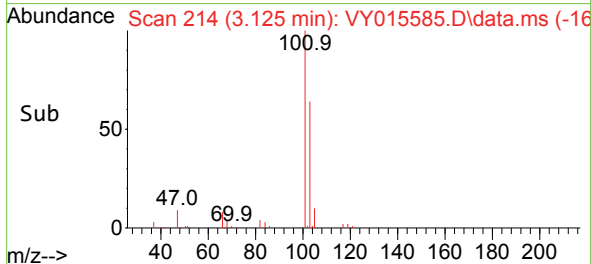
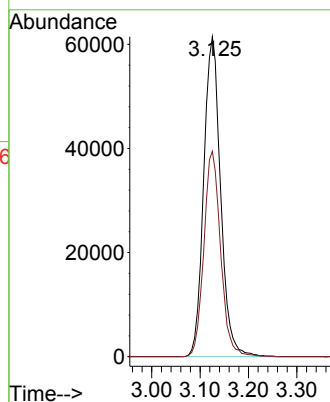
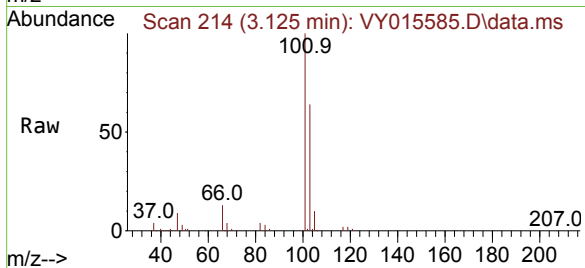




#7
Trichlorofluoromethane
Concen: 46.517 ug/l
RT: 3.125 min Scan# 212
Delta R.T. 0.012 min
Lab File: VY015585.D
Acq: 15 Sep 2023 22:04

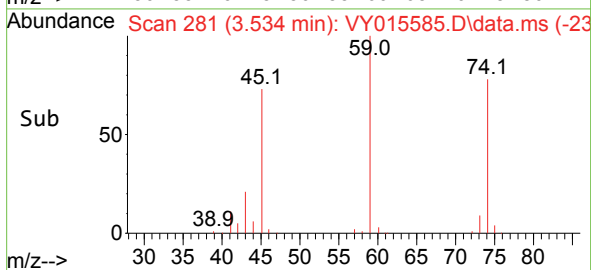
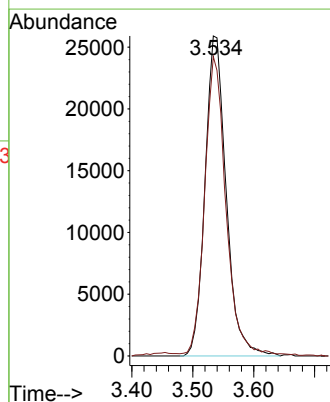
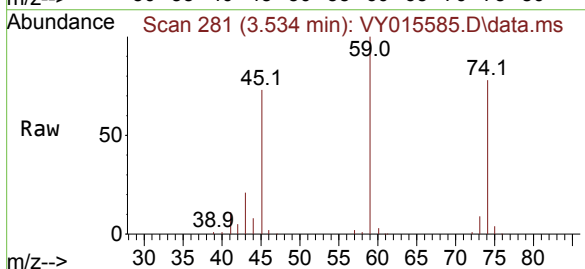
Instrument :
MSVOA_Y
ClientSampleId :

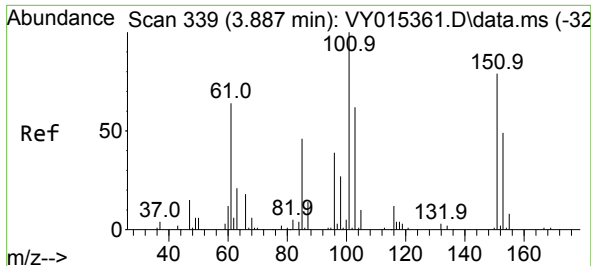
Tgt Ion:101 Resp: 149221
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.0



#8
Diethyl Ether
Concen: 57.081 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.012 min
Lab File: VY015585.D
Acq: 15 Sep 2023 22:04

Tgt Ion: 74 Resp: 62578
Ion Ratio Lower Upper
74 100
45 94.2 51.5 154.5

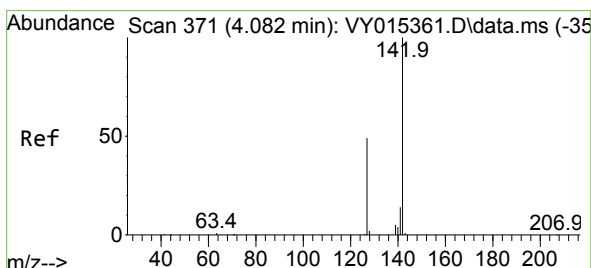
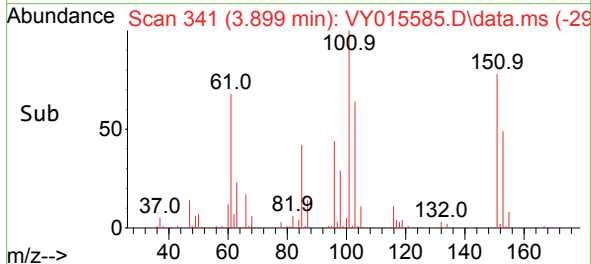
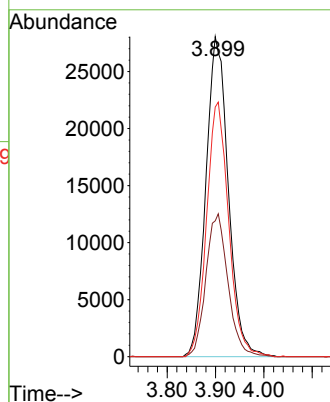
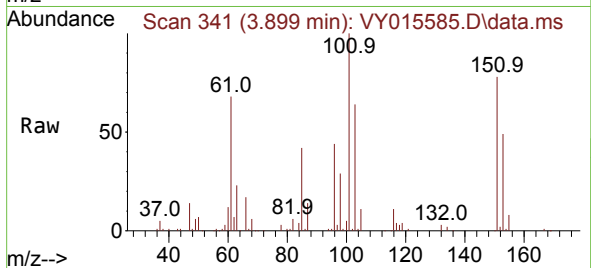




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.735 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY015585.D
Acq: 15 Sep 2023 22:04

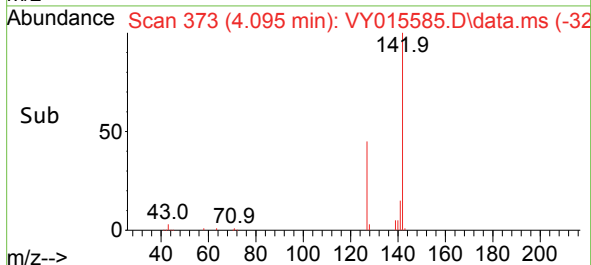
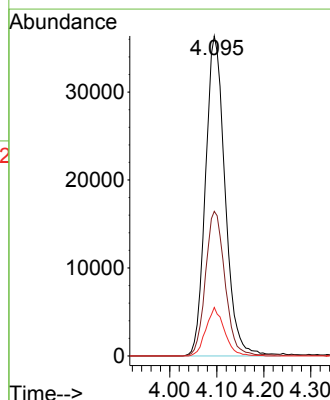
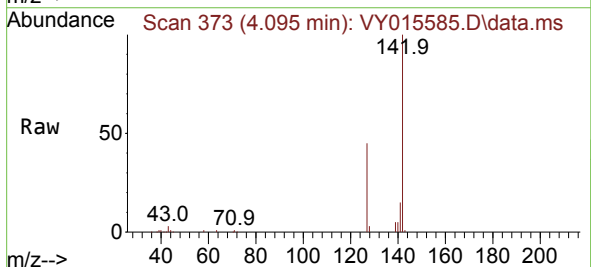
Instrument :
MSVOA_Y
ClientSampleId :

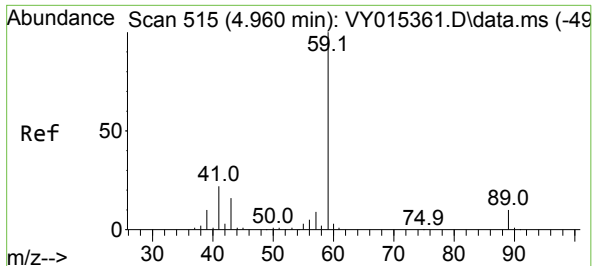
Tgt Ion:101 Resp: 90205
Ion Ratio Lower Upper
101 100
85 44.1 36.6 55.0
151 78.3 67.0 100.6



#10
Methyl Iodide
Concen: 50.419 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.012 min
Lab File: VY015585.D
Acq: 15 Sep 2023 22:04

Tgt Ion:142 Resp: 105272
Ion Ratio Lower Upper
142 100
127 44.9 37.6 56.4
141 14.3 11.8 17.8

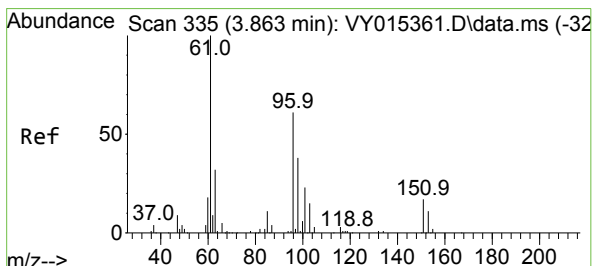
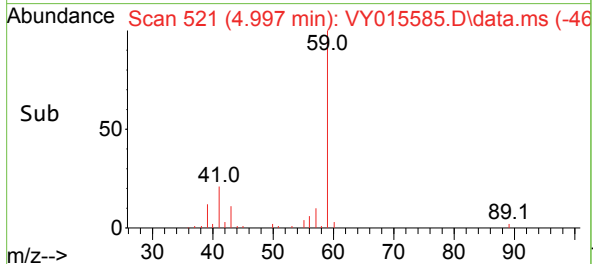
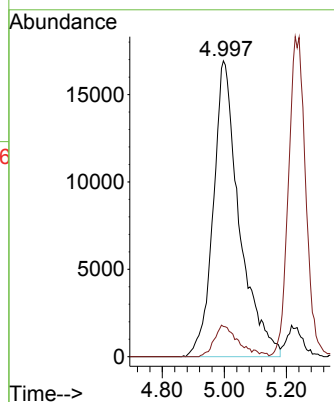
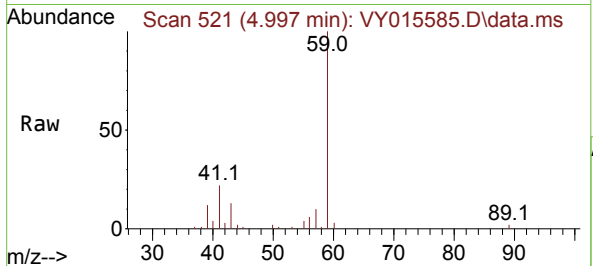




#11
Tert butyl alcohol
Concen: 247.827 ug/l
RT: 4.997 min Scan# 51
Delta R.T. 0.043 min
Lab File: VY015585.D
Acq: 15 Sep 2023 22:04

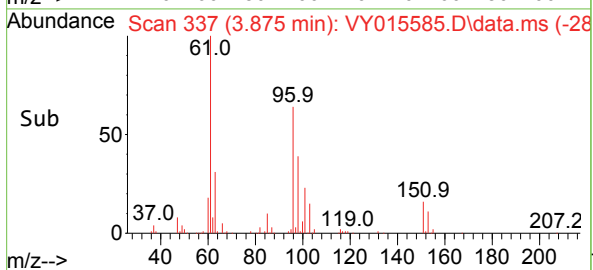
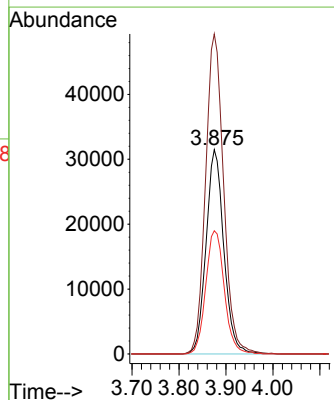
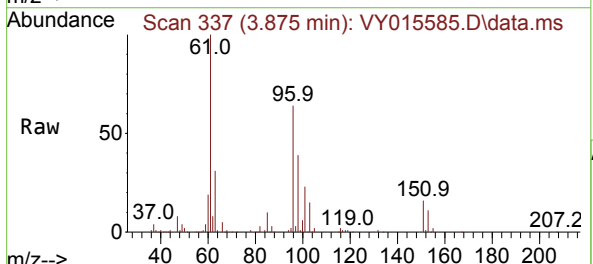
Instrument :
MSVOA_Y
ClientSampleId :

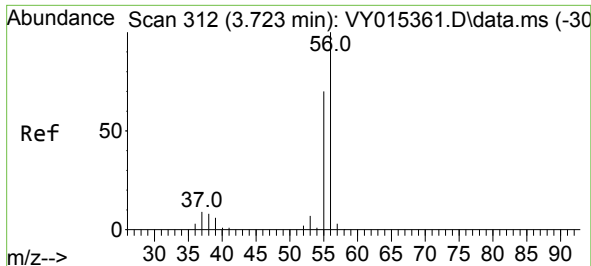
Tgt Ion: 59 Resp: 98859
Ion Ratio Lower Upper
59 100
57 9.2 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 49.239 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.012 min
Lab File: VY015585.D
Acq: 15 Sep 2023 22:04

Tgt Ion: 96 Resp: 82609
Ion Ratio Lower Upper
96 100
61 156.6 136.4 204.6
98 60.3 49.4 74.2





#13

Acrolein

Concen: 237.553 ug/l

RT: 3.741 min Scan# 312

Delta R.T. 0.018 min

Lab File: VY015585.D

Acq: 15 Sep 2023 22:04

Instrument :

MSVOA_Y

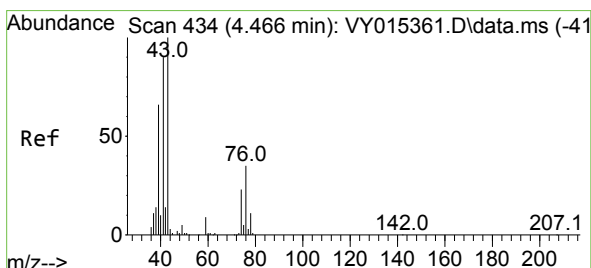
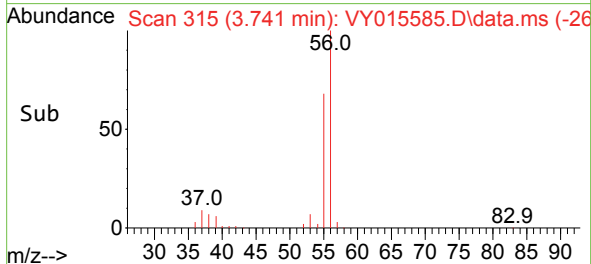
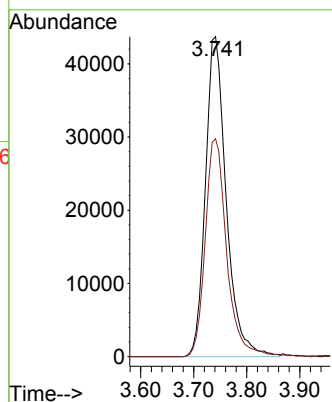
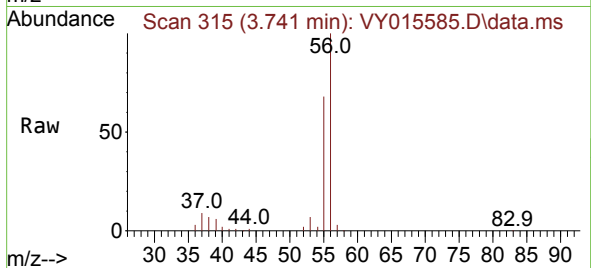
ClientSampleId :

Tgt Ion: 56 Resp: 119096

Ion Ratio Lower Upper

56 100

55 70.3 57.0 85.4



#14

Allyl chloride

Concen: 54.283 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.012 min

Lab File: VY015585.D

Acq: 15 Sep 2023 22:04

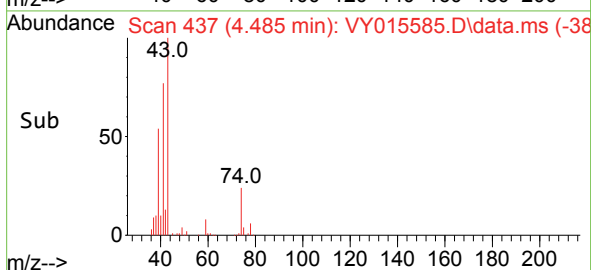
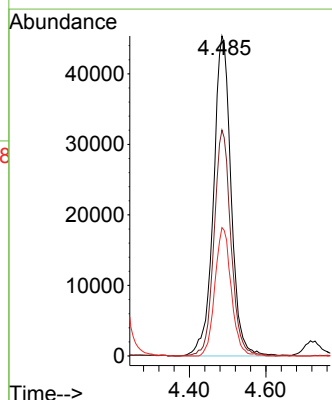
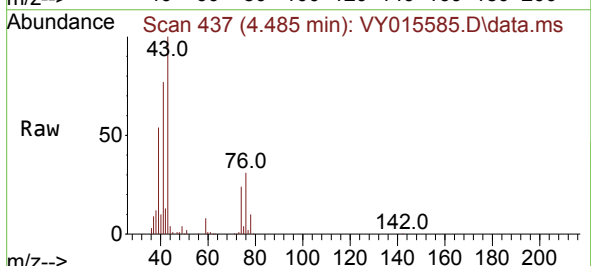
Tgt Ion: 41 Resp: 145003

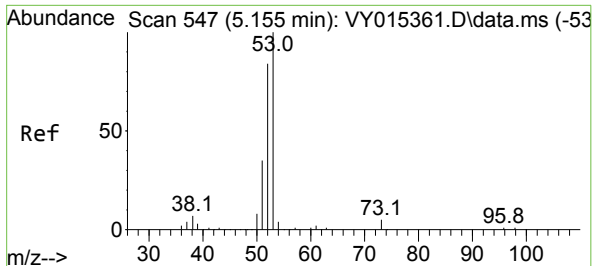
Ion Ratio Lower Upper

41 100

39 67.7 58.0 87.0

76 37.2 27.4 41.2

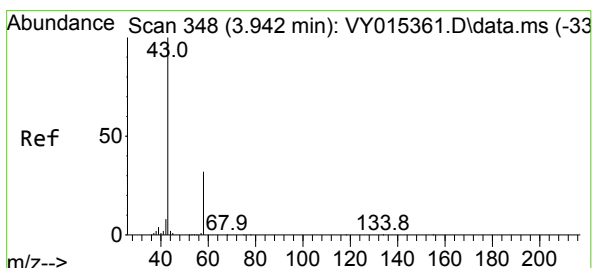
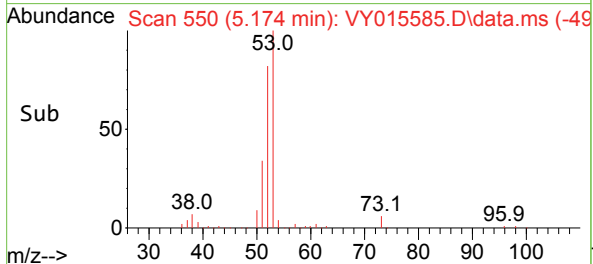
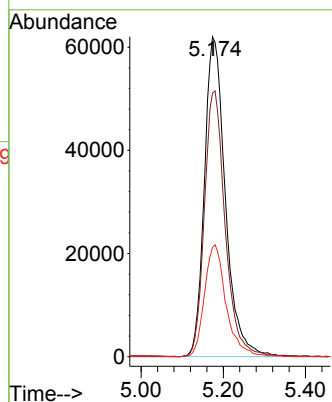
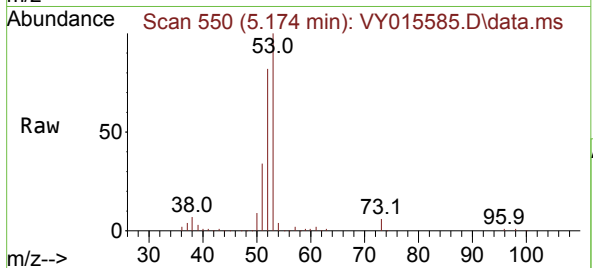




#15
Acrylonitrile
Concen: 318.147 ug/l
RT: 5.174 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY015585.D
Acq: 15 Sep 2023 22:04

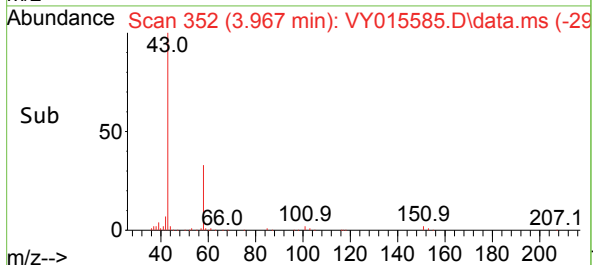
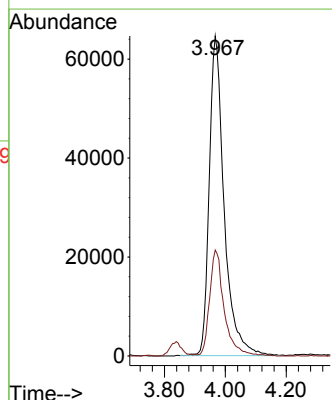
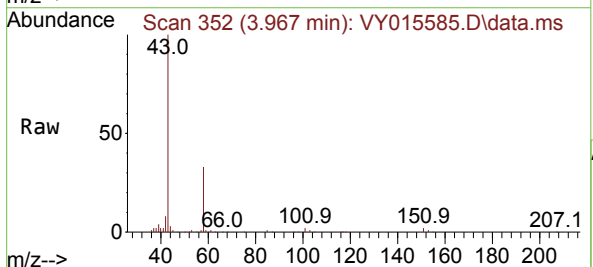
Instrument :
MSVOA_Y
ClientSampleId :

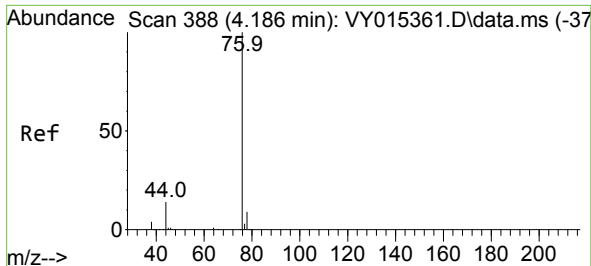
Tgt Ion: 53 Resp: 219473
Ion Ratio Lower Upper
53 100
52 82.4 66.9 100.3
51 36.2 29.8 44.6



#16
Acetone
Concen: 290.568 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.025 min
Lab File: VY015585.D
Acq: 15 Sep 2023 22:04

Tgt Ion: 43 Resp: 219427
Ion Ratio Lower Upper
43 100
58 33.2 22.7 34.1

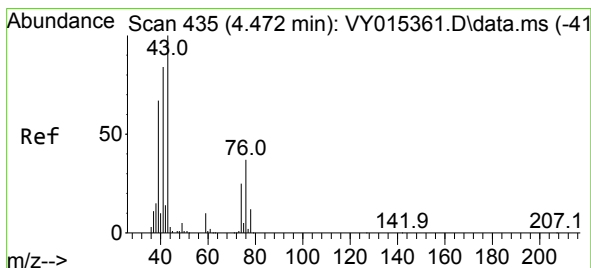
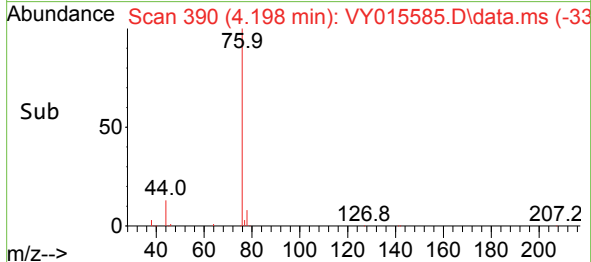
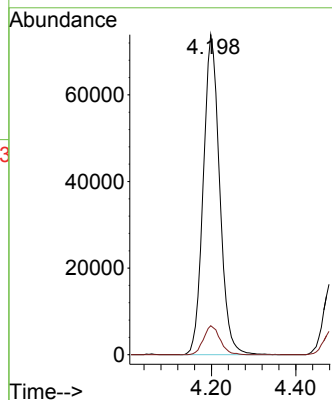
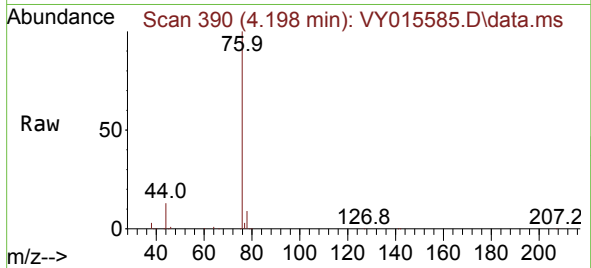




#17
Carbon Disulfide
Concen: 39.703 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.012 min
Lab File: VY015585.D
Acq: 15 Sep 2023 22:04

