

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015281.D
 Acq On : 23 Aug 2023 06:04
 Operator : SY/MD
 Sample : 04109-03MSD
 Misc : 6.43g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-01(6-7)MSD

Quant Time: Aug 23 06:26:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	81600	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.697	114	141077	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	115551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	45791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	61544	62.830	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.660%
35) Dibromofluoromethane	7.728	113	52320	57.647	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.300%
50) Toluene-d8	10.185	98	185997	55.052	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.100%
62) 4-Bromofluorobenzene	12.483	95	59552	48.258	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.520%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	18827	54.311	ug/l	99
3) Chloromethane	2.119	50	25407	52.312	ug/l	97
4) Vinyl Chloride	2.253	62	32433	49.949	ug/l	97
5) Bromomethane	2.644	94	27808	63.491	ug/l	97
6) Chloroethane	2.796	64	26922	57.108	ug/l	96
7) Trichlorofluoromethane	3.131	101	59825	54.679	ug/l	96
8) Diethyl Ether	3.534	74	25104	58.505	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.912	101	36961	54.356	ug/l	96
10) Methyl Iodide	4.095	142	30640	45.889	ug/l	100
11) Tert butyl alcohol	4.972	59	55564	351.095	ug/l #	79
12) 1,1-Dichloroethene	3.875	96	30526	53.761	ug/l	93
13) Acrolein	3.741	56	5699	43.395	ug/l	99
14) Allyl chloride	4.491	41	42831	42.546	ug/l	95
15) Acrylonitrile	5.168	53	117616	404.471	ug/l	98
16) Acetone	3.954	43	116293	363.419	ug/l	94
17) Carbon Disulfide	4.204	76	48303	48.338	ug/l	98
18) Methyl Acetate	4.485	43	157590	134.387	ug/l	93
19) Methyl tert-butyl Ether	5.235	73	146195	60.554	ug/l	98
20) Methylene Chloride	4.729	84	51963	69.404	ug/l	90
21) trans-1,2-Dichloroethene	5.229	96	32148	50.194	ug/l	95
22) Diisopropyl ether	6.137	45	142921	56.896	ug/l #	88
23) Vinyl Acetate	6.076	43	89390	59.638	ug/l	96
24) 1,1-Dichloroethane	6.027	63	76258	56.073	ug/l	99
25) 2-Butanone	6.996	43	183612	405.250	ug/l	99
26) 2,2-Dichloropropane	6.990	77	53847	41.073	ug/l	97
27) cis-1,2-Dichloroethene	6.996	96	47175	53.921	ug/l	93
28) Bromochloromethane	7.344	49	34809	55.711	ug/l	96
29) Tetrahydrofuran	7.356	42	108825	401.690	ug/l	95
30) Chloroform	7.515	83	86208	56.547	ug/l	96
31) Cyclohexane	7.795	56	47893	54.994	ug/l	90
32) 1,1,1-Trichloroethane	7.710	97	72869	56.169	ug/l	99
36) 1,1-Dichloropropene	7.929	75	50305	50.100	ug/l	98
37) Ethyl Acetate	7.082	43	48808	52.149	ug/l	97
38) Carbon Tetrachloride	7.911	117	61019	51.348	ug/l	99
39) Methylcyclohexane	9.191	83	49614	44.077	ug/l	96
40) Benzene	8.167	78	162045	53.379	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.356	41	96096	199.115	ug/l #	39
42) 1,2-Dichloroethane	8.240	62	61930	56.172	ug/l	95
43) Isopropyl Acetate	8.283	43	117056	68.679	ug/l #	92
44) Trichloroethene	8.947	130	45548	52.080	ug/l	98
45) 1,2-Dichloropropane	9.222	63	46055	53.801	ug/l	97
46) Dibromomethane	9.313	93	30907	57.246	ug/l	96
47) Bromodichloromethane	9.502	83	71085	55.175	ug/l	98
48) Methyl methacrylate	9.301	41	49785	68.283	ug/l	90
49) 1,4-Dioxane	9.307	88	17170	1590.377	ug/l #	49
51) 4-Methyl-2-Pentanone	10.075	43	362393	366.870	ug/l	96
52) Toluene	10.246	92	101598	50.777	ug/l	94
53) t-1,3-Dichloropropene	10.471	75	61258	45.243	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	65783	46.133	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	50107	61.037	ug/l	98
56) Ethyl methacrylate	10.514	69	59438	49.473	ug/l	93
57) 1,3-Dichloropropane	10.795	76	77564	57.831	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	161797	289.381	ug/l	95
59) 2-Hexanone	10.837	43	265180	362.726	ug/l	94
60) Dibromochloromethane	10.990	129	53855	54.996	ug/l	98
61) 1,2-Dibromoethane	11.093	107	45372	58.180	ug/l	99
64) Tetrachloroethene	10.728	164	57323	71.205	ug/l	97
65) Chlorobenzene	11.520	112	112559	53.463	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	49193	57.586	ug/l	100
67) Ethyl Benzene	11.599	91	196404	53.244	ug/l	99
68) m/p-Xylenes	11.709	106	147581	105.339	ug/l	95
69) o-Xylene	12.032	106	75274	53.934	ug/l	99
70) Styrene	12.050	104	123173	50.991	ug/l	98
71) Bromoform	12.215	173	38258	61.780	ug/l #	99
73) Isopropylbenzene	12.331	105	196671	66.792	ug/l	99
74) N-amyl acetate	12.148	43	44613	41.964	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.587	83	66083	86.171	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	81500	146.497	ug/l #	100
77) Bromobenzene	12.611	156	47576	66.287	ug/l	92
78) n-propylbenzene	12.672	91	213684	61.112	ug/l	100
79) 2-Chlorotoluene	12.758	91	127684	63.301	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	151937	61.902	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	15247	60.198	ug/l	99
82) 4-Chlorotoluene	12.855	91	123014	59.030	ug/l	98
83) tert-Butylbenzene	13.075	119	138796	61.824	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	150736	61.459	ug/l	97
85) sec-Butylbenzene	13.258	105	184091	55.965	ug/l	100
86) p-Isopropyltoluene	13.373	119	147337	54.024	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	79484	55.834	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	80027	56.047	ug/l	99
89) n-Butylbenzene	13.697	91	112122	43.603	ug/l	98
90) Hexachloroethane	13.965	117	30097	55.628	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	81527	61.303	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	14159	95.309	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	29844	34.955	ug/l	95
94) Hexachlorobutadiene	15.111	225	