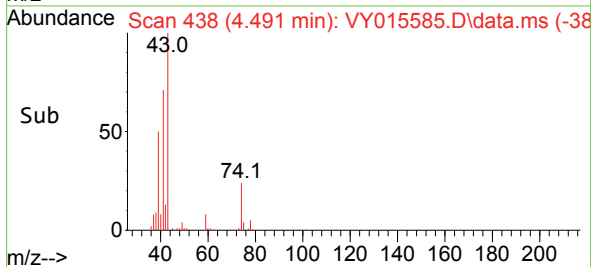
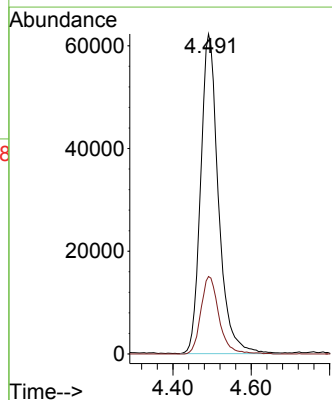
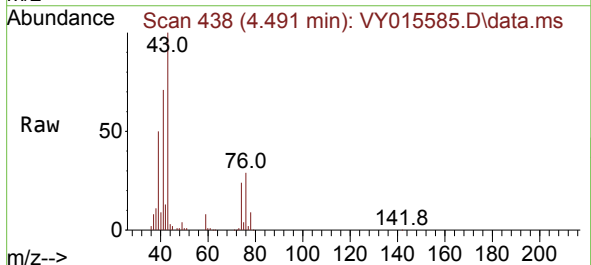
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 199136
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4



#18
Methyl Acetate
Concen: 71.694 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.018 min
Lab File: VY015585.D
Acq: 15 Sep 2023 22:04

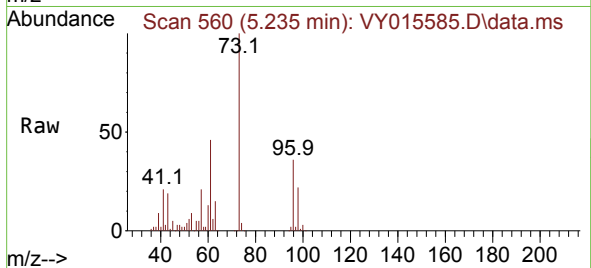
Tgt Ion: 43 Resp: 196099
Ion Ratio Lower Upper
43 100
74 24.7 17.4 26.0



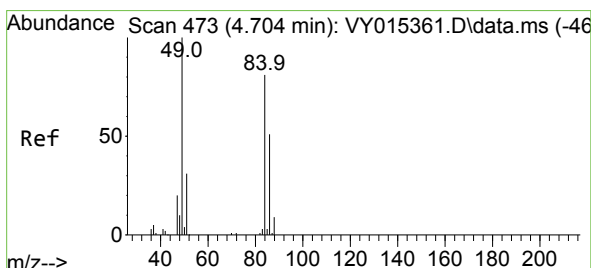
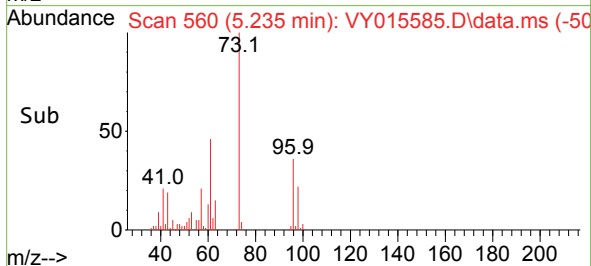
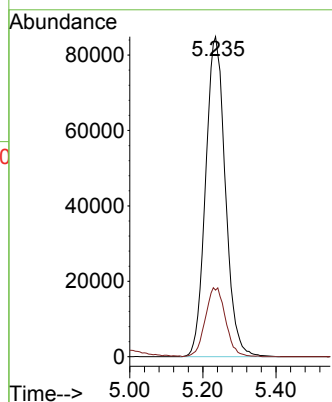


#19
Methyl tert-butyl Ether
Concen: 58.219 ug/l
RT: 5.235 min Scan# 51
Delta R.T. 0.025 min
Lab File: VY015585.D
Acq: 15 Sep 2023 22:04

Instrument :
MSVOA_Y
ClientSampleId :

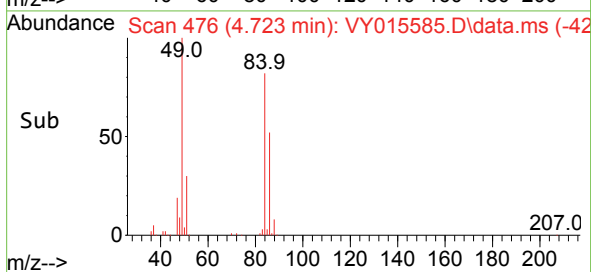
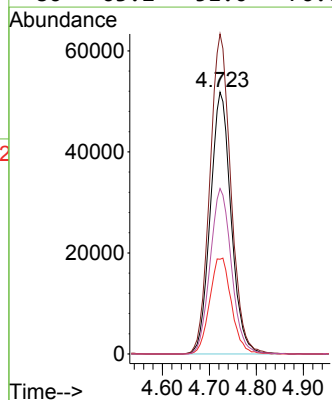
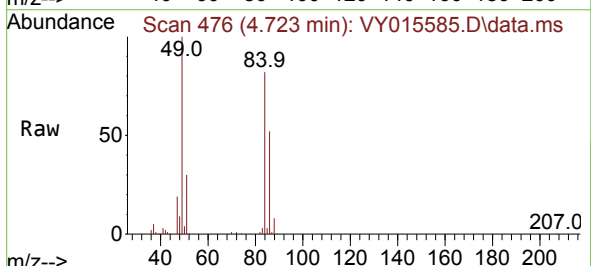


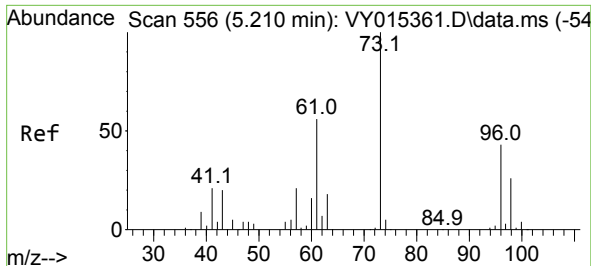
Tgt Ion: 73 Resp: 317460
Ion Ratio Lower Upper
73 100
57 20.8 17.3 25.9



#20
Methylene Chloride
Concen: 69.271 ug/l
RT: 4.723 min Scan# 476
Delta R.T. 0.019 min
Lab File: VY015585.D
Acq: 15 Sep 2023 22:04

Tgt Ion: 84 Resp: 158902
Ion Ratio Lower Upper
84 100
49 122.2 106.9 160.3
51 36.2 33.2 49.8
86 63.2 51.0 76.6

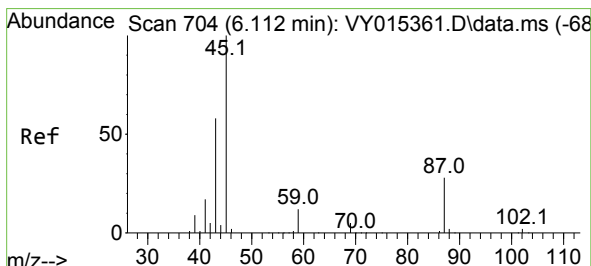
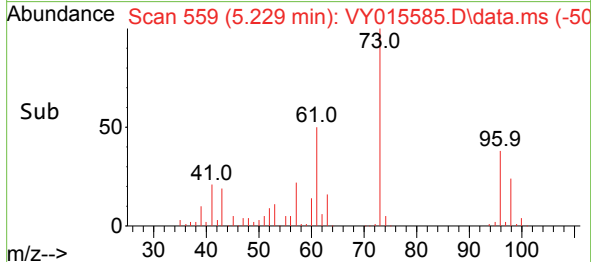
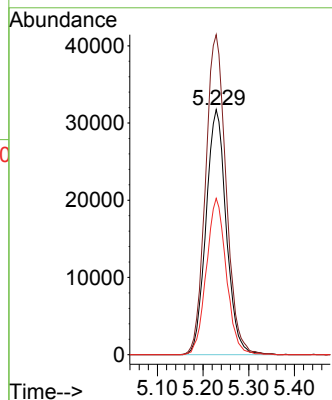
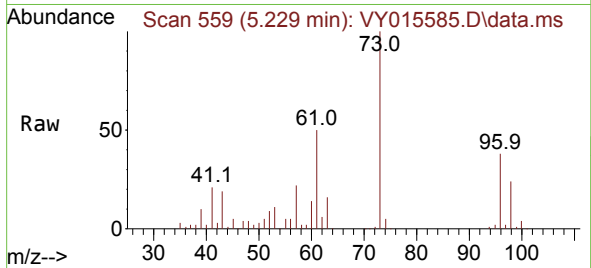




#21
trans-1,2-Dichloroethene
Concen: 50.554 ug/l
RT: 5.229 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY015585.D
Acq: 15 Sep 2023 22:04

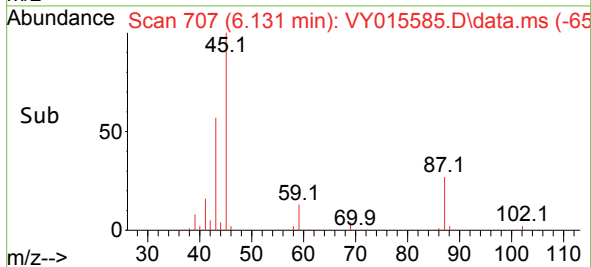
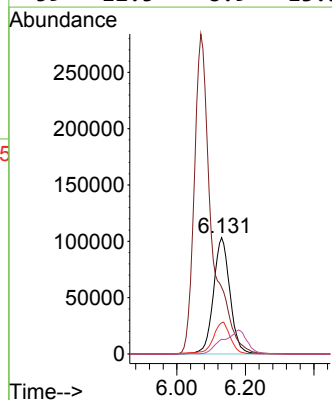
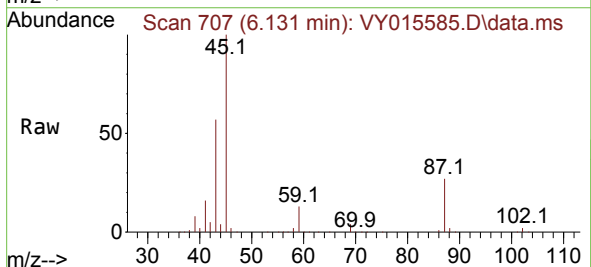
Instrument :
MSVOA_Y
ClientSampleId :

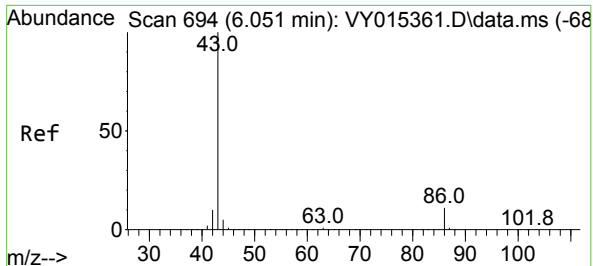
Tgt Ion: 96 Resp: 97667
Ion Ratio Lower Upper
96 100
61 130.6 110.2 165.4
98 63.8 51.8 77.6



#22
Diisopropyl ether
Concen: 58.858 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.018 min
Lab File: VY015585.D
Acq: 15 Sep 2023 22:04

Tgt Ion: 45 Resp: 343855
Ion Ratio Lower Upper
45 100
43 57.1 52.2 78.4
87 26.8 21.0 31.6
59 12.5 8.9 13.3





#23

Vinyl Acetate

Concen: 269.924 ug/l

RT: 6.070 min Scan# 694

Delta R.T. 0.018 min

Lab File: VY015585.D

Acq: 15 Sep 2023 22:04

Instrument :

MSVOA_Y

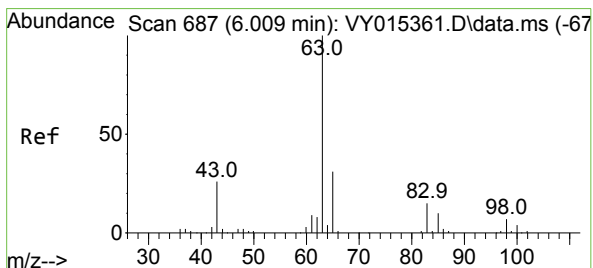
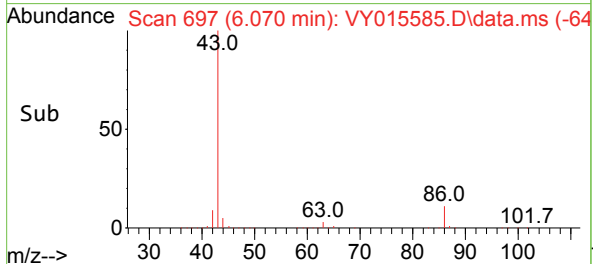
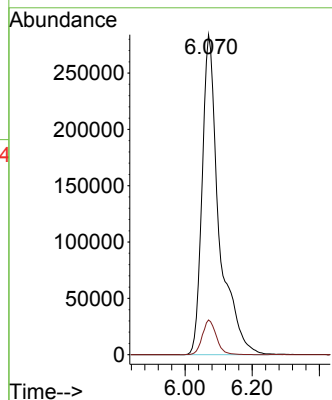
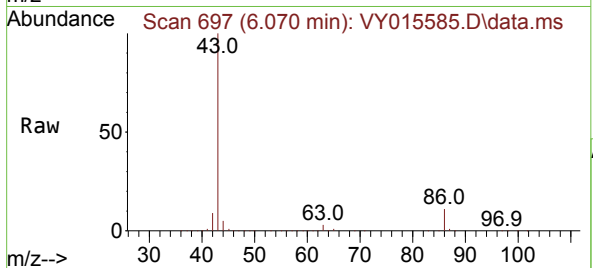
ClientSampleId :

Tgt Ion: 43 Resp: 995645

Ion Ratio Lower Upper

43 100

86 10.8 7.5 11.3



#24

1,1-Dichloroethane

Concen: 55.051 ug/l

RT: 6.027 min Scan# 690

Delta R.T. 0.025 min

Lab File: VY015585.D

Acq: 15 Sep 2023 22:04

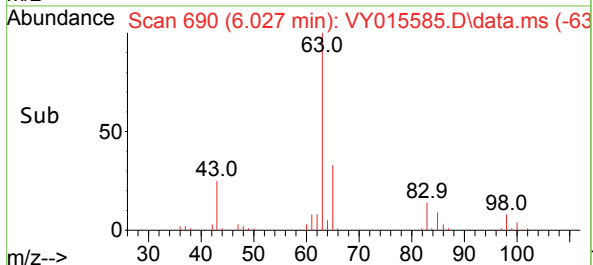
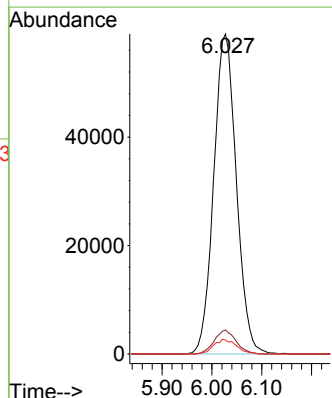
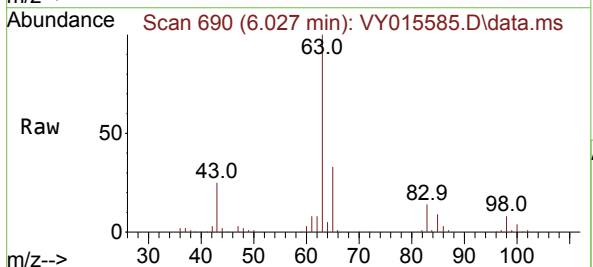
Tgt Ion: 63 Resp: 185919

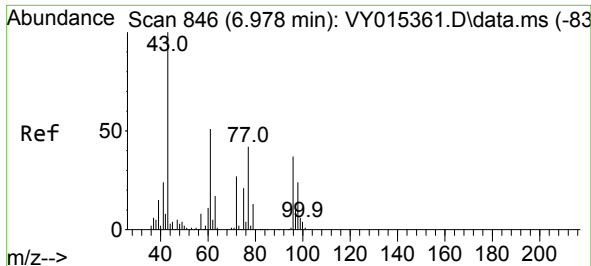
Ion Ratio Lower Upper

63 100

98 7.5 3.1 9.4

100 4.4 1.8 5.5

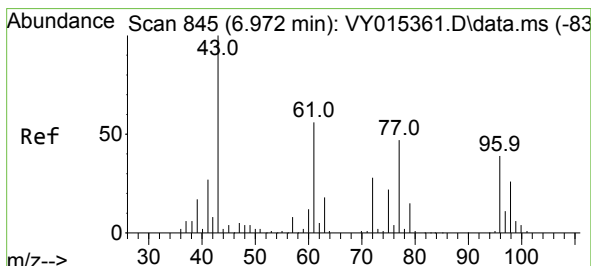
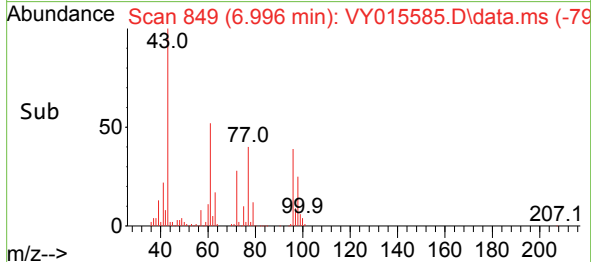
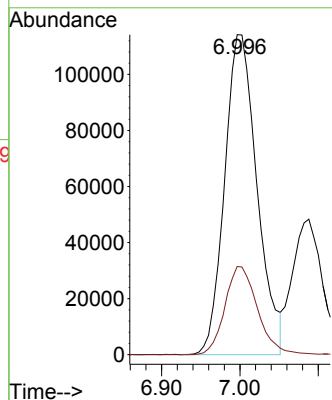
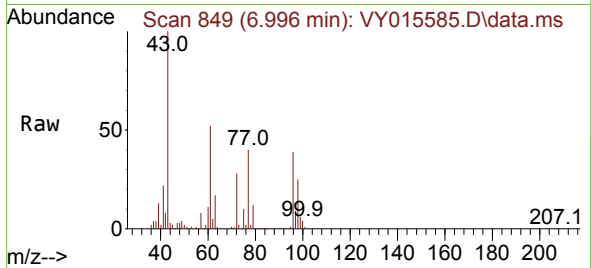




#25
2-Butanone
Concen: 307.438 ug/l
RT: 6.996 min Scan# 84
Delta R.T. 0.018 min
Lab File: VY015585.D
Acq: 15 Sep 2023 22:04

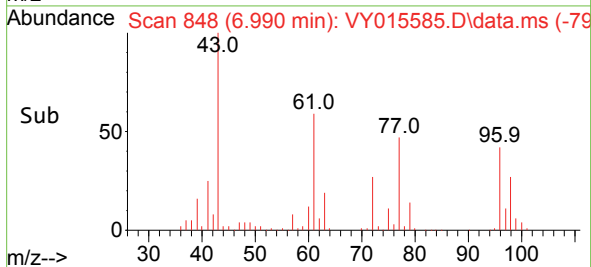
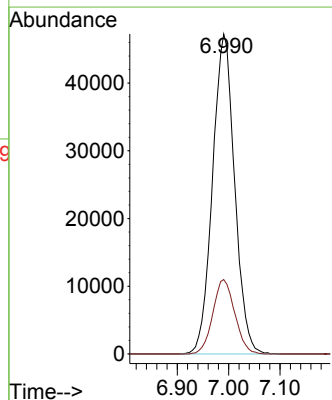
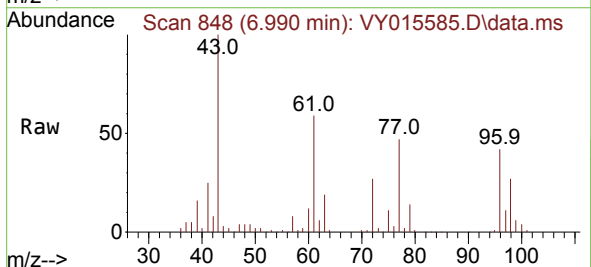
Instrument :
MSVOA_Y
ClientSampleId :

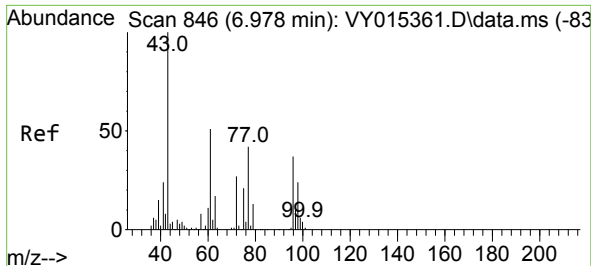
Tgt Ion: 43 Resp: 329289
Ion Ratio Lower Upper
43 100
72 27.6 20.5 30.7



#26
2,2-Dichloropropane
Concen: 49.131 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.018 min
Lab File: VY015585.D
Acq: 15 Sep 2023 22:04

Tgt Ion: 77 Resp: 140928
Ion Ratio Lower Upper
77 100
97 23.1 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 54.799 ug/l

RT: 6.996 min Scan# 846

Delta R.T. 0.018 min

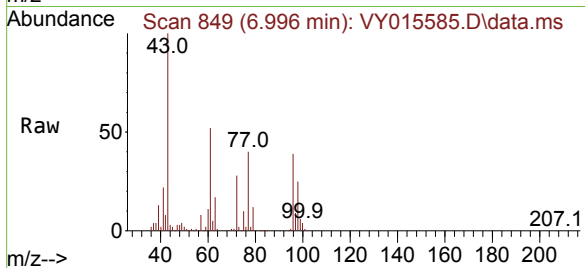
Lab File: VY015585.D

Acq: 15 Sep 2023 22:04

Instrument :

MSVOA_Y

ClientSampleId :



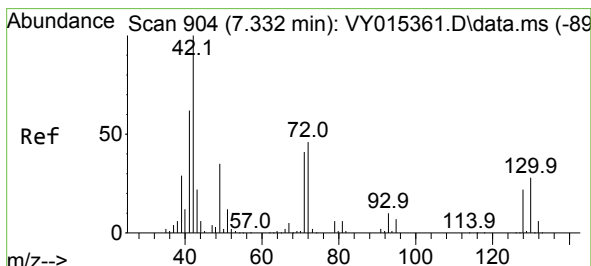
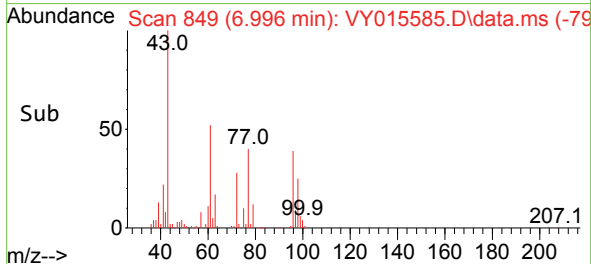
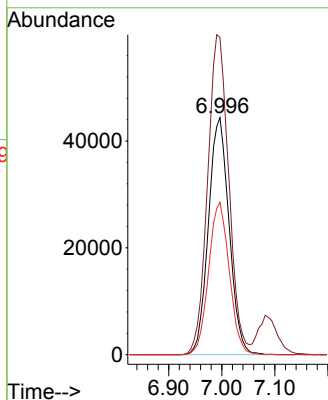
Tgt Ion: 96 Resp: 120103

Ion Ratio Lower Upper

96 100

61 138.2 0.0 301.4

98 64.3 0.0 130.4



#28

Bromochloromethane

Concen: 55.542 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.018 min

Lab File: VY015585.D

Acq: 15 Sep 2023 22:04

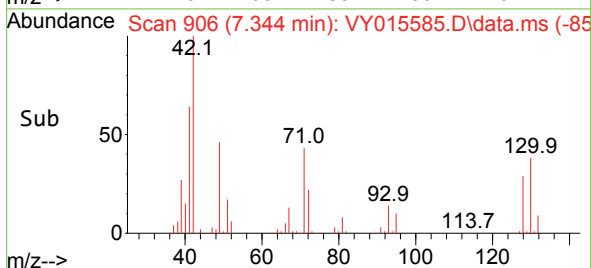
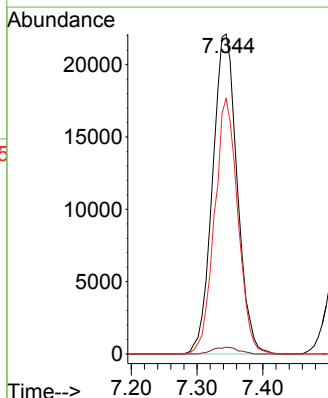
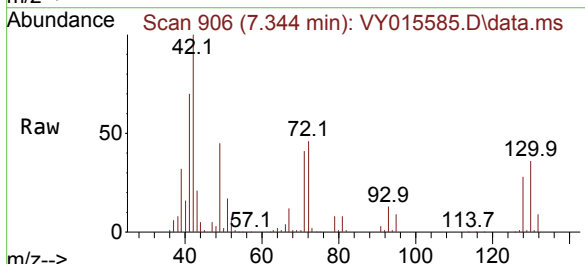
Tgt Ion: 49 Resp: 57522

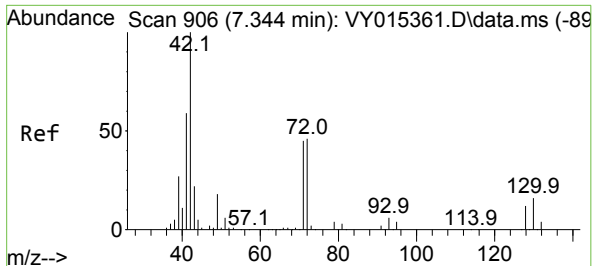
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 75.8 60.7 91.1





#29

Tetrahydrofuran

Concen: 317.497 ug/l

RT: 7.362 min Scan# 906

Delta R.T. 0.018 min

Lab File: VY015585.D

Acq: 15 Sep 2023 22:04

Instrument :

MSVOA_Y

ClientSampleId :

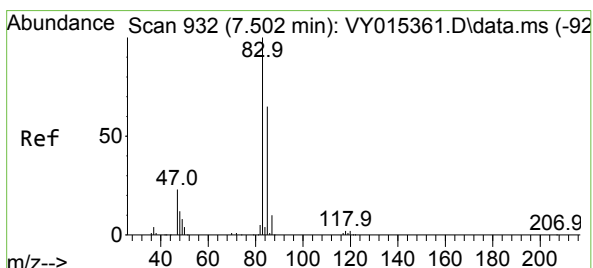
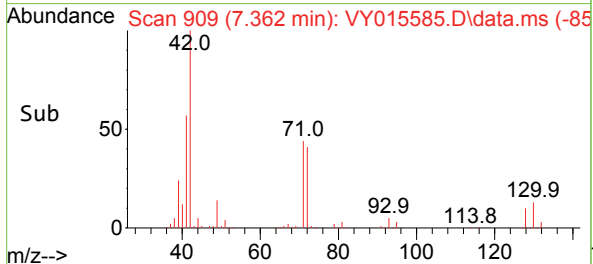
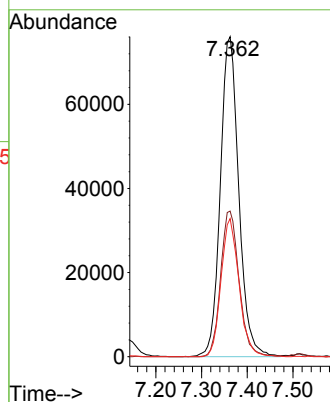
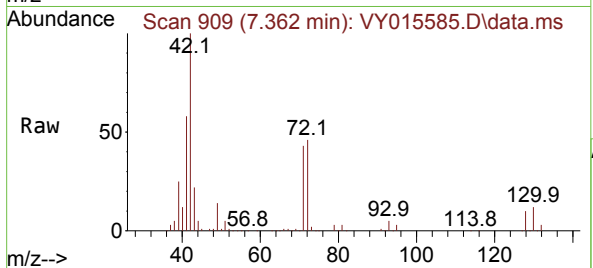
Tgt Ion: 42 Resp: 213551

Ion Ratio Lower Upper

42 100

72 45.5 32.8 49.2

71 42.0 31.0 46.4



#30

Chloroform

Concen: 55.407 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.018 min

Lab File: VY015585.D

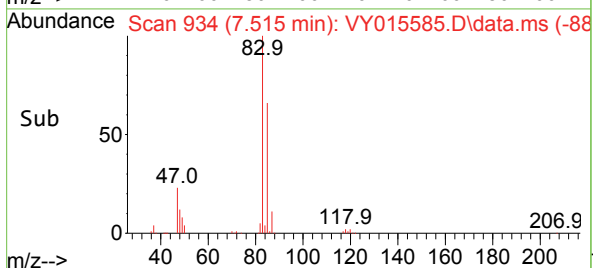
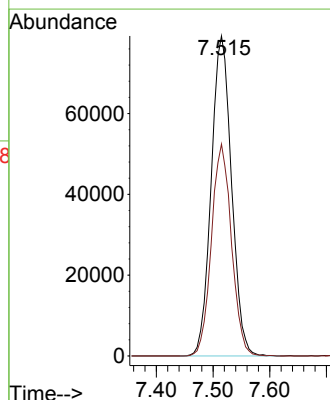
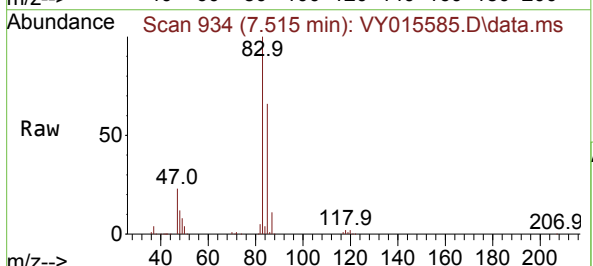
Acq: 15 Sep 2023 22:04

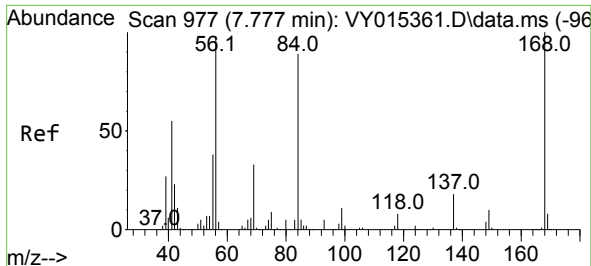
Tgt Ion: 83 Resp: 196705

Ion Ratio Lower Upper

83 100

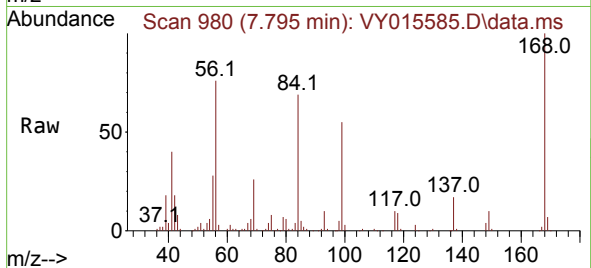
85 66.2 49.7 74.5



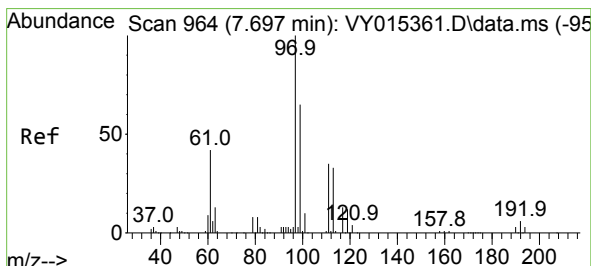
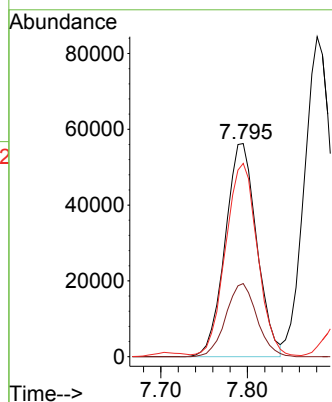
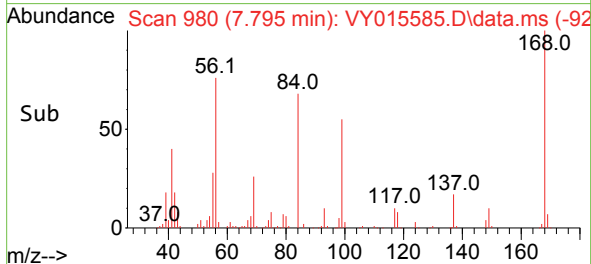


#31
Cyclohexane
Concen: 44.332 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015585.D
Acq: 15 Sep 2023 22:04

Instrument :
MSVOA_Y
ClientSampleId :

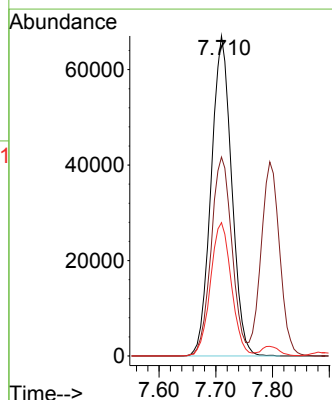
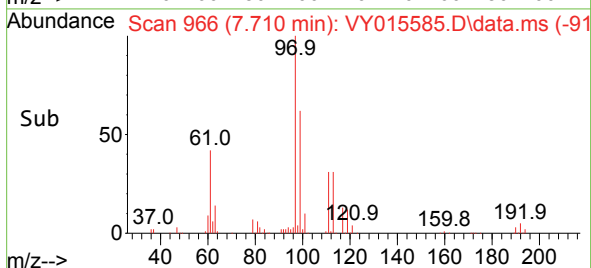
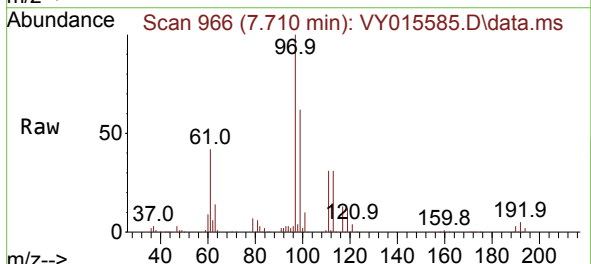


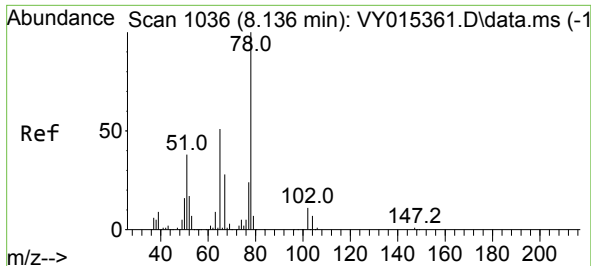
Tgt Ion: 56 Resp: 142474
Ion Ratio Lower Upper
56 100
69 34.3 27.8 41.6
84 89.2 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 53.056 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.018 min
Lab File: VY015585.D
Acq: 15 Sep 2023 22:04

Tgt Ion: 97 Resp: 168244
Ion Ratio Lower Upper
97 100
99 63.1 50.8 76.2
61 42.6 35.1 52.7

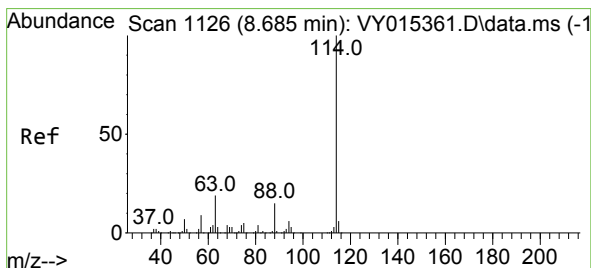
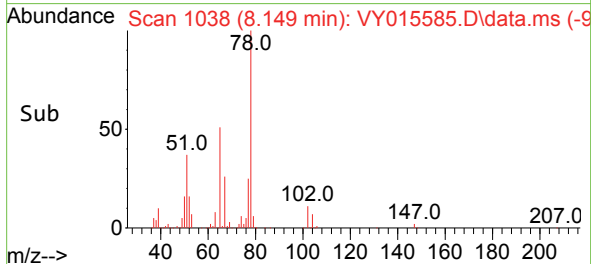
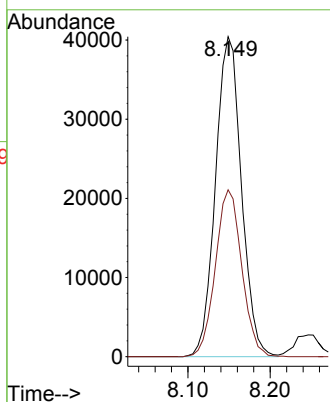
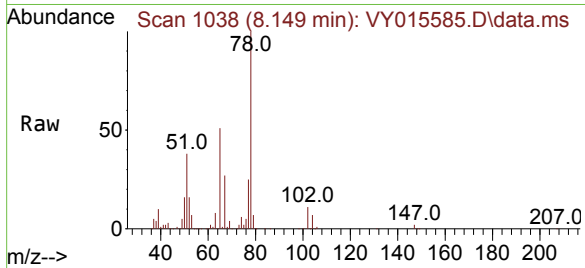




#33
 1,2-Dichloroethane-d4
 Concen: 49.071 ug/l
 RT: 8.149 min Scan# 1036
 Delta R.T. 0.012 min
 Lab File: VY015585.D
 Acq: 15 Sep 2023 22:04

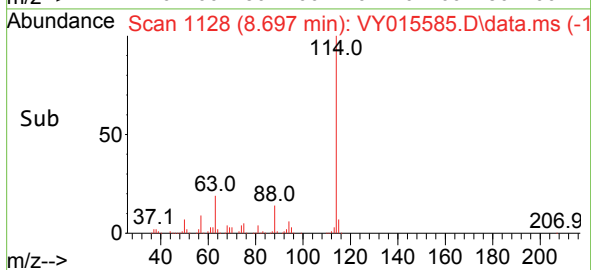
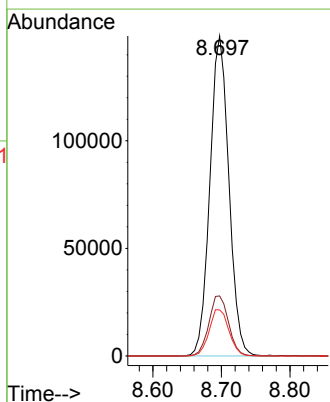
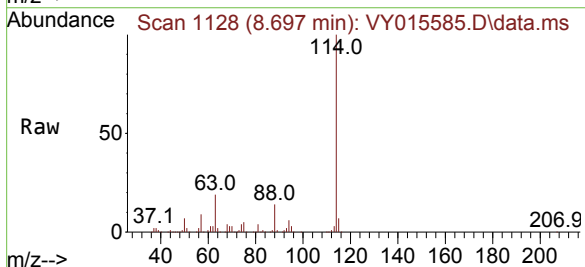
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 65 Resp: 88780
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.012 min
 Lab File: VY015585.D
 Acq: 15 Sep 2023 22:04

Tgt Ion: 114 Resp: 286466
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 42.4
 88 14.4 0.0 30.6

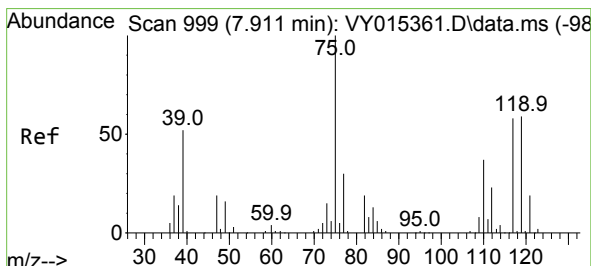
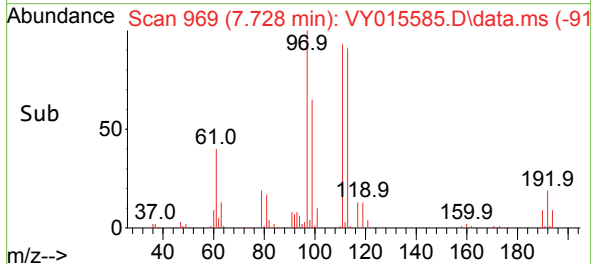
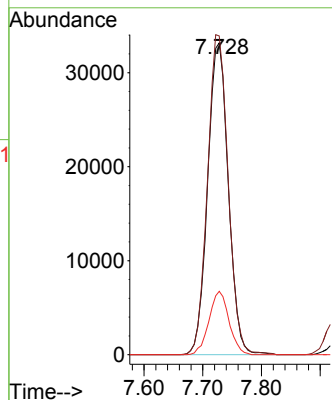
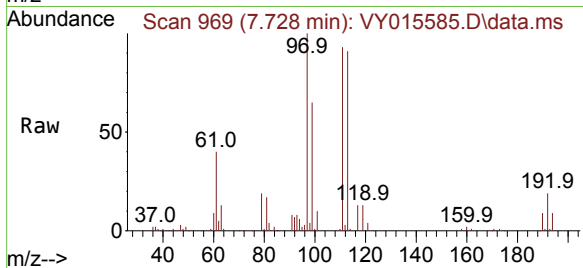




#35
Dibromofluoromethane
Concen: 49.048 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.012 min
Lab File: VY015585.D
Acq: 15 Sep 2023 22:04

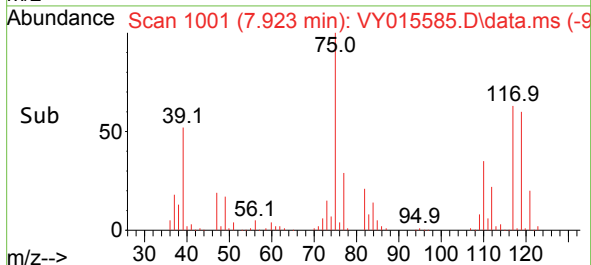
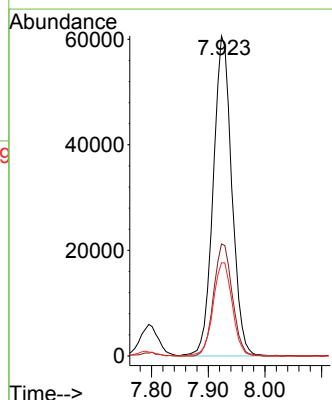
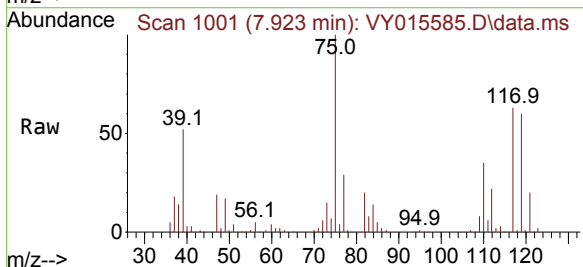
Instrument :
MSVOA_Y
ClientSampleId :

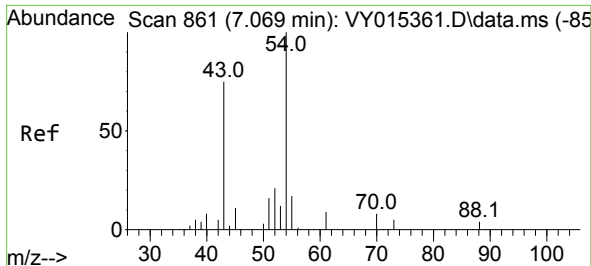
Tgt Ion:113 Resp: 80929
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 19.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 47.719 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.012 min
Lab File: VY015585.D
Acq: 15 Sep 2023 22:04

Tgt Ion: 75 Resp: 138252
Ion Ratio Lower Upper
75 100
110 35.1 17.8 53.5
77 30.1 24.4 36.6





#37

Ethyl Acetate

Concen: 59.539 ug/l

RT: 7.088 min Scan# 861

Delta R.T. 0.025 min

Lab File: VY015585.D

Acq: 15 Sep 2023 22:04

Instrument :

MSVOA_Y

ClientSampleId :

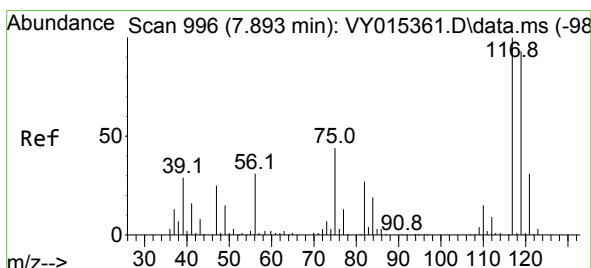
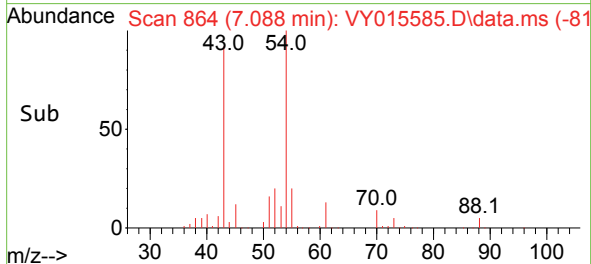
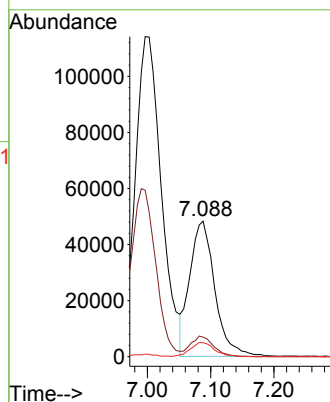
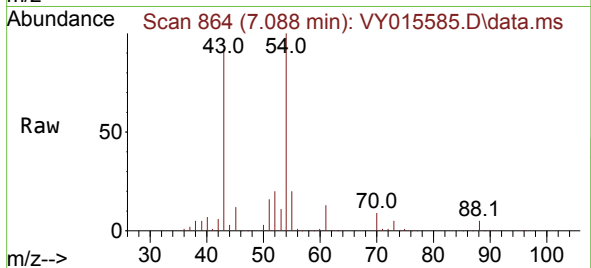
Tgt Ion: 43 Resp: 133038

Ion Ratio Lower Upper

43 100

61 14.1 10.1 15.1

70 10.1 7.1 10.7



#38

Carbon Tetrachloride

Concen: 48.317 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.012 min

Lab File: VY015585.D

Acq: 15 Sep 2023 22:04

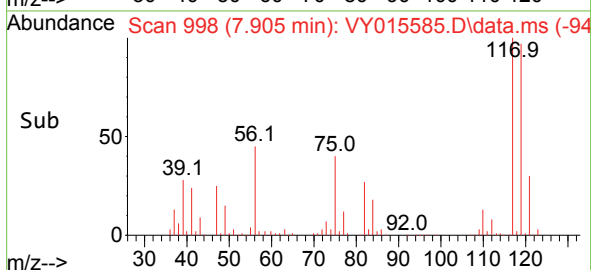
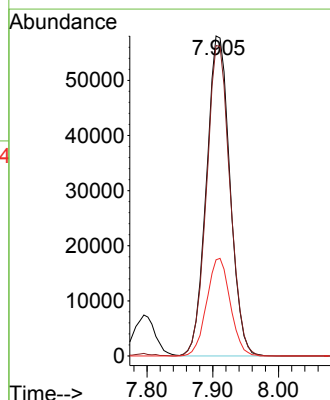
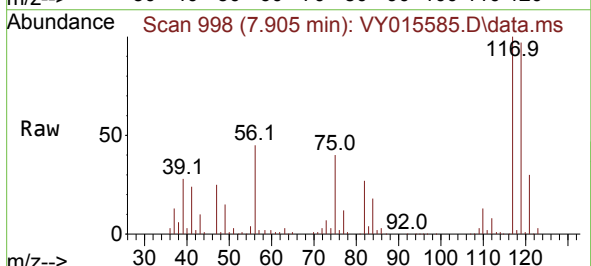
Tgt Ion: 117 Resp: 144578

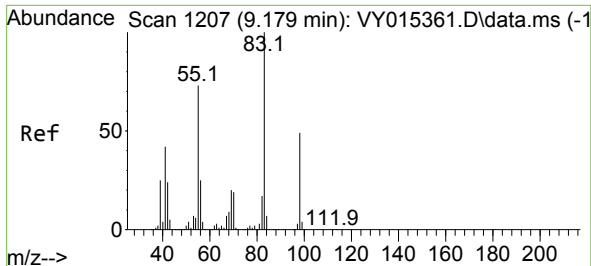
Ion Ratio Lower Upper

117 100

119 97.0 76.4 114.6

121 30.1 25.8 38.6





#39

Methylcyclohexane

Concen: 44.346 ug/l

RT: 9.191 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY015585.D

Acq: 15 Sep 2023 22:04

Instrument :

MSVOA_Y

ClientSampleId :

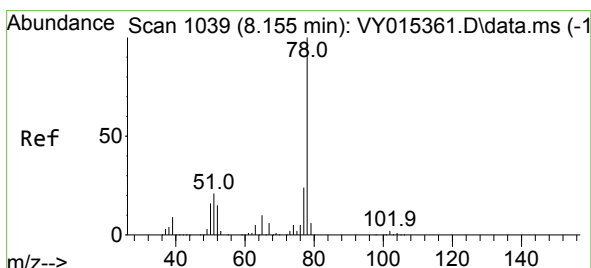
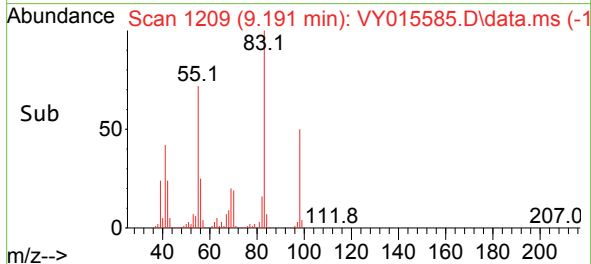
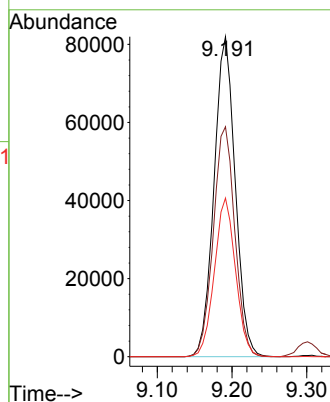
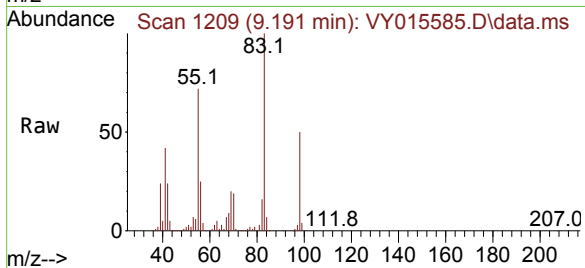
Tgt Ion: 83 Resp: 161748

Ion Ratio Lower Upper

83 100

55 71.8 63.0 94.4

98 49.6 37.4 56.2



#40

Benzene

Concen: 51.180 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.018 min

Lab File: VY015585.D

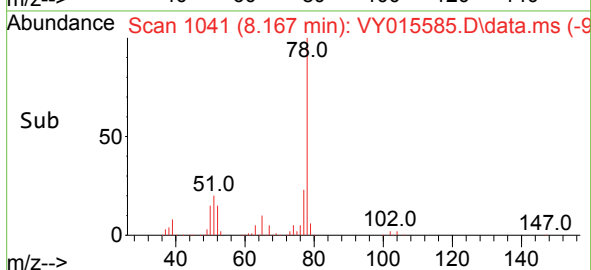
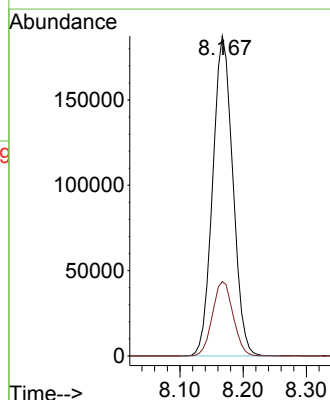
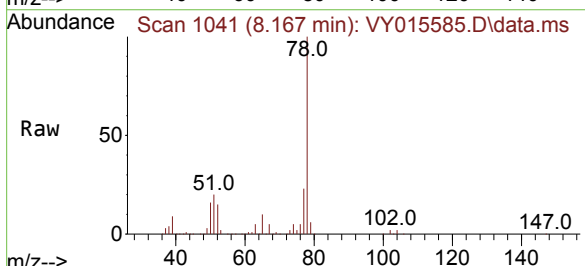
Acq: 15 Sep 2023 22:04

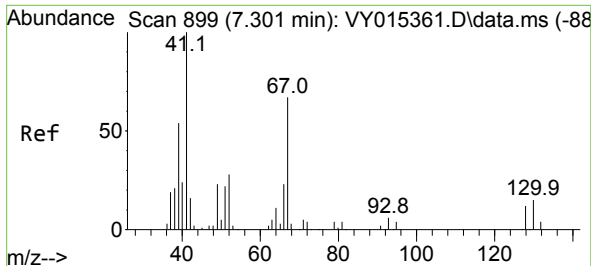
Tgt Ion: 78 Resp: 413693

Ion Ratio Lower Upper

78 100

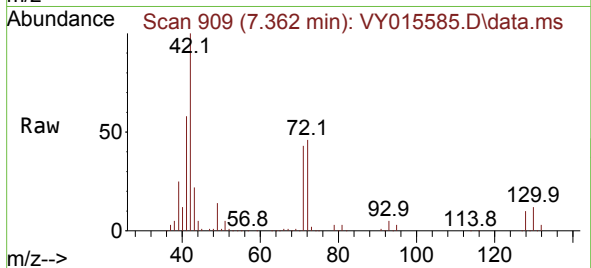
77 23.3 19.0 28.6



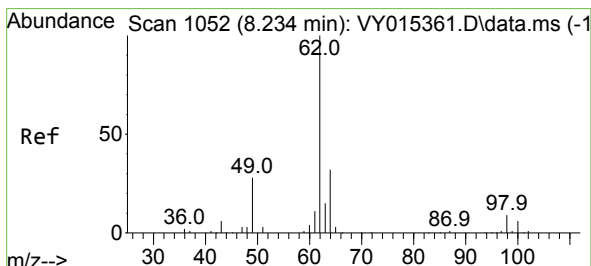
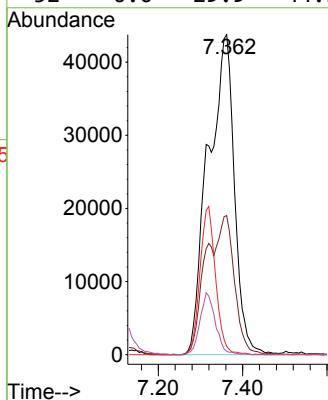
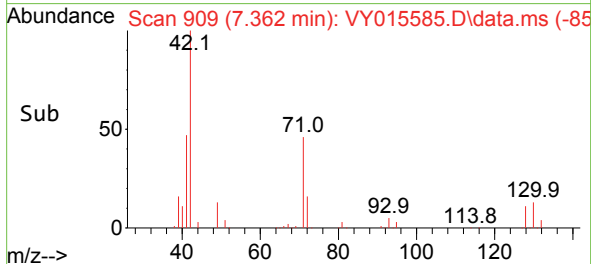


#41
Methacrylonitrile
Concen: 179.591 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.049 min
Lab File: VY015585.D
Acq: 15 Sep 2023 22:04

Instrument :
MSVOA_Y
ClientSampleId :

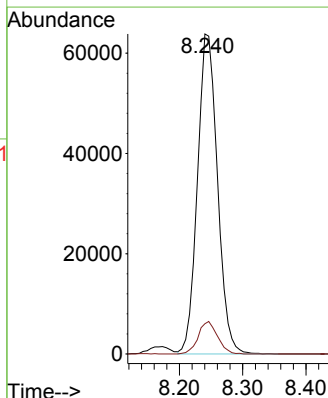
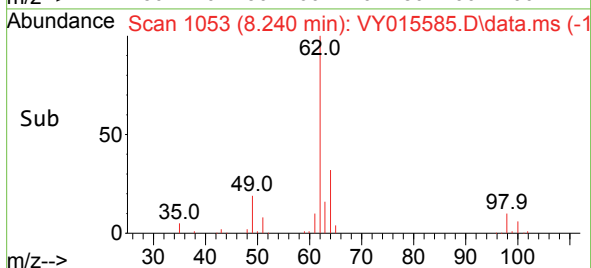
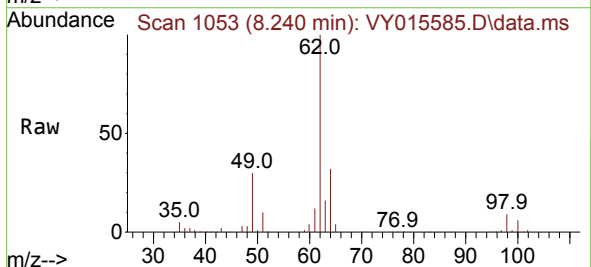


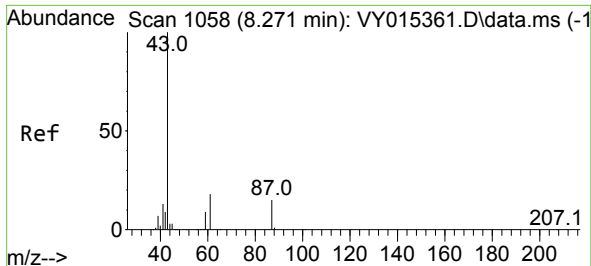
Tgt Ion: 41 Resp: 188180
Ion Ratio Lower Upper
41 100
39 25.7 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 52.256 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY015585.D
Acq: 15 Sep 2023 22:04

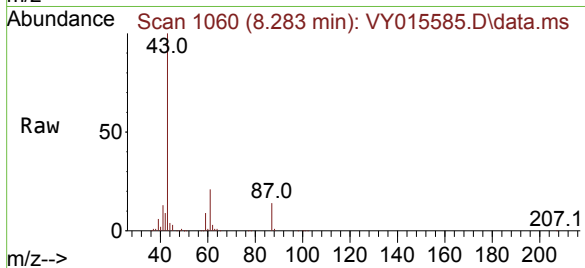
Tgt Ion: 62 Resp: 140848
Ion Ratio Lower Upper
62 100
98 9.8 0.0 15.8





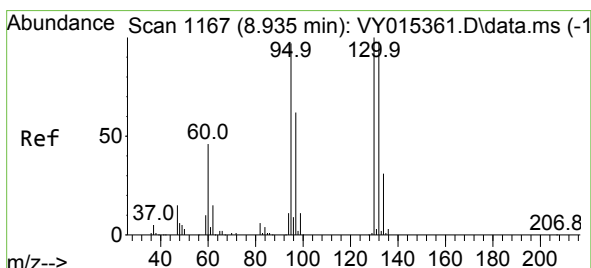
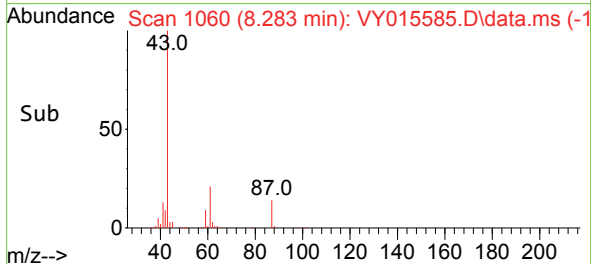
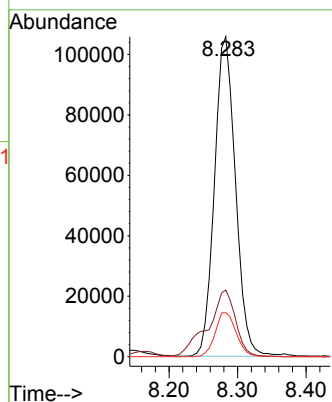
#43
Isopropyl Acetate
Concen: 58.198 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.018 min
Lab File: VY015585.D
Acq: 15 Sep 2023 22:04

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 43 Resp: 224869

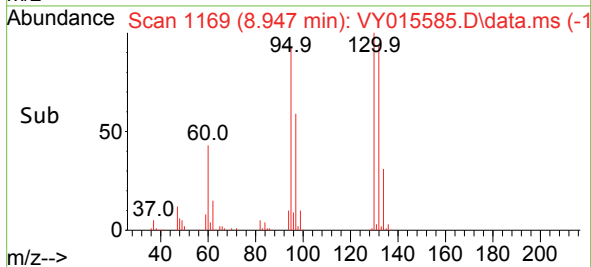
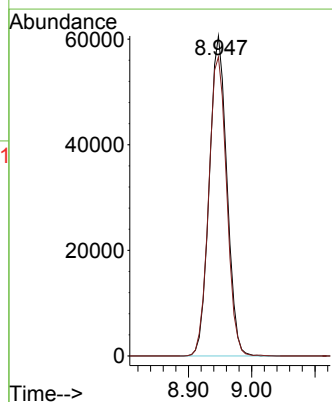
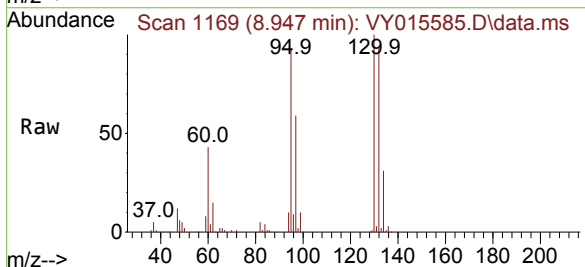
Ion	Ratio	Lower	Upper
43	100		
61	27.6	21.1	31.7
87	13.9	9.8	14.8

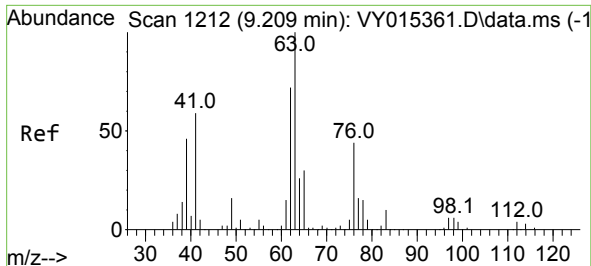


#44
Trichloroethene
Concen: 51.224 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.012 min
Lab File: VY015585.D
Acq: 15 Sep 2023 22:04

Tgt Ion: 130 Resp: 117148

Ion	Ratio	Lower	Upper
130	100		
95	93.4	0.0	196.0





#45

1,2-Dichloropropane

Concen: 55.091 ug/l

RT: 9.222 min Scan# 112257

Delta R.T. 0.006 min

Lab File: VY015585.D

Acq: 15 Sep 2023 22:04

Instrument :

MSVOA_Y

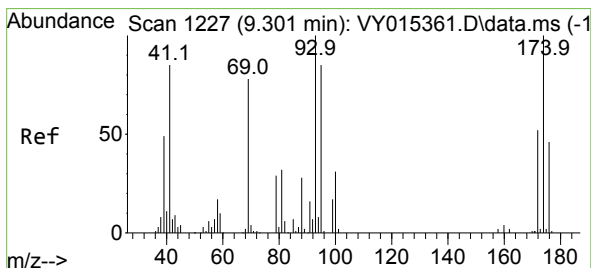
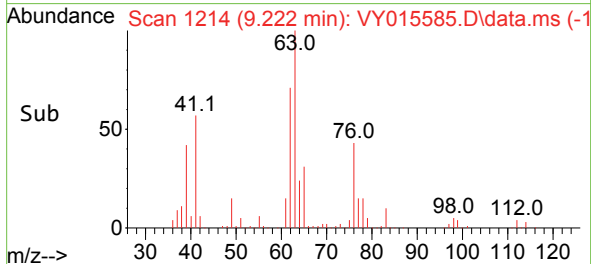
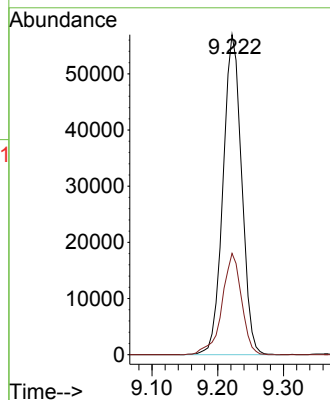
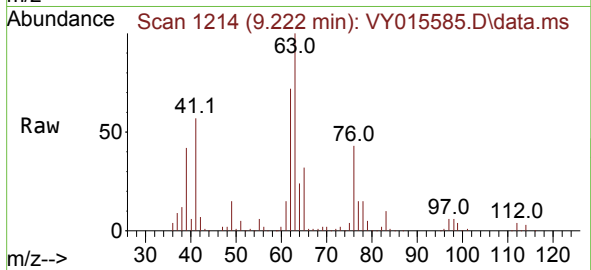
ClientSampleId :

Tgt Ion: 63 Resp: 112257

Ion Ratio Lower Upper

63 100

65 31.7 23.8 35.6



#46

Dibromomethane

Concen: 53.464 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.018 min

Lab File: VY015585.D

Acq: 15 Sep 2023 22:04

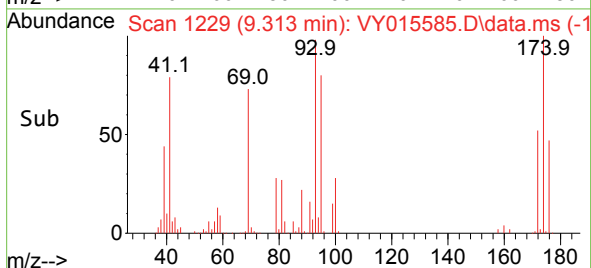
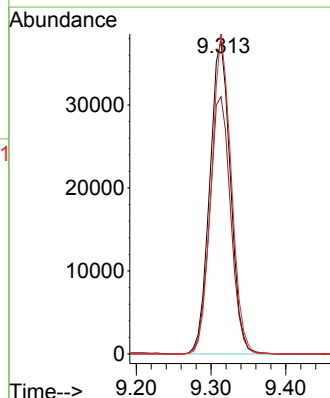
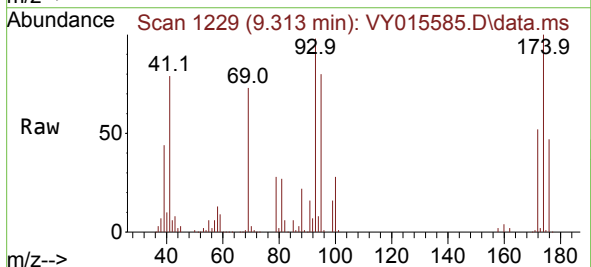
Tgt Ion: 93 Resp: 72366

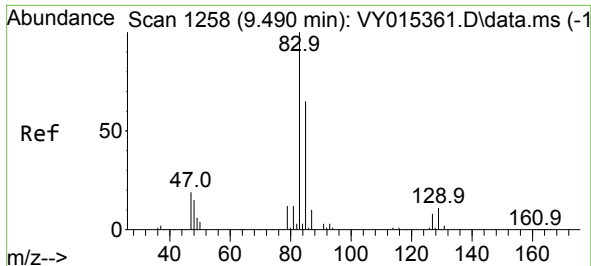
Ion Ratio Lower Upper

93 100

95 83.5 66.6 100.0

174 98.1 84.8 127.2

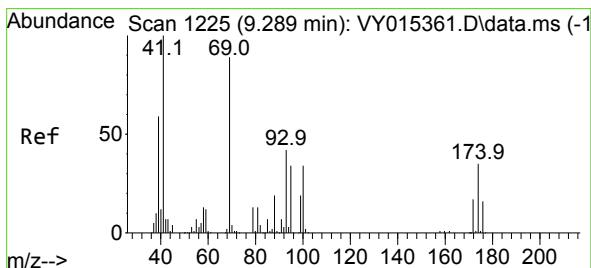
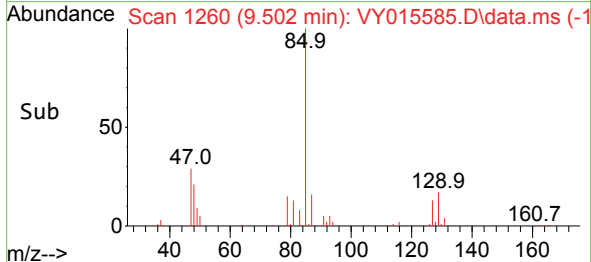
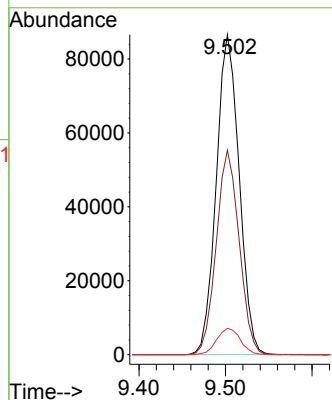
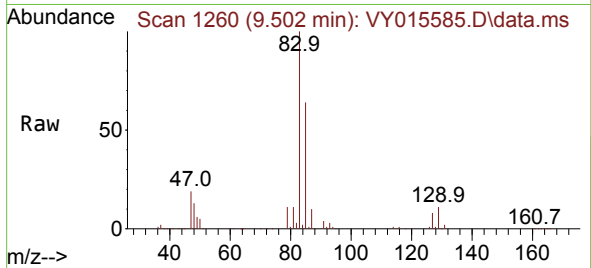




#47
Bromodichloromethane
Concen: 54.956 ug/l
RT: 9.502 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY015585.D
Acq: 15 Sep 2023 22:04

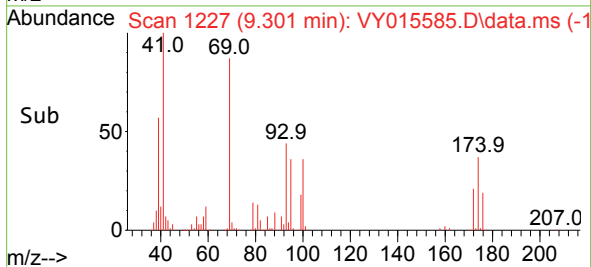
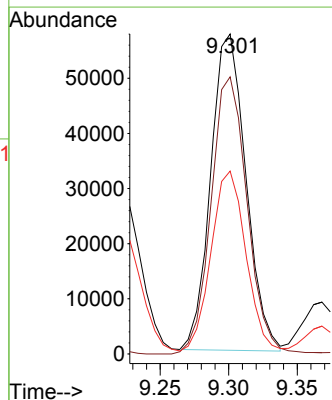
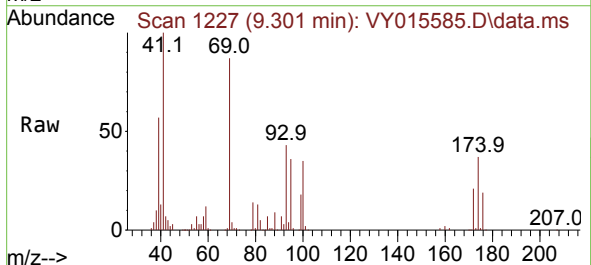
Instrument :
MSVOA_Y
ClientSampleId :

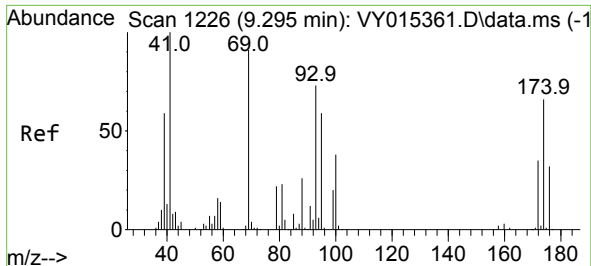
Tgt Ion: 83 Resp: 159074
Ion Ratio Lower Upper
83 100
85 63.9 50.1 75.1
127 8.3 7.1 10.7



#48
Methyl methacrylate
Concen: 57.756 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.012 min
Lab File: VY015585.D
Acq: 15 Sep 2023 22:04

Tgt Ion: 41 Resp: 102389
Ion Ratio Lower Upper
41 100
69 90.1 64.5 96.7
39 58.0 50.8 76.2





#49

1,4-Dioxane

Concen: 1214.254 ug/l

RT: 9.319 min Scan# 1226

Delta R.T. 0.031 min

Lab File: VY015585.D

Acq: 15 Sep 2023 22:04

Instrument :

MSVOA_Y

ClientSampleId :

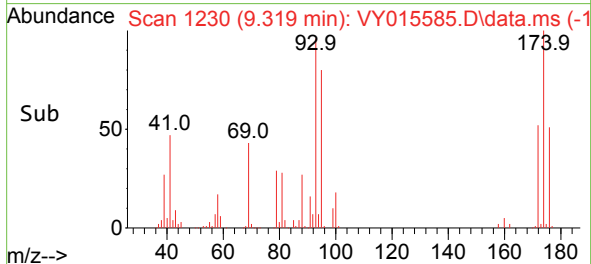
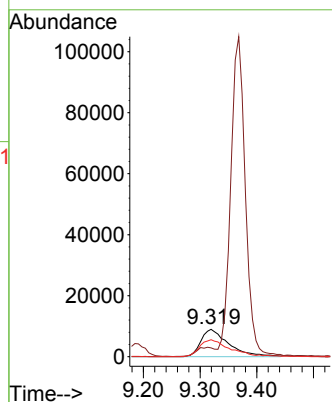
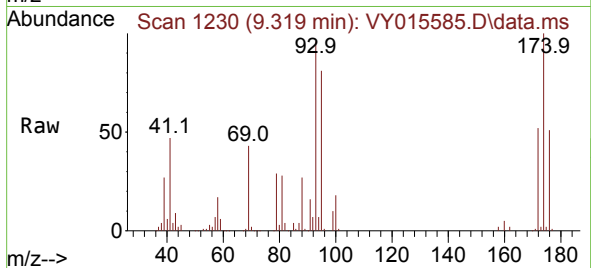
Tgt Ion: 88 Resp: 30528

Ion Ratio Lower Upper

88 100

43 21.2 0.0 0.0#

58 69.5 30.9 46.3#



#50

Toluene-d8

Concen: 44.461 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY015585.D

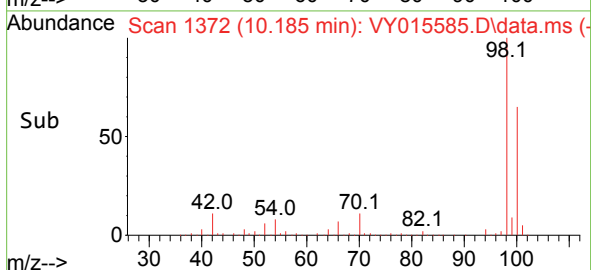
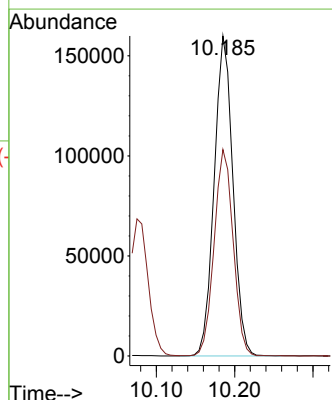
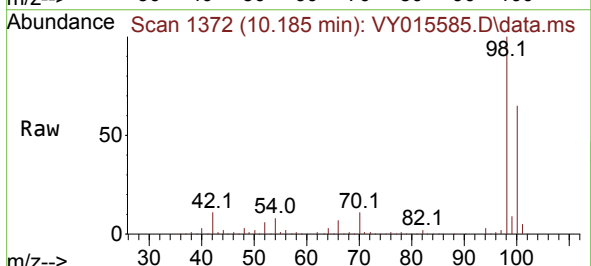
Acq: 15 Sep 2023 22:04

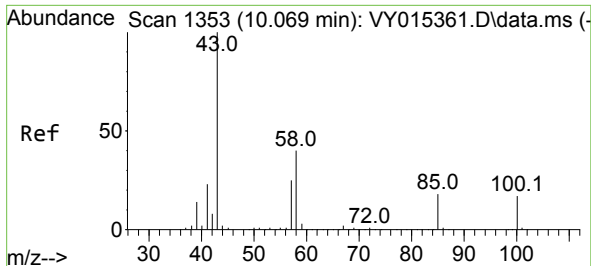
Tgt Ion: 98 Resp: 265664

Ion Ratio Lower Upper

98 100

100 65.4 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 315.082 ug/l

RT: 10.075 min Scan# 1353

Delta R.T. 0.006 min

Lab File: VY015585.D

Acq: 15 Sep 2023 22:04

Instrument :

MSVOA_Y

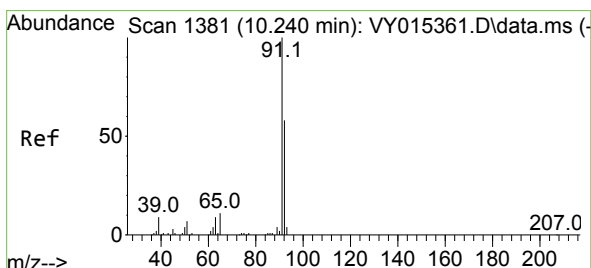
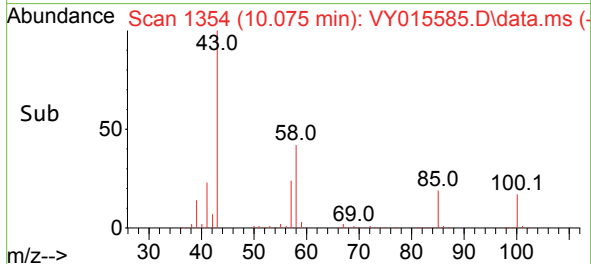
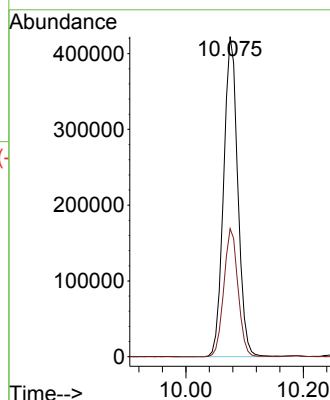
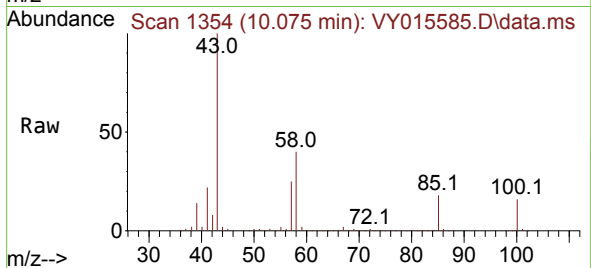
ClientSampleId :

Tgt Ion: 43 Resp: 707600

Ion Ratio Lower Upper

43 100

58 40.0 29.0 43.6



#52

Toluene

Concen: 51.379 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. 0.012 min

Lab File: VY015585.D

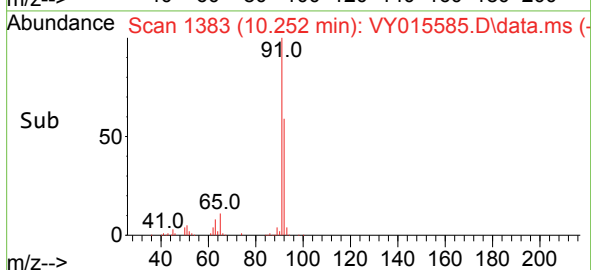
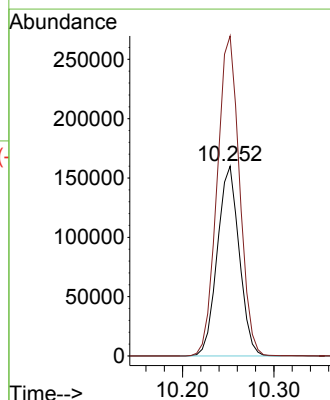
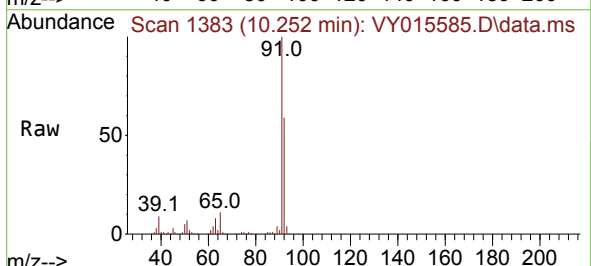
Acq: 15 Sep 2023 22:04

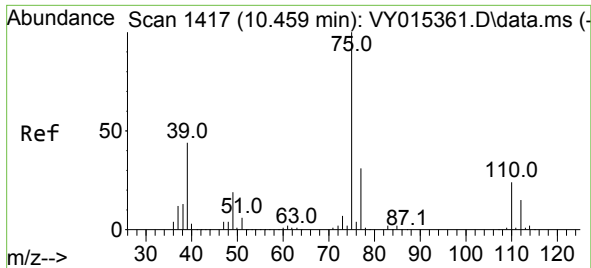
Tgt Ion: 92 Resp: 266183

Ion Ratio Lower Upper

92 100

91 172.5 143.8 215.6

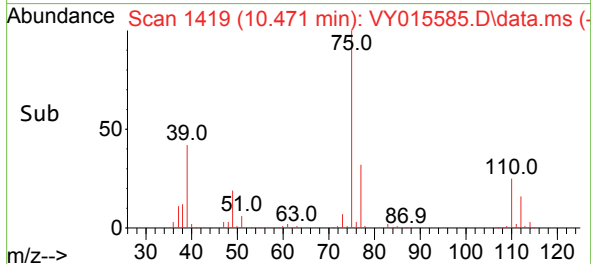
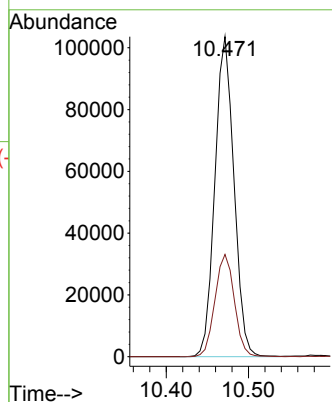
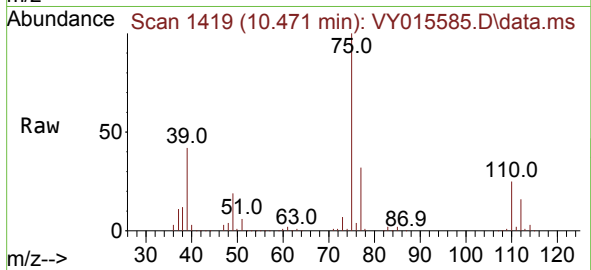




#53
 t-1,3-Dichloropropene
 Concen: 54.211 ug/l
 RT: 10.471 min Scan# 1417
 Delta R.T. 0.012 min
 Lab File: VY015585.D
 Acq: 15 Sep 2023 22:04

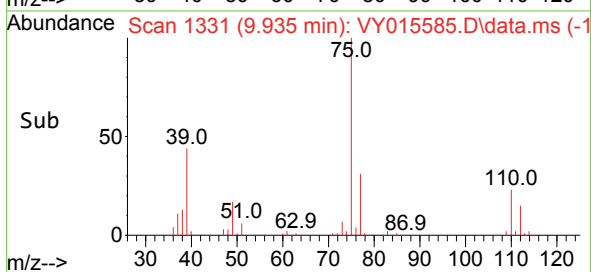
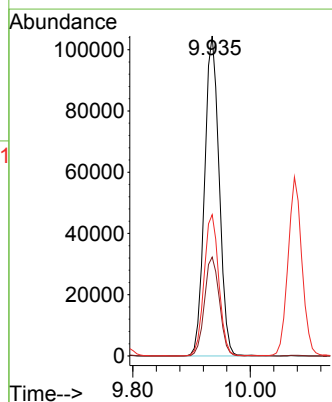
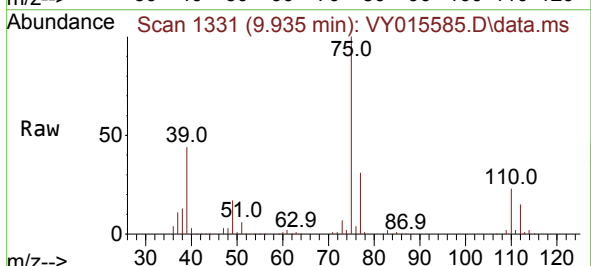
Instrument :
 MSVOA_Y
 ClientSampleId :

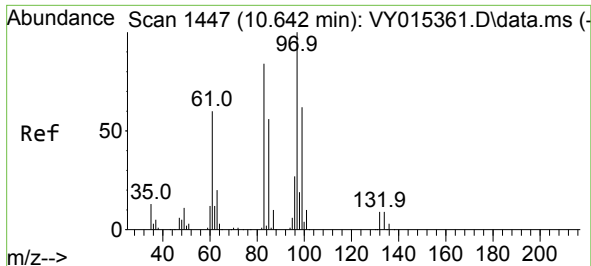
Tgt Ion: 75 Resp: 166766
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 53.949 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.012 min
 Lab File: VY015585.D
 Acq: 15 Sep 2023 22:04

Tgt Ion: 75 Resp: 180532
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.2 36.4
 39 44.1 42.2 63.4

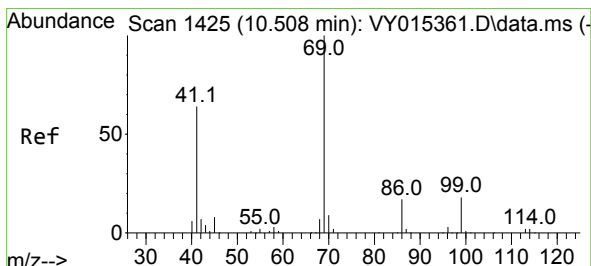
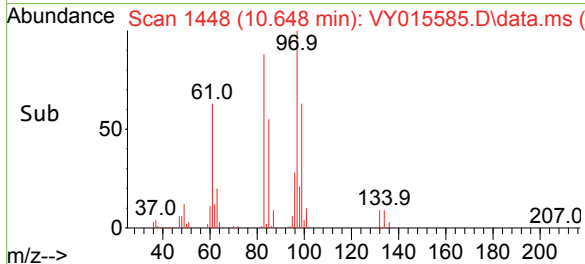
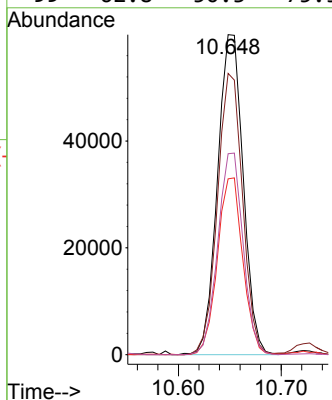
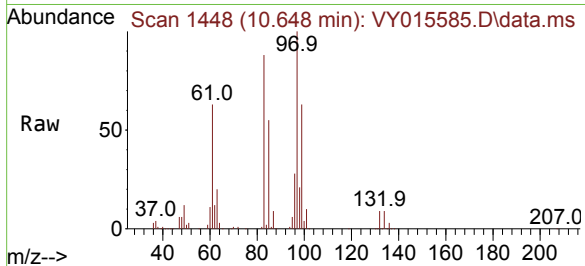




#55
 1,1,2-Trichloroethane
 Concen: 57.036 ug/l
 RT: 10.648 min Scan# 1448
 Delta R.T. 0.006 min
 Lab File: VY015585.D
 Acq: 15 Sep 2023 22:04

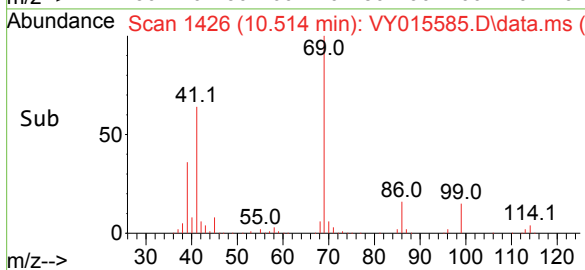
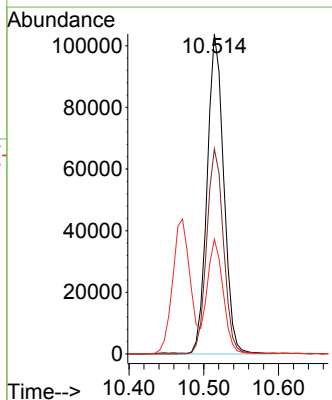
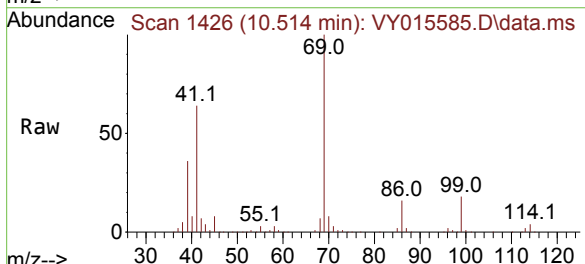
Instrument :
 MSVOA_Y
 ClientSampleId :

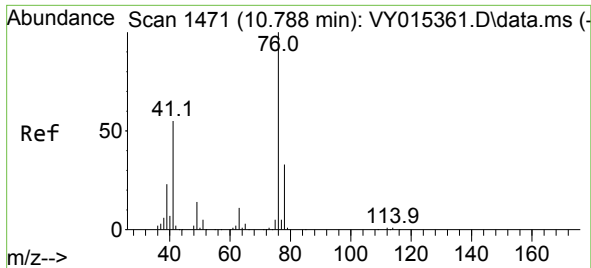
Tgt Ion:	97	Resp:	104020
Ion	Ratio	Lower	Upper
97	100		
83	87.9	72.0	108.0
85	54.9	45.4	68.0
99	62.8	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 59.371 ug/l
 RT: 10.514 min Scan# 1426
 Delta R.T. 0.006 min
 Lab File: VY015585.D
 Acq: 15 Sep 2023 22:04

Tgt Ion:	69	Resp:	160459
Ion	Ratio	Lower	Upper
69	100		
41	64.1	57.6	86.4
39	33.3	34.1	51.1#





#57

1,3-Dichloropropane

Concen: 55.889 ug/l

RT: 10.795 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY015585.D

Acq: 15 Sep 2023 22:04

Instrument :

MSVOA_Y

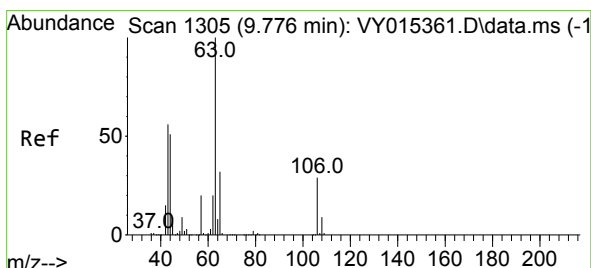
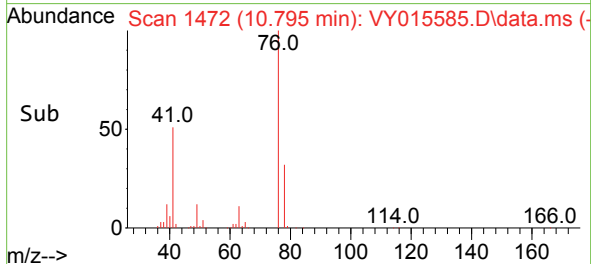
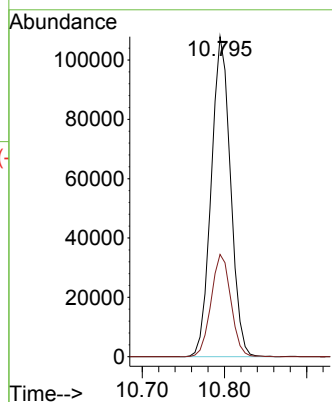
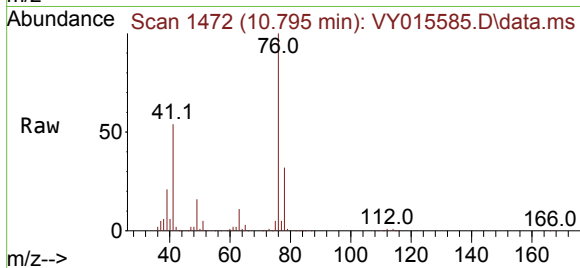
ClientSampleId :

Tgt Ion: 76 Resp: 175458

Ion Ratio Lower Upper

76 100

78 32.8 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 242.636 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.012 min

Lab File: VY015585.D

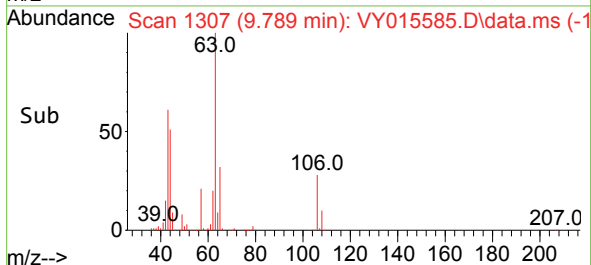
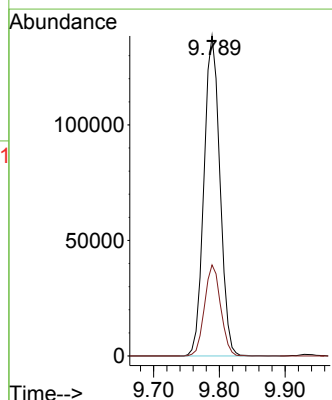
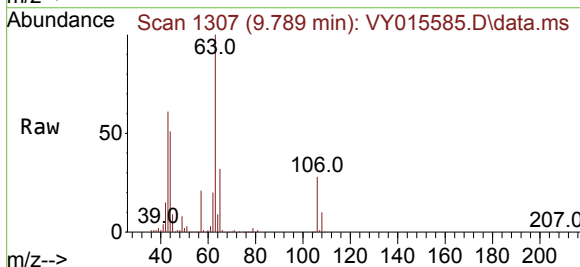
Acq: 15 Sep 2023 22:04

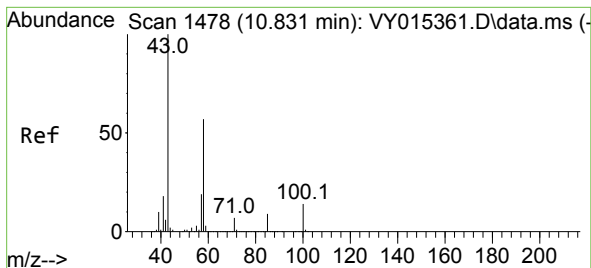
Tgt Ion: 63 Resp: 234063

Ion Ratio Lower Upper

63 100

106 28.6 21.2 31.8

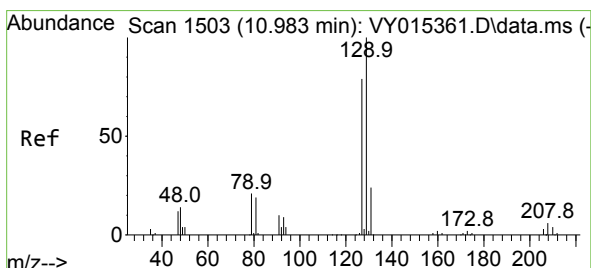
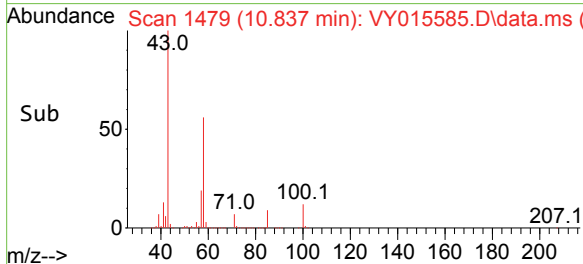
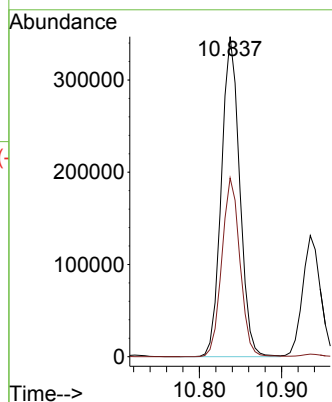
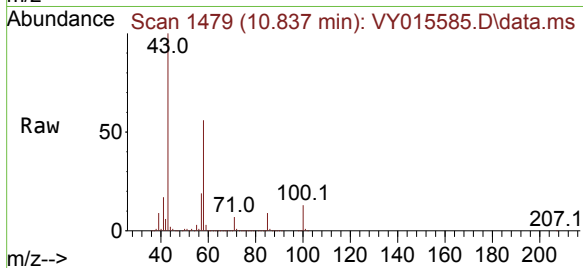




#59
2-Hexanone
Concen: 317.885 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY015585.D
Acq: 15 Sep 2023 22:04

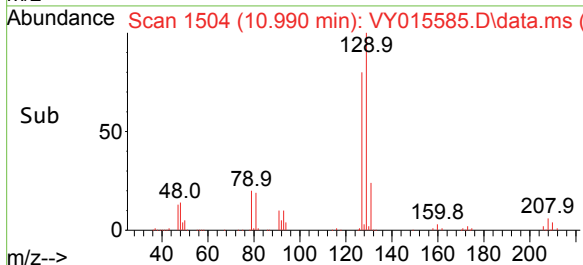
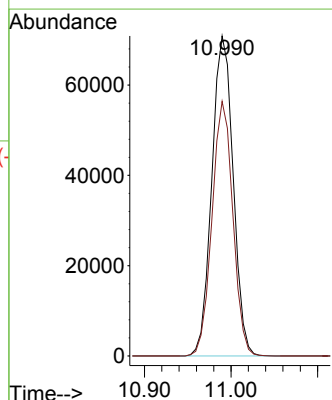
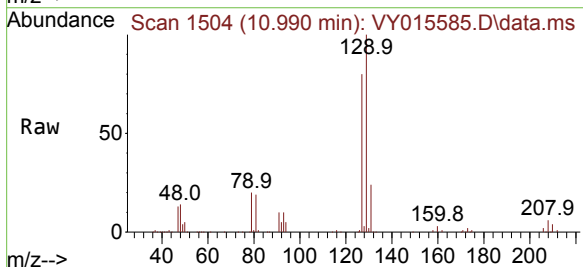
Instrument :
MSVOA_Y
ClientSampleId :

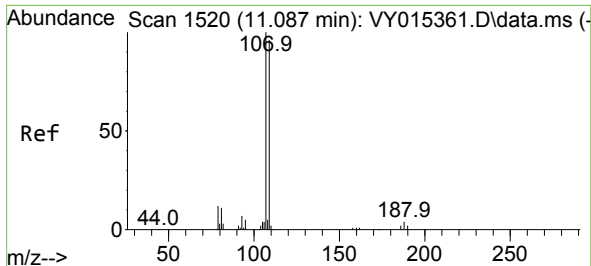
Tgt Ion: 43 Resp: 535670
Ion Ratio Lower Upper
43 100
58 55.4 25.1 75.3



#60
Dibromochloromethane
Concen: 56.779 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY015585.D
Acq: 15 Sep 2023 22:04

Tgt Ion: 129 Resp: 121202
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.5





#61

1,2-Dibromoethane

Concen: 56.706 ug/l

RT: 11.093 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015585.D

Acq: 15 Sep 2023 22:04

Instrument :

MSVOA_Y

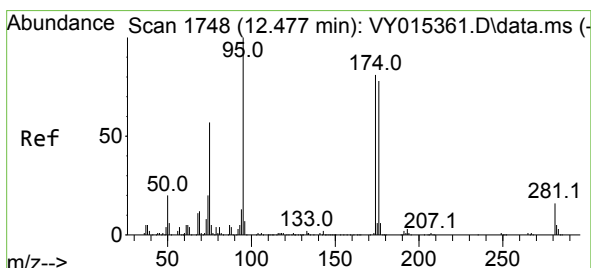
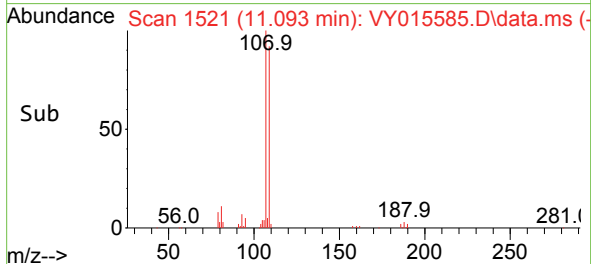
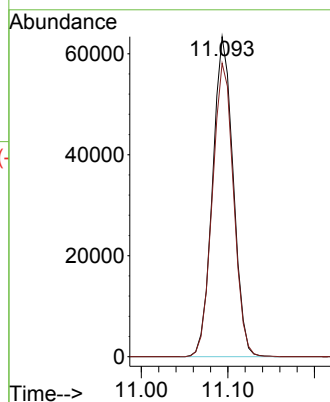
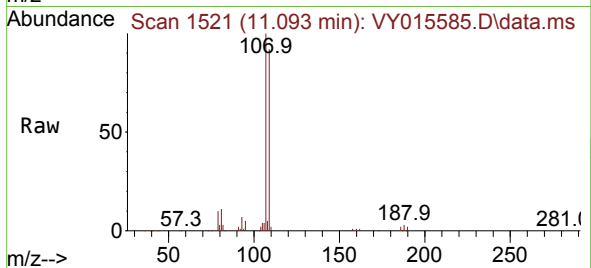
ClientSampleId :

Tgt Ion:107 Resp: 104792

Ion Ratio Lower Upper

107 100

109 94.0 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 47.522 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.012 min

Lab File: VY015585.D

Acq: 15 Sep 2023 22:04

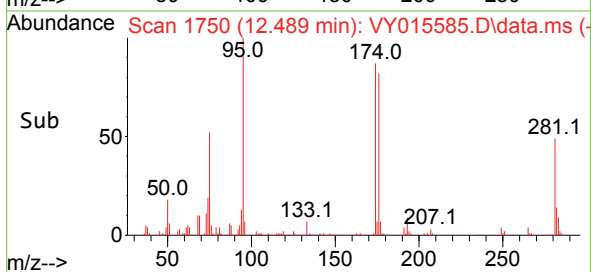
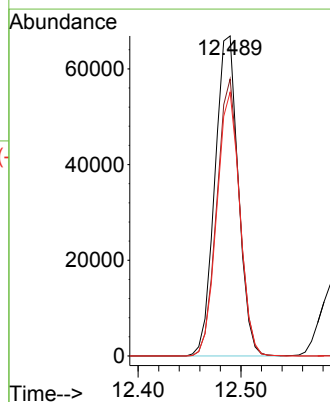
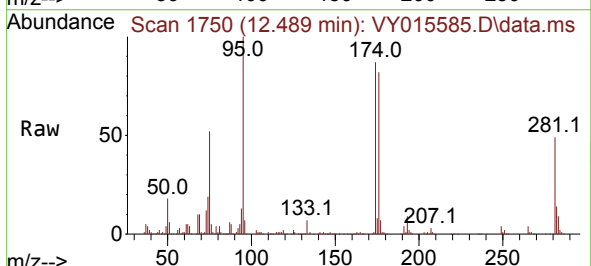
Tgt Ion: 95 Resp: 105414

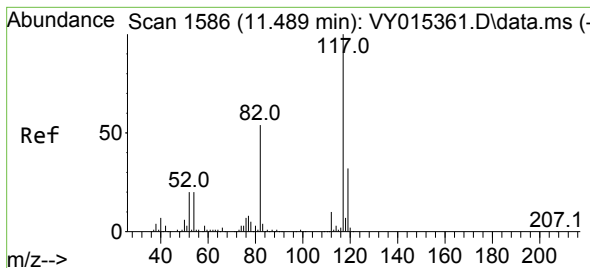
Ion Ratio Lower Upper

95 100

174 84.2 0.0 178.2

176 81.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

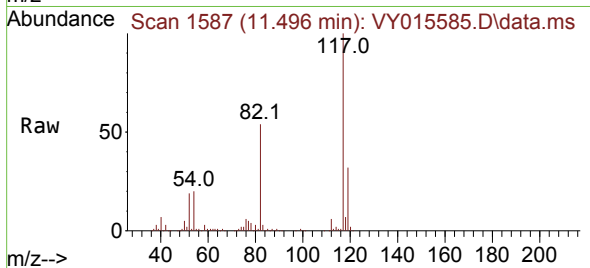
Lab File: VY015585.D

Acq: 15 Sep 2023 22:04

Instrument :

MSVOA_Y

ClientSampleId :



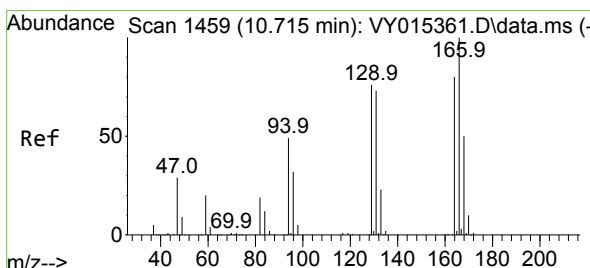
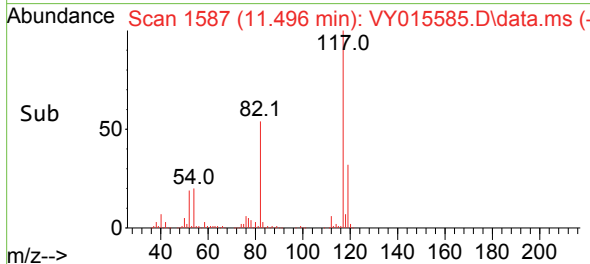
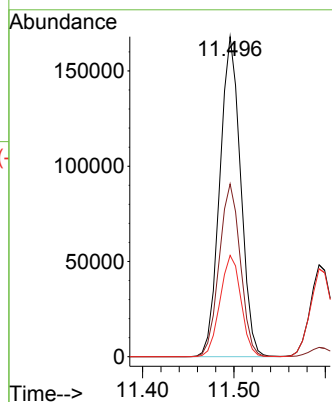
Tgt Ion:117 Resp: 266093

Ion Ratio Lower Upper

117 100

82 54.0 43.4 65.0

119 31.7 26.3 39.5



#64

Tetrachloroethene

Concen: 55.426 ug/l

RT: 10.728 min Scan# 1461

Delta R.T. 0.012 min

Lab File: VY015585.D

Acq: 15 Sep 2023 22:04

Tgt Ion:164 Resp: 133866

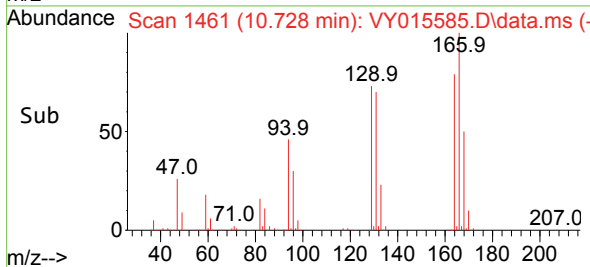
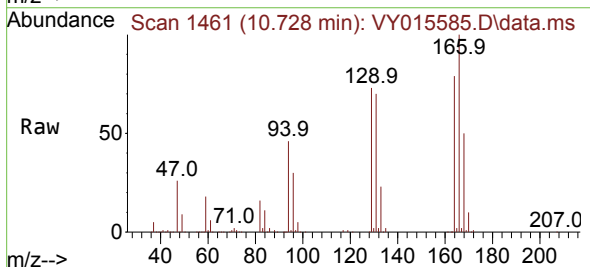
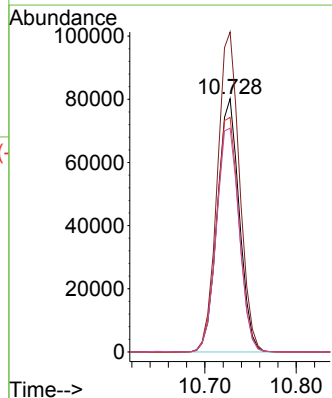
Ion Ratio Lower Upper

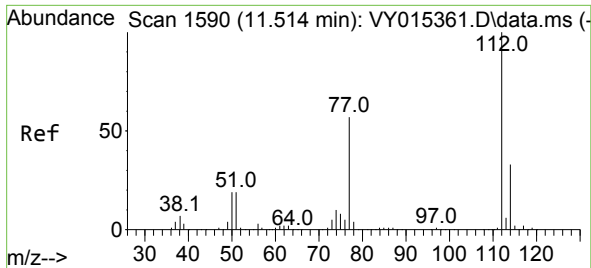
164 100

166 126.4 103.0 154.6

129 92.6 77.2 115.8

131 88.3 69.6 104.4

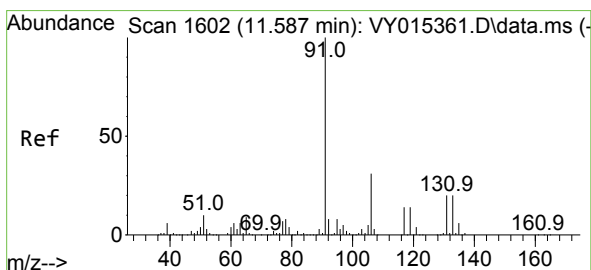
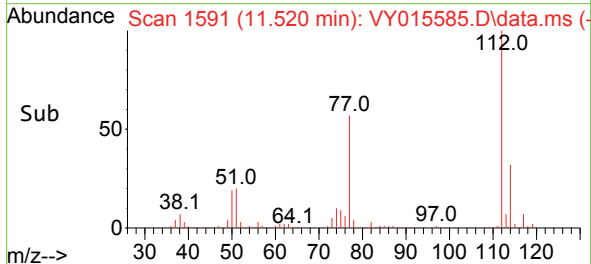
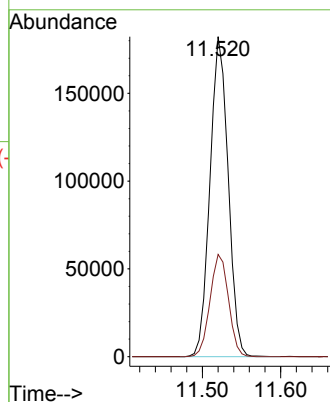
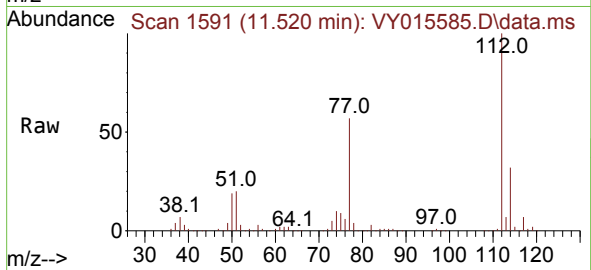




#65
Chlorobenzene
Concen: 51.243 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015585.D
Acq: 15 Sep 2023 22:04

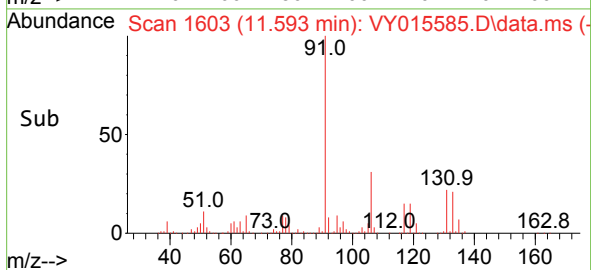
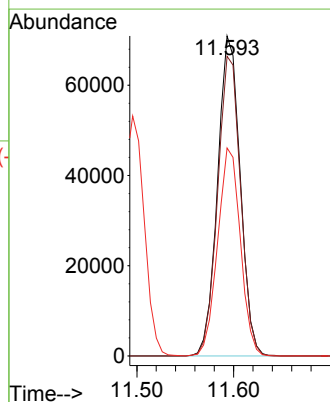
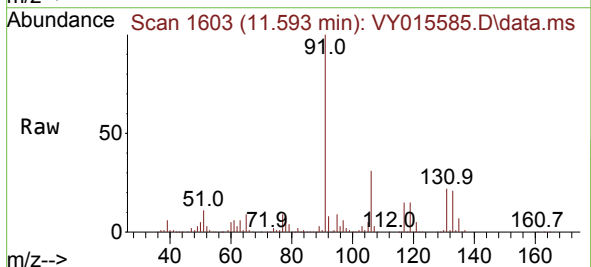
Instrument :
MSVOA_Y
ClientSampleId :

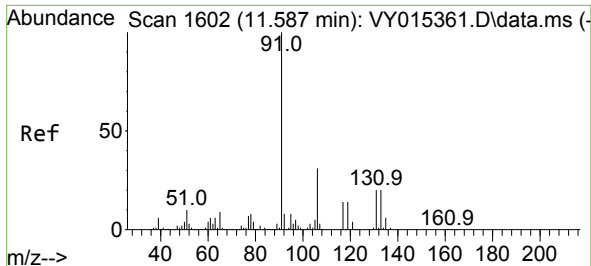
Tgt Ion:112 Resp: 293823
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 54.808 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015585.D
Acq: 15 Sep 2023 22:04

Tgt Ion:131 Resp: 115026
Ion Ratio Lower Upper
131 100
133 95.0 47.5 142.6
119 65.4 31.6 94.7





#67

Ethyl Benzene

Concen: 51.085 ug/l

RT: 11.599 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY015585.D

Acq: 15 Sep 2023 22:04

Instrument :

MSVOA_Y

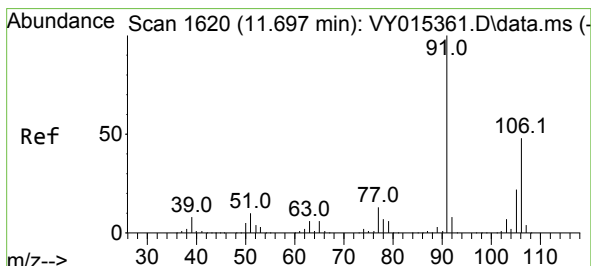
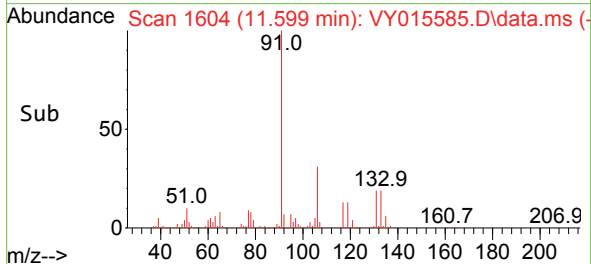
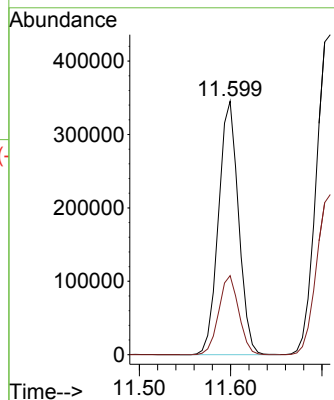
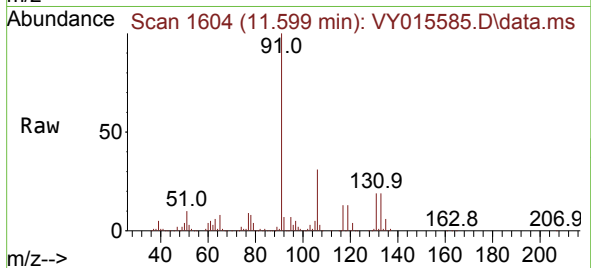
ClientSampleId :

Tgt Ion: 91 Resp: 525975

Ion Ratio Lower Upper

91 100

106 31.2 24.6 36.8



#68

m/p-Xylenes

Concen: 101.225 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.006 min

Lab File: VY015585.D

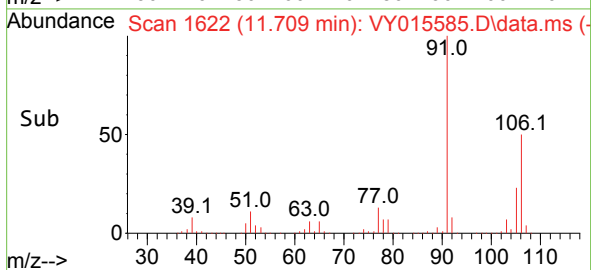
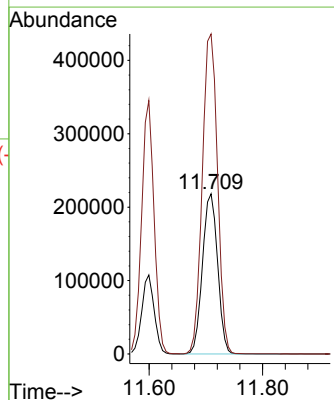
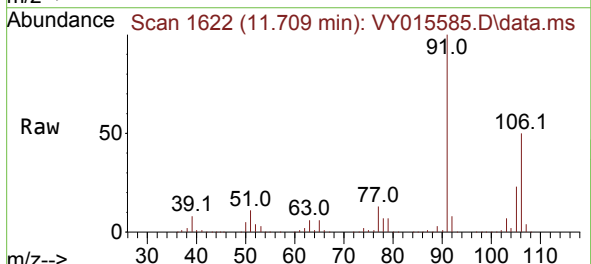
Acq: 15 Sep 2023 22:04

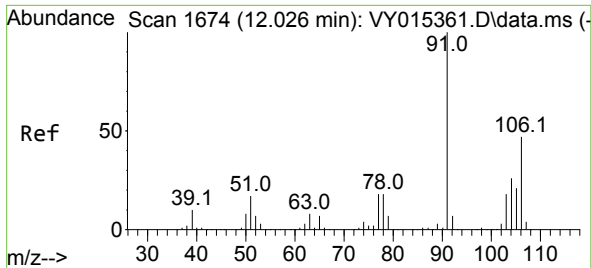
Tgt Ion:106 Resp: 403983

Ion Ratio Lower Upper

106 100

91 201.4 166.1 249.1

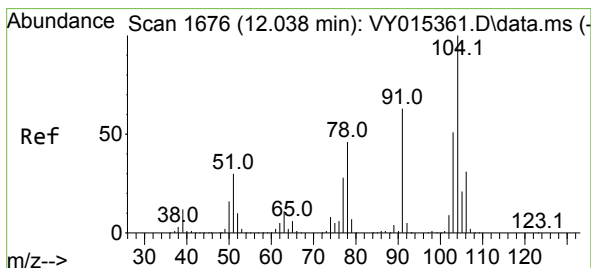
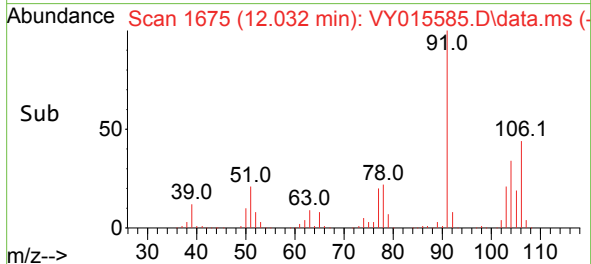
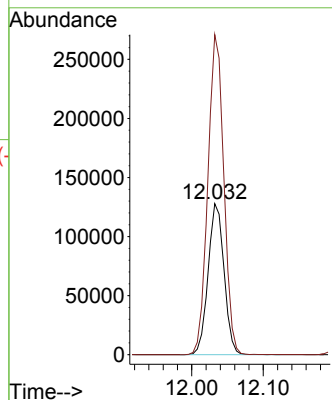
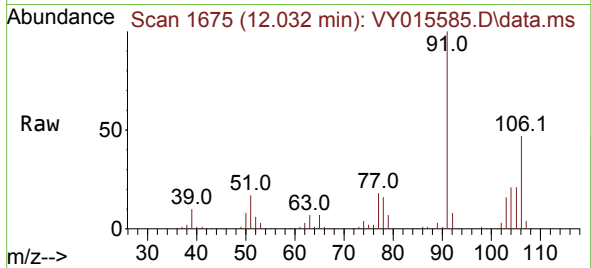




#69
o-Xylene
Concen: 51.843 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY015585.D
Acq: 15 Sep 2023 22:04

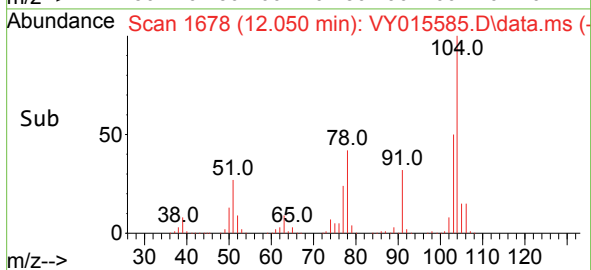
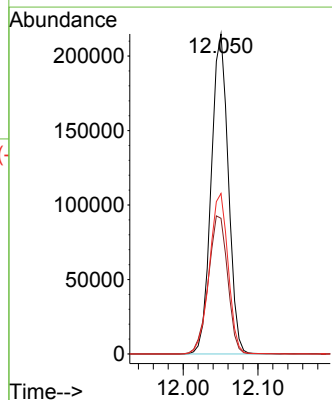
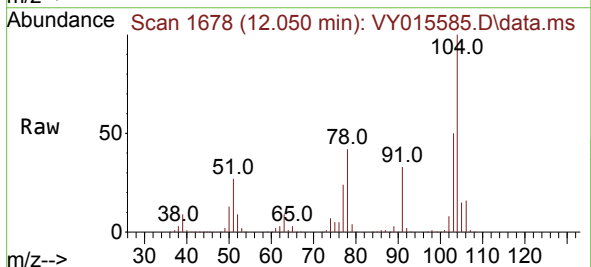
Instrument :
MSVOA_Y
ClientSampleId :

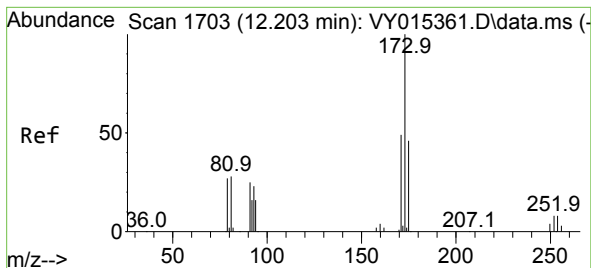
Tgt Ion:106 Resp: 197734
Ion Ratio Lower Upper
106 100
91 212.6 108.1 324.3



#70
Styrene
Concen: 53.299 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY015585.D
Acq: 15 Sep 2023 22:04

Tgt Ion:104 Resp: 341817
Ion Ratio Lower Upper
104 100
78 48.7 41.5 62.3
103 54.8 44.6 67.0





#71

Bromoform

Concen: 58.353 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.006 min

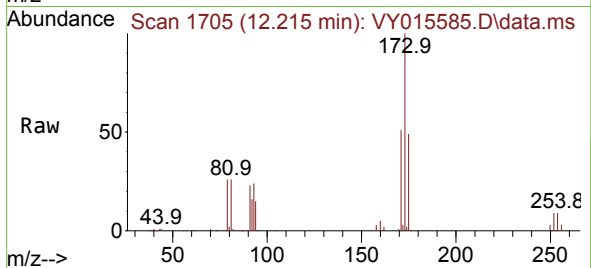
Lab File: VY015585.D

Acq: 15 Sep 2023 22:04

Instrument :

MSVOA_Y

ClientSampleId :



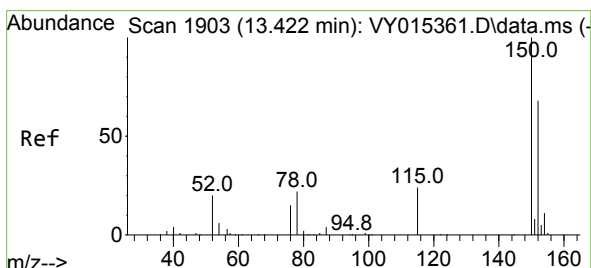
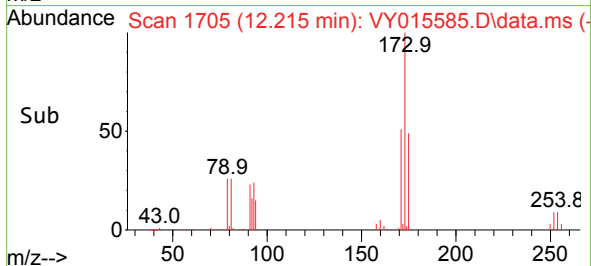
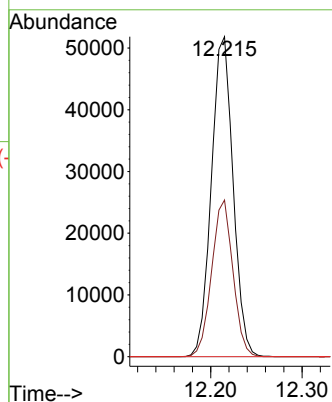
Tgt Ion:173 Resp: 85429

Ion Ratio Lower Upper

173 100

175 48.0 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015585.D

Acq: 15 Sep 2023 22:04

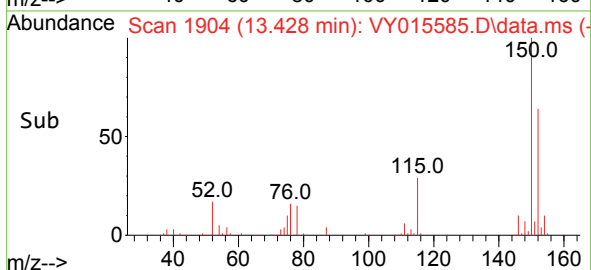
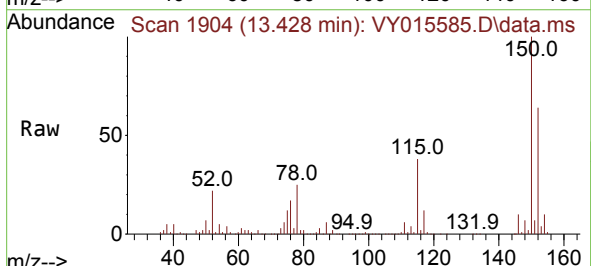
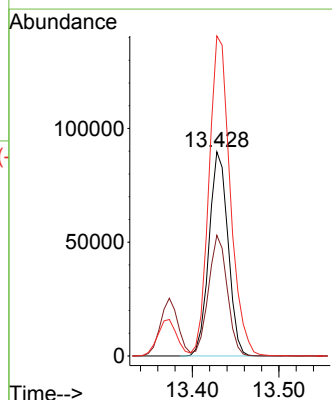
Tgt Ion:152 Resp: 136873

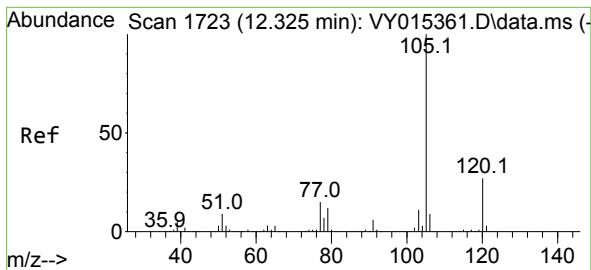
Ion Ratio Lower Upper

152 100

115 58.5 28.8 86.5

150 175.1 0.0 348.8





#73

Isopropylbenzene

Concen: 50.488 ug/l

RT: 12.337 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY015585.D

Acq: 15 Sep 2023 22:04

Instrument :

MSVOA_Y

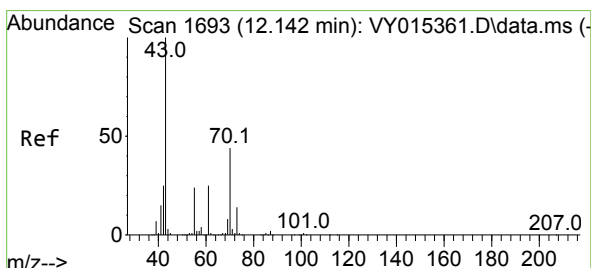
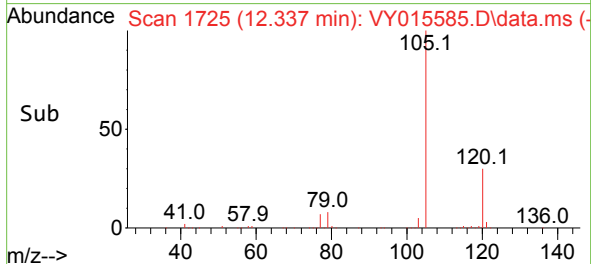
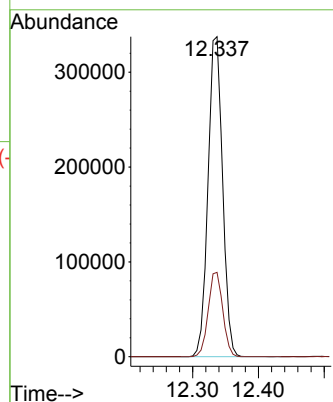
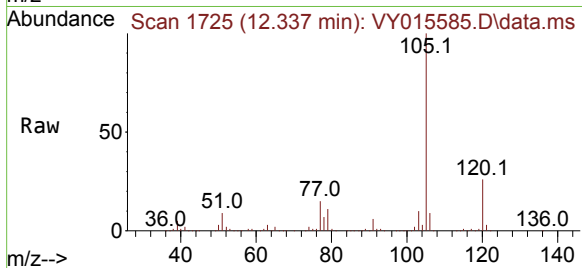
ClientSampleId :

Tgt Ion:105 Resp: 519062

Ion Ratio Lower Upper

105 100

120 26.3 13.3 39.9



#74

N-ethyl acetate

Concen: 57.766 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY015585.D

Acq: 15 Sep 2023 22:04

Tgt Ion: 43 Resp: 199527

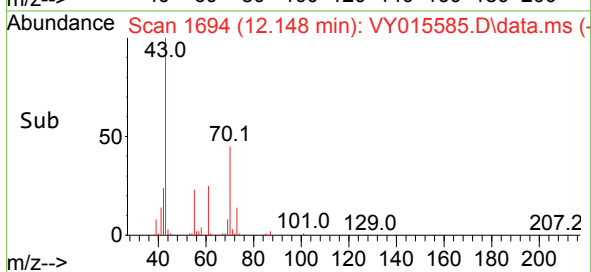
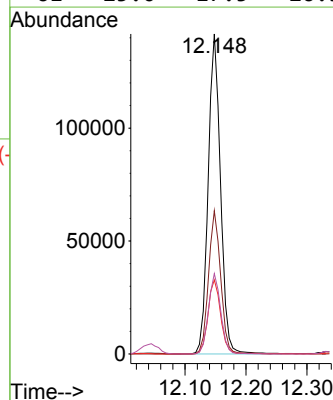
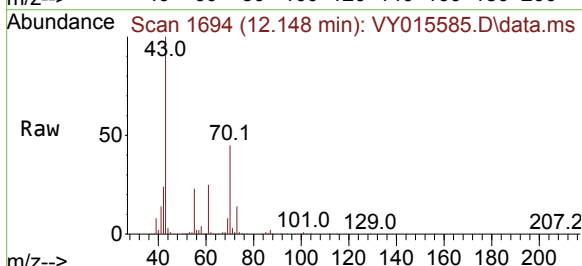
Ion Ratio Lower Upper

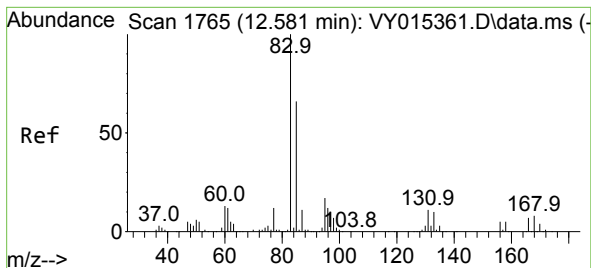
43 100

70 43.9 29.7 44.5

55 23.6 18.3 27.5

61 25.0 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 56.967 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.006 min

Lab File: VY015585.D

Acq: 15 Sep 2023 22:04

Instrument :

MSVOA_Y

ClientSampleId :

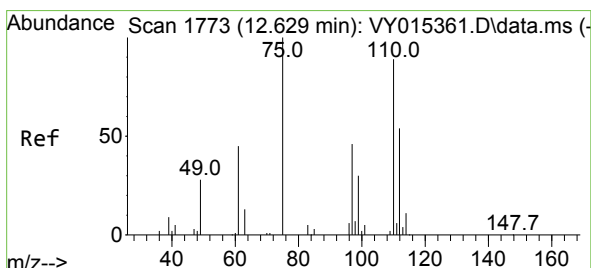
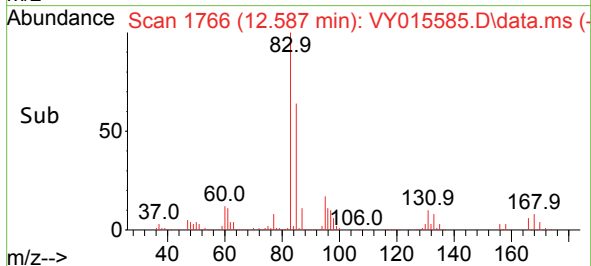
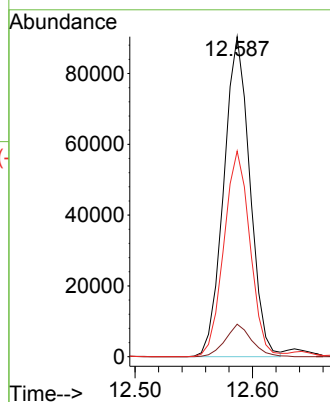
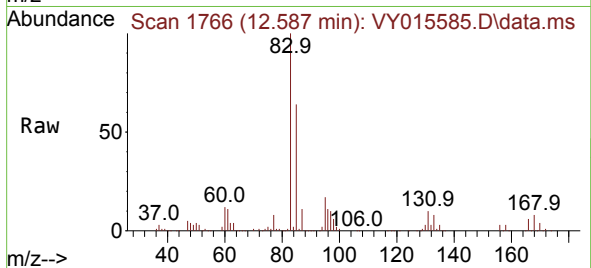
Tgt Ion: 83 Resp: 139811

Ion Ratio Lower Upper

83 100

131 10.2 5.4 16.2

85 64.3 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 102.641 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY015585.D

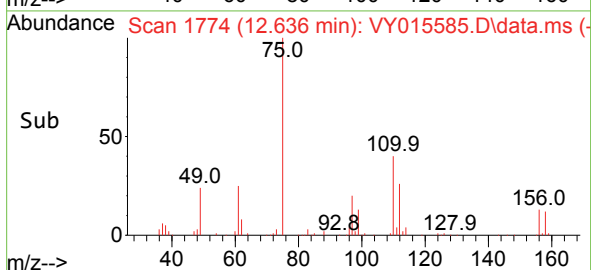
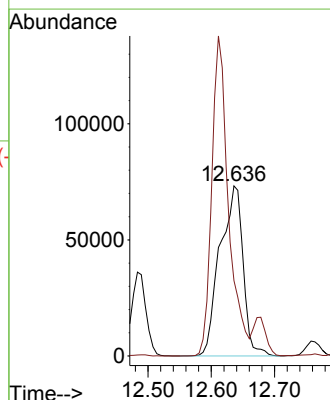
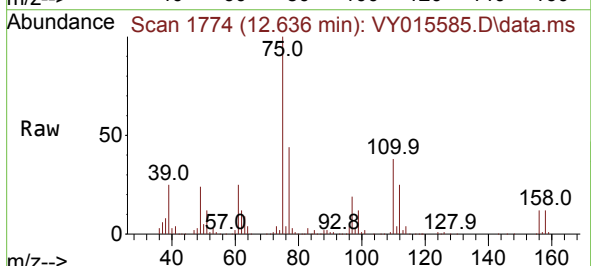
Acq: 15 Sep 2023 22:04

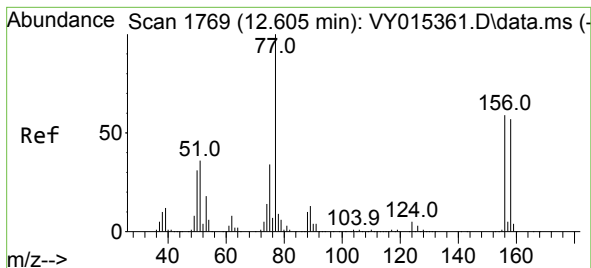
Tgt Ion: 75 Resp: 186302

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.800 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY015585.D

Acq: 15 Sep 2023 22:04

Instrument :

MSVOA_Y

ClientSampleId :

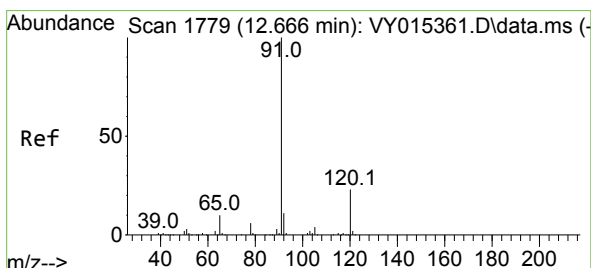
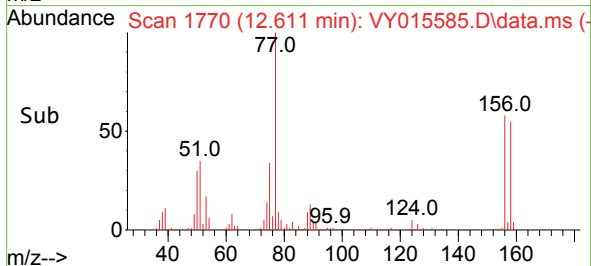
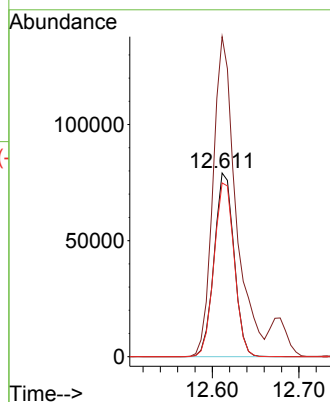
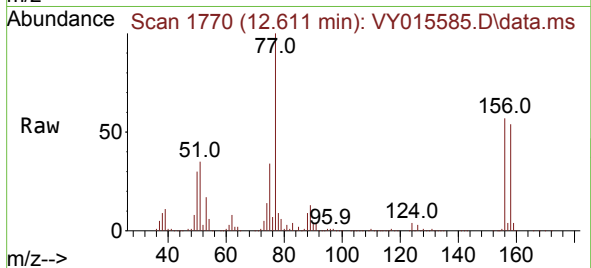
Tgt Ion:156 Resp: 126134

Ion Ratio Lower Upper

156 100

77 200.4 92.8 278.6

158 96.6 48.4 145.3



#78

n-propylbenzene

Concen: 50.482 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.012 min

Lab File: VY015585.D

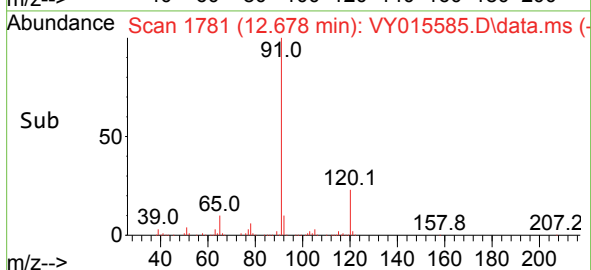
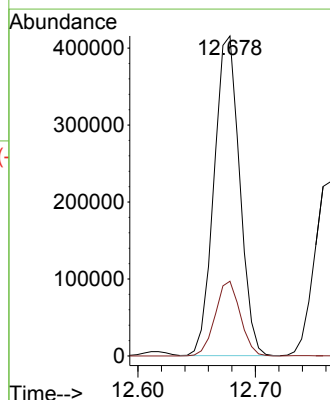
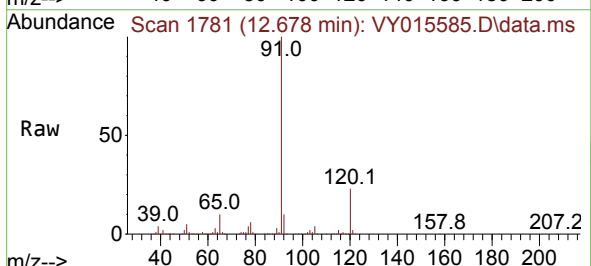
Acq: 15 Sep 2023 22:04

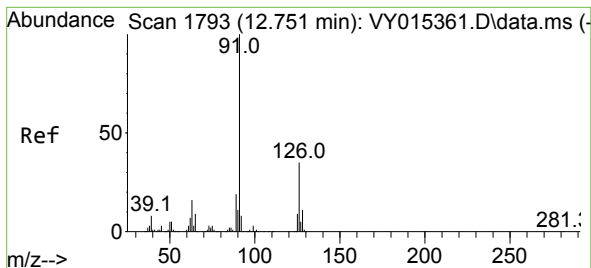
Tgt Ion: 91 Resp: 628007

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4

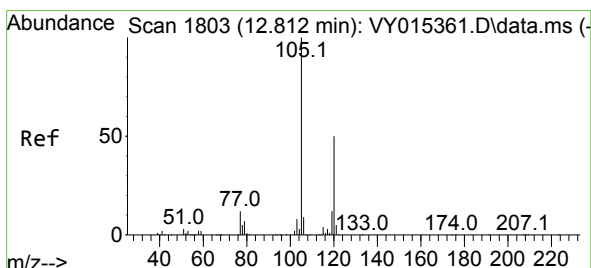
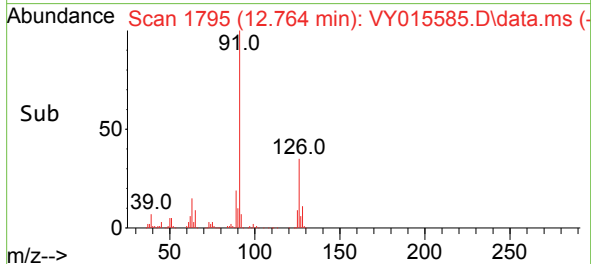
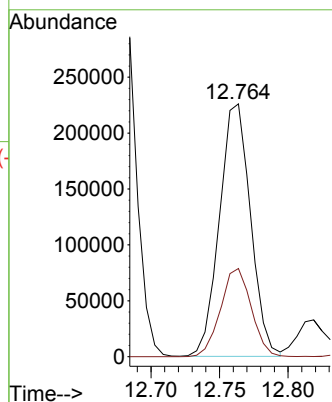
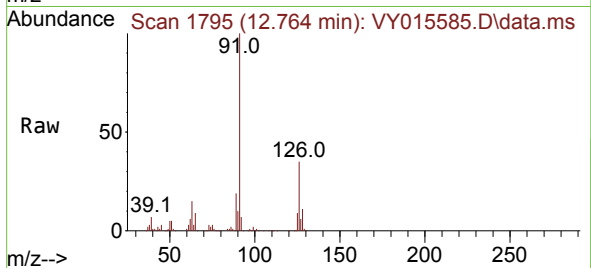




#79
2-Chlorotoluene
Concen: 51.133 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.012 min
Lab File: VY015585.D
Acq: 15 Sep 2023 22:04

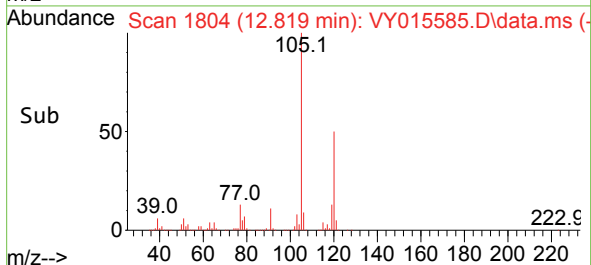
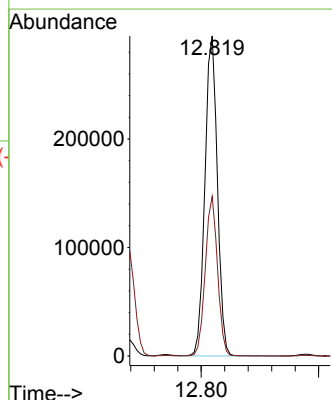
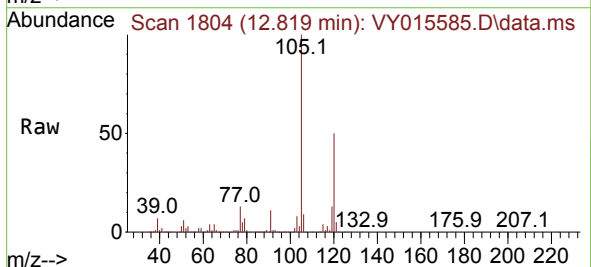
Instrument :
MSVOA_Y
ClientSampleId :

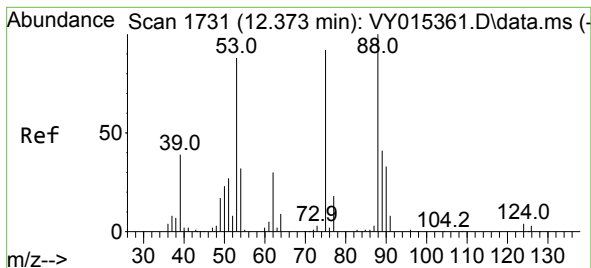
Tgt Ion: 91 Resp: 356782
Ion Ratio Lower Upper
91 100
126 34.5 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 50.594 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY015585.D
Acq: 15 Sep 2023 22:04

Tgt Ion: 105 Resp: 435072
Ion Ratio Lower Upper
105 100
120 49.1 23.9 71.7

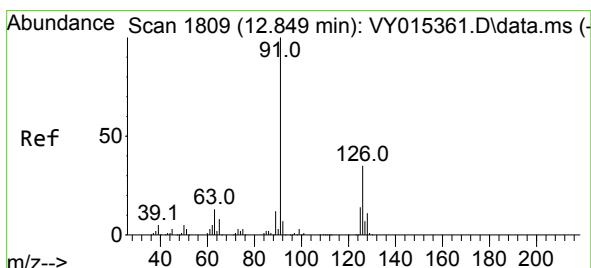
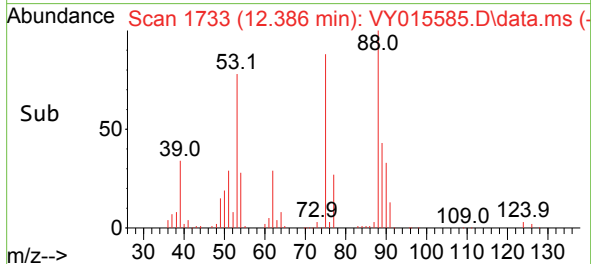
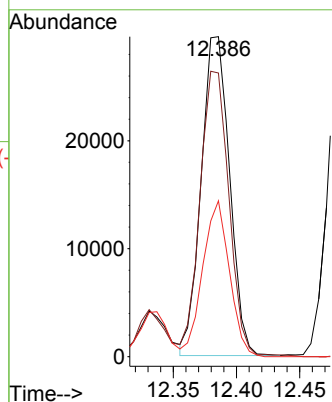
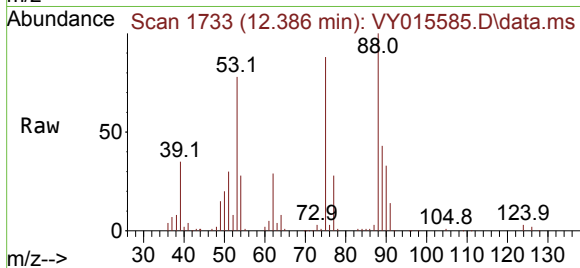




#81
trans-1,4-Dichloro-2-butene
Concen: 56.100 ug/l
RT: 12.386 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015585.D
Acq: 15 Sep 2023 22:04

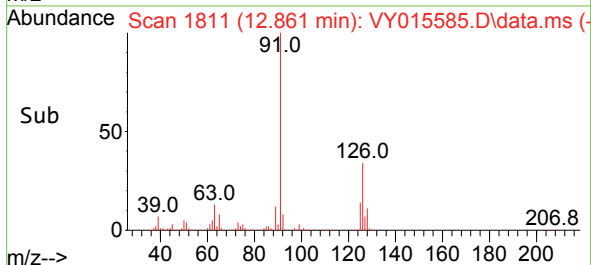
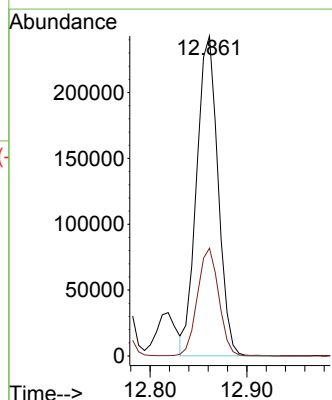
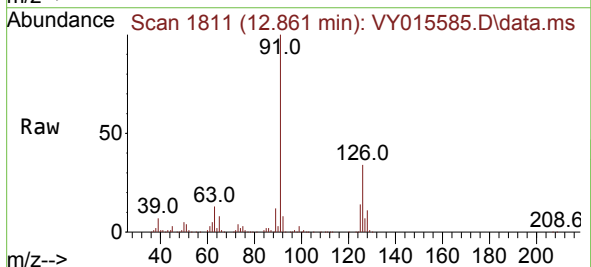
Instrument :
MSVOA_Y
ClientSampleId :

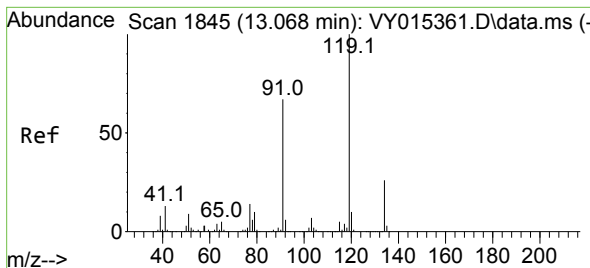
Tgt Ion: 75 Resp: 46161
Ion Ratio Lower Upper
75 100
53 91.3 77.8 116.8
89 46.1 37.4 56.0



#82
4-Chlorotoluene
Concen: 51.458 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.012 min
Lab File: VY015585.D
Acq: 15 Sep 2023 22:04

Tgt Ion: 91 Resp: 373159
Ion Ratio Lower Upper
91 100
126 33.7 17.2 51.6





#83

tert-Butylbenzene

Concen: 50.131 ug/l

RT: 13.081 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VY015585.D

Acq: 15 Sep 2023 22:04

Instrument :

MSVOA_Y

ClientSampleId :

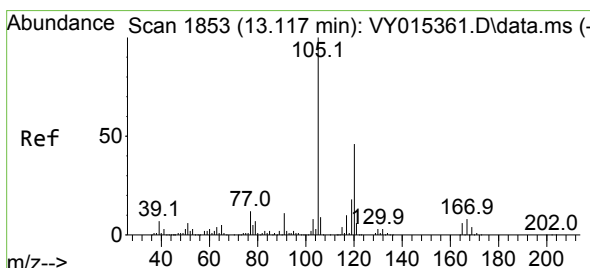
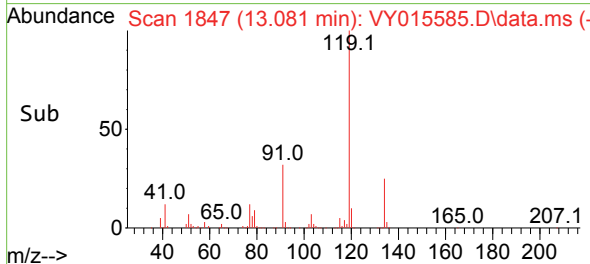
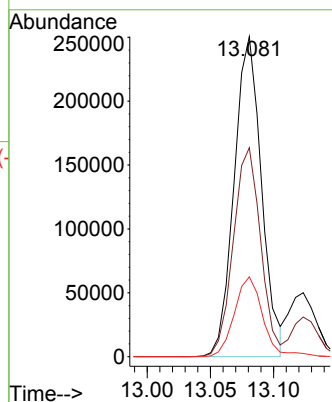
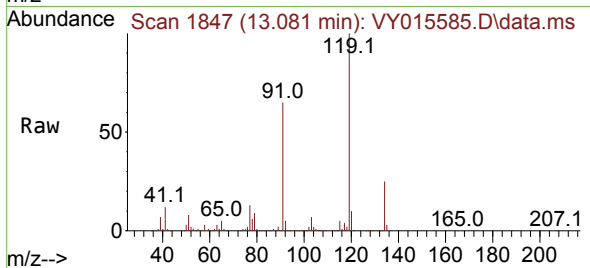
Tgt Ion:119 Resp: 377584

Ion Ratio Lower Upper

119 100

91 65.2 32.9 98.6

134 26.0 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 51.182 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY015585.D

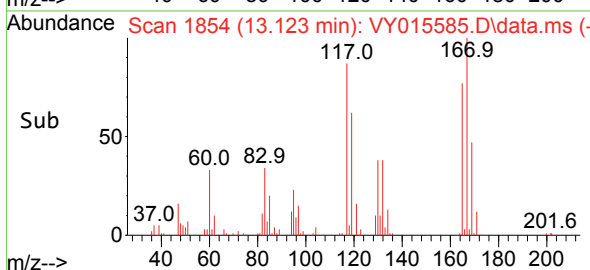
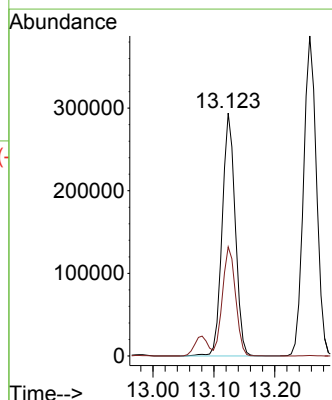
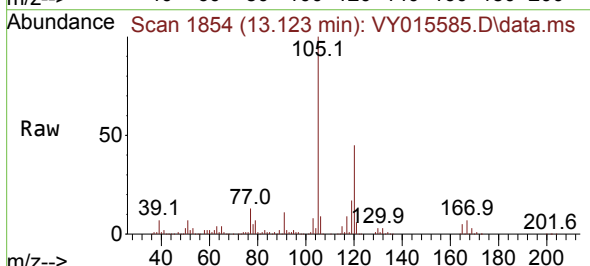
Acq: 15 Sep 2023 22:04

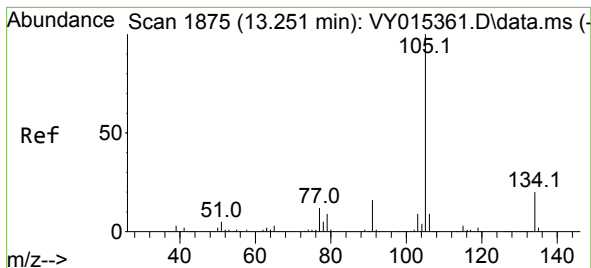
Tgt Ion:105 Resp: 437001

Ion Ratio Lower Upper

105 100

120 45.0 22.2 66.6





#85

sec-Butylbenzene

Concen: 50.795 ug/l

RT: 13.258 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY015585.D

Acq: 15 Sep 2023 22:04

Instrument :

MSVOA_Y

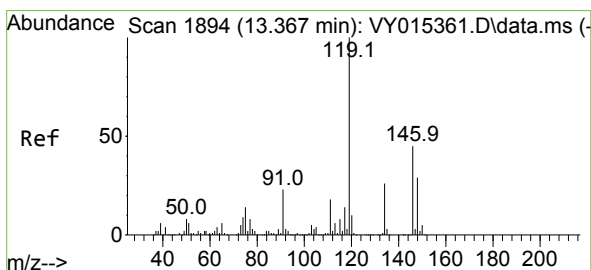
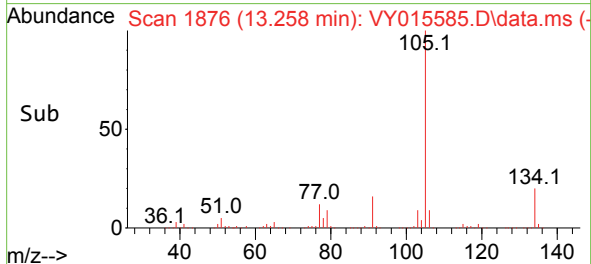
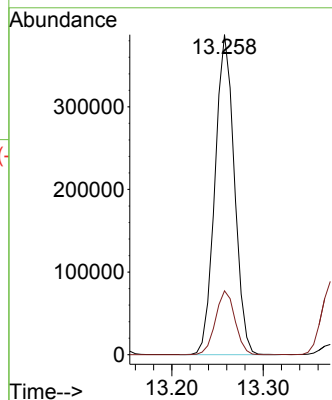
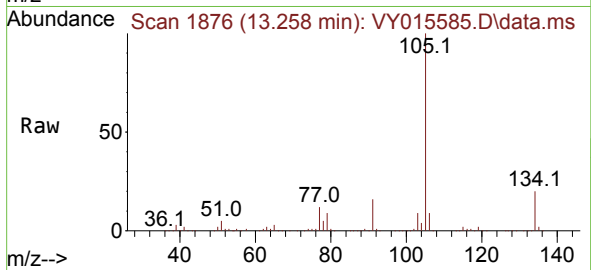
ClientSampleId :

Tgt Ion:105 Resp: 570640

Ion Ratio Lower Upper

105 100

134 20.1 10.2 30.6



#86

p-Isopropyltoluene

Concen: 50.605 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY015585.D

Acq: 15 Sep 2023 22:04

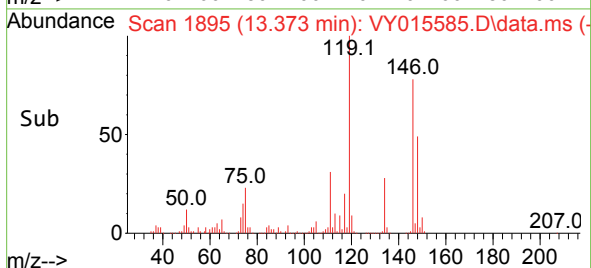
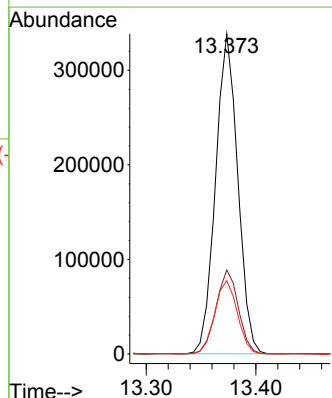
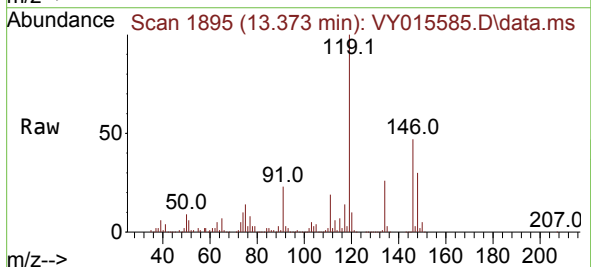
Tgt Ion:119 Resp: 476480

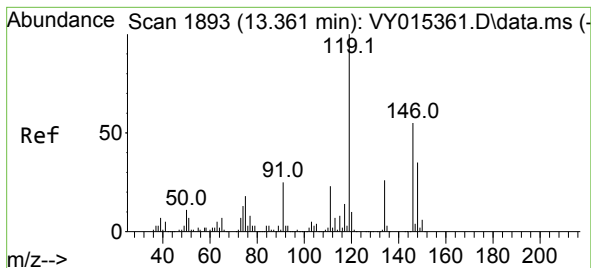
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.8

91 23.3 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 51.362 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.012 min

Lab File: VY015585.D

Acq: 15 Sep 2023 22:04

Instrument :

MSVOA_Y

ClientSampleId :

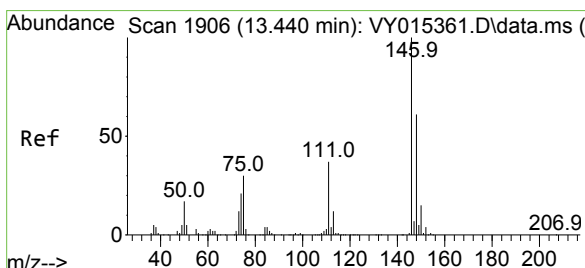
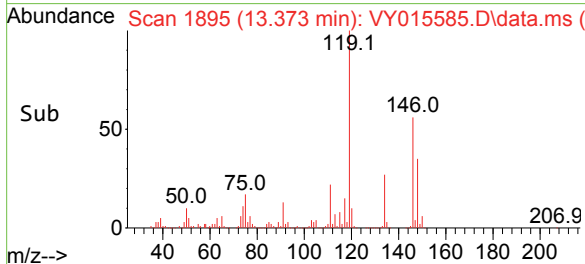
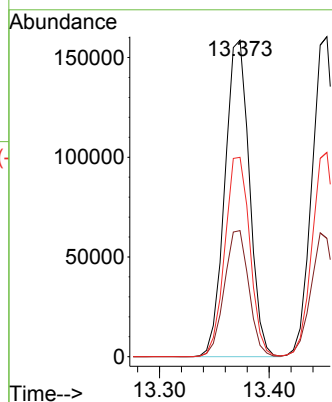
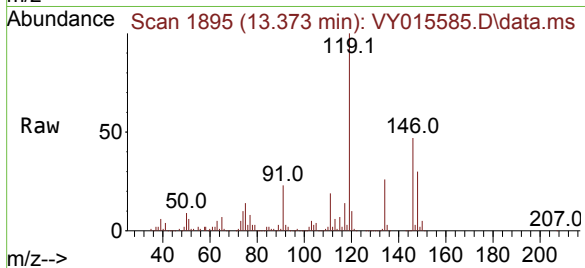
Tgt Ion:146 Resp: 246905

Ion Ratio Lower Upper

146 100

111 39.8 19.4 58.2

148 64.1 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 51.044 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY015585.D

Acq: 15 Sep 2023 22:04

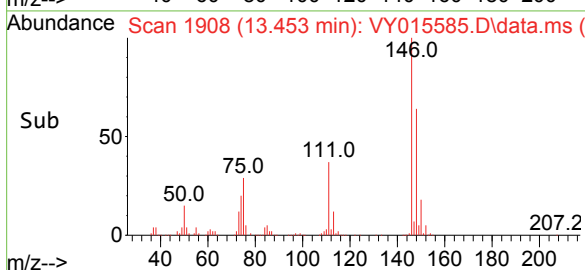
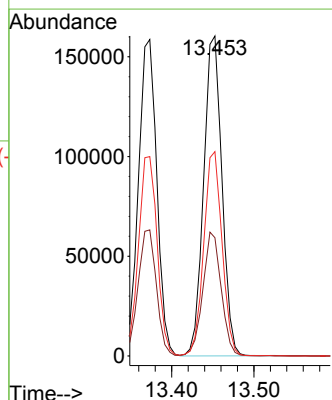
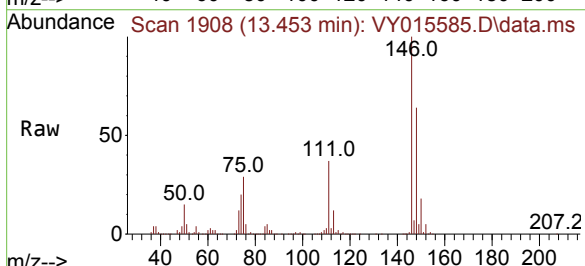
Tgt Ion:146 Resp: 248038

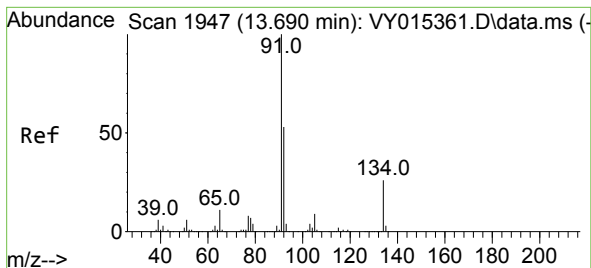
Ion Ratio Lower Upper

146 100

111 38.8 18.9 56.7

148 64.1 32.1 96.5





#89

n-Butylbenzene

Concen: 49.895 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY015585.D

Acq: 15 Sep 2023 22:04

Instrument :

MSVOA_Y

ClientSampleId :

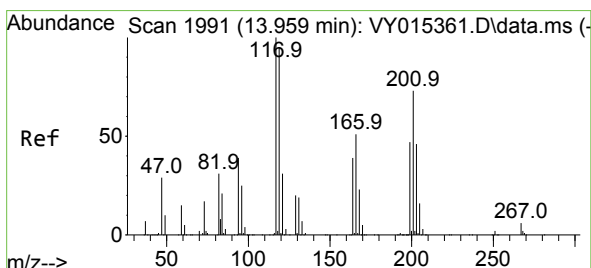
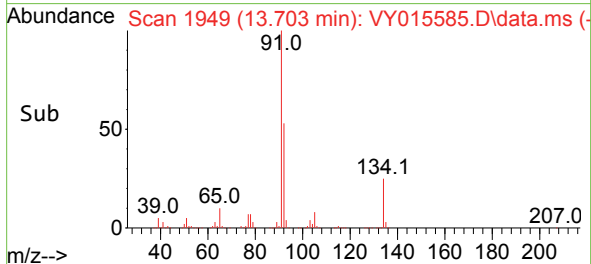
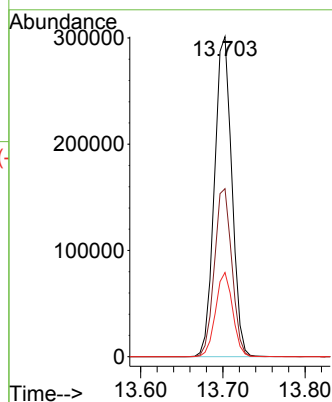
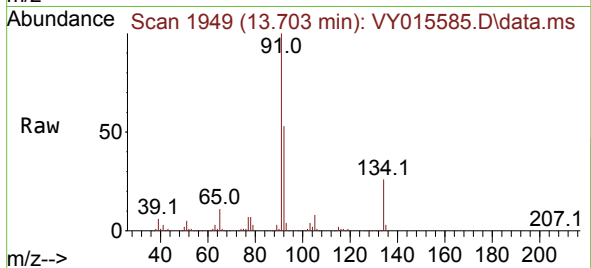
Tgt Ion: 91 Resp: 442172

Ion Ratio Lower Upper

91 100

92 52.8 25.4 76.0

134 25.9 12.6 37.6



#90

Hexachloroethane

Concen: 53.844 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY015585.D

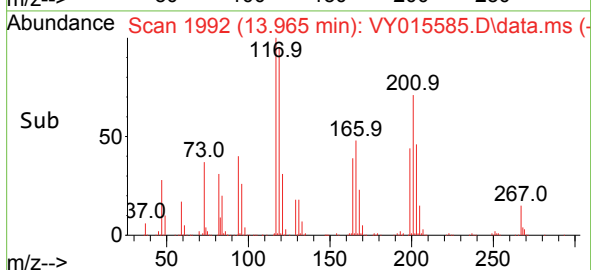
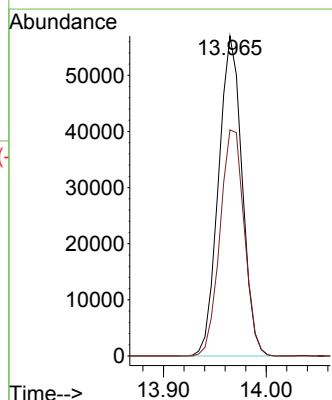
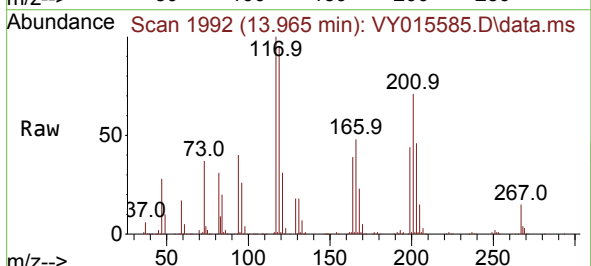
Acq: 15 Sep 2023 22:04

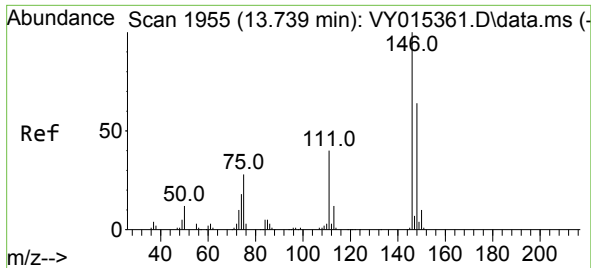
Tgt Ion: 117 Resp: 90671

Ion Ratio Lower Upper

117 100

201 73.0 41.6 124.8

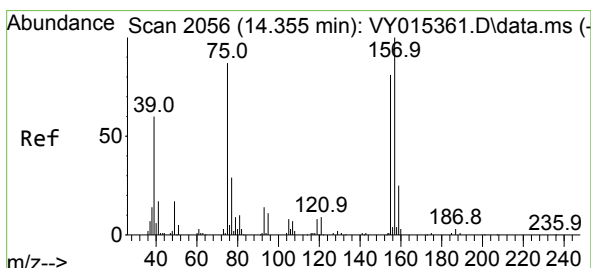
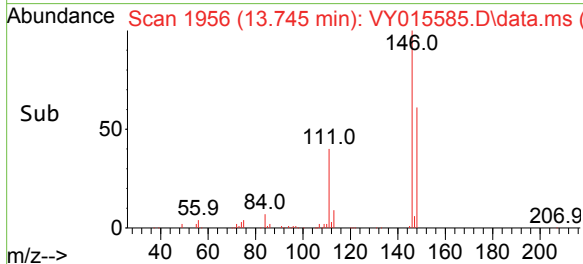
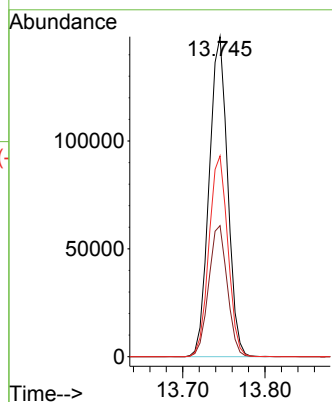
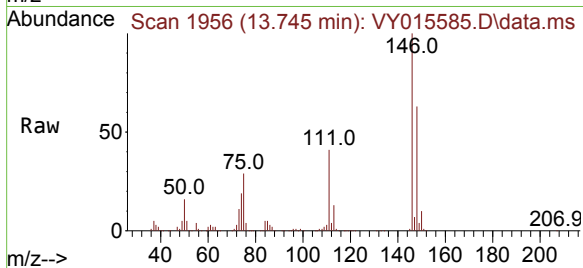




#91
1,2-Dichlorobenzene
Concen: 52.752 ug/l
RT: 13.745 min Scan# 1955
Delta R.T. 0.006 min
Lab File: VY015585.D
Acq: 15 Sep 2023 22:04

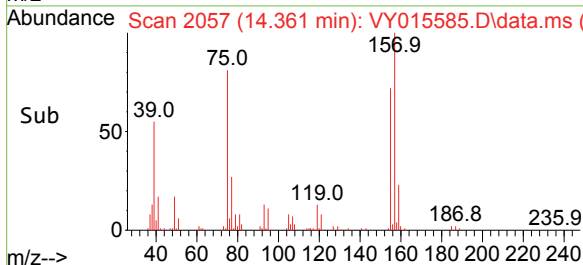
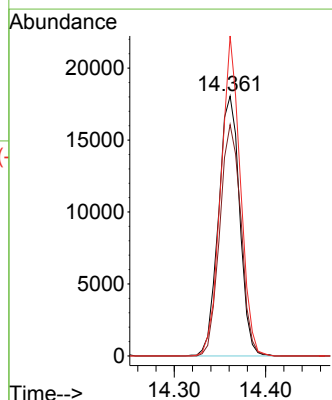
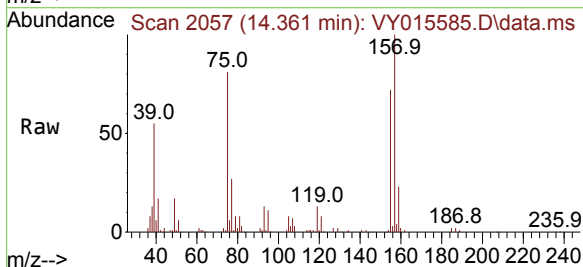
Instrument :
MSVOA_Y
ClientSampleId :

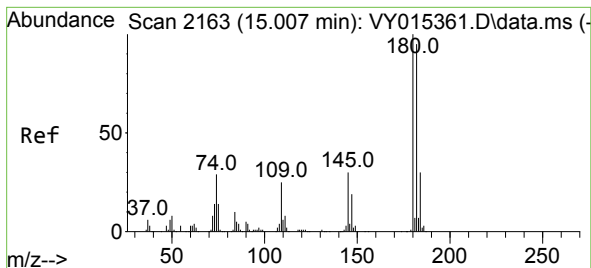
Tgt Ion:	146	Resp:	231423
Ion	Ratio	Lower	Upper
146	100		
111	41.3	19.7	59.0
148	63.9	32.0	96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 59.679 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY015585.D
Acq: 15 Sep 2023 22:04

Tgt Ion:	75	Resp:	28974
Ion	Ratio	Lower	Upper
75	100		
155	89.0	41.5	124.6
157	113.9	51.8	155.5





#93

1,2,4-Trichlorobenzene

Concen: 52.380 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.012 min

Lab File: VY015585.D

Acq: 15 Sep 2023 22:04

Instrument :

MSVOA_Y

ClientSampleId :

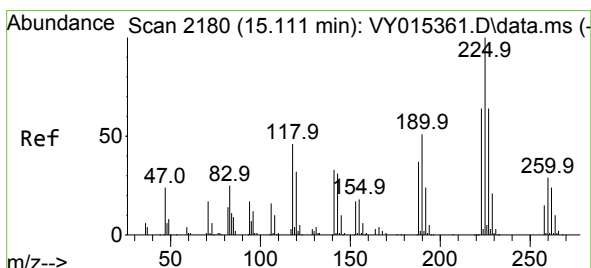
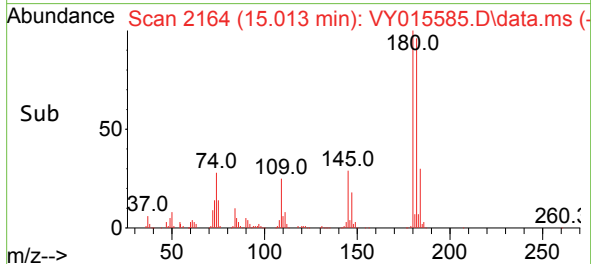
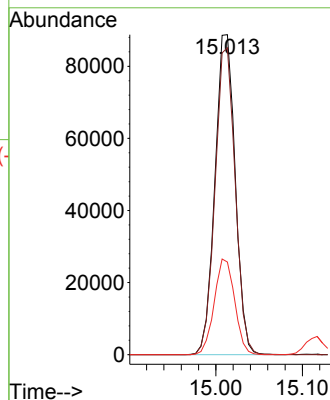
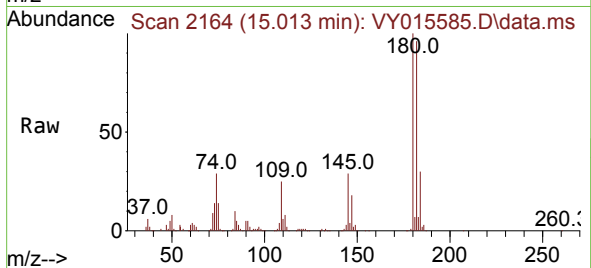
Tgt Ion:180 Resp: 144309

Ion Ratio Lower Upper

180 100

182 95.4 47.0 141.2

145 30.1 14.5 43.5



#94

Hexachlorobutadiene

Concen: 49.063 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY015585.D

Acq: 15 Sep 2023 22:04

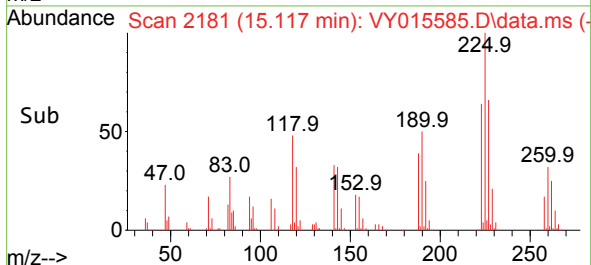
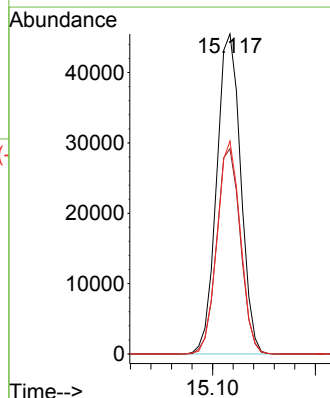
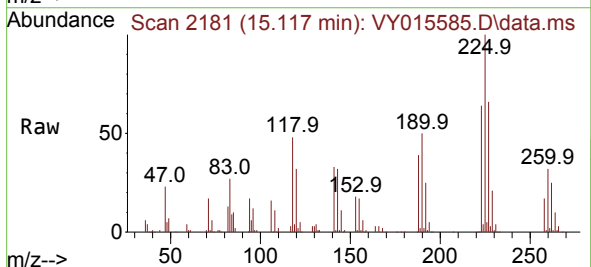
Tgt Ion:225 Resp: 73708

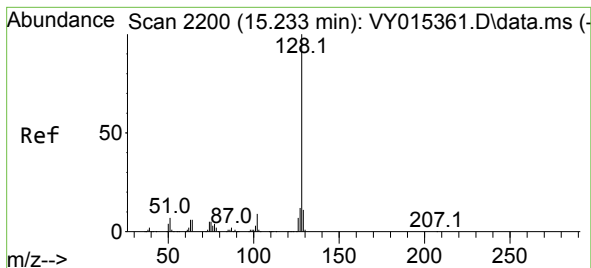
Ion Ratio Lower Upper

225 100

223 63.3 31.9 95.9

227 64.5 33.0 98.9





#95

Naphthalene

Concen: 59.245 ug/l

RT: 15.239 min Scan# 2200

Delta R.T. 0.006 min

Lab File: VY015585.D

Acq: 15 Sep 2023 22:04

Instrument :

MSVOA_Y

ClientSampleId :

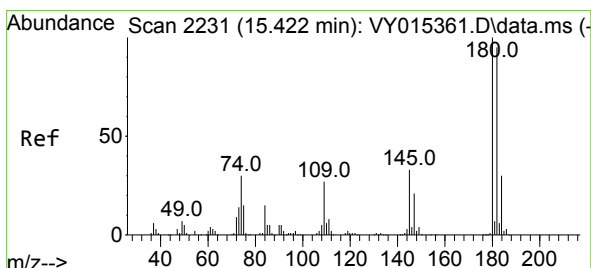
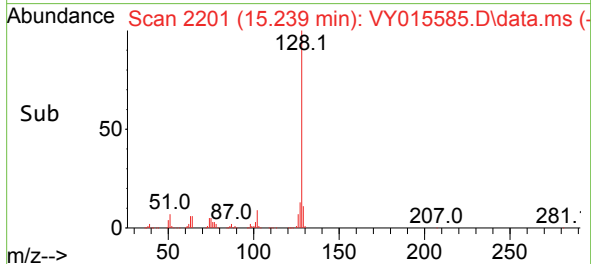
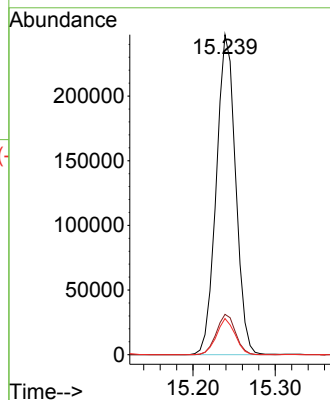
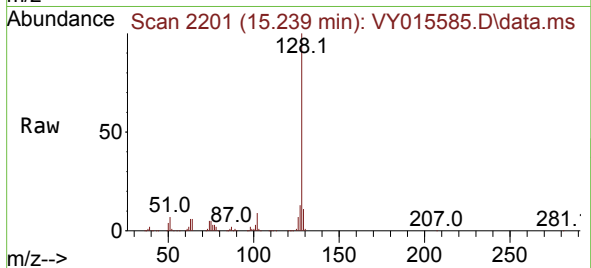
Tgt Ion:128 Resp: 404325

Ion Ratio Lower Upper

128 100

127 12.6 10.8 16.2

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 54.486 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY015585.D

Acq: 15 Sep 2023 22:04

Tgt Ion:180 Resp: 136922

Ion Ratio Lower Upper

180 100

182 94.5 47.3 141.8

145 32.2 15.4 46.2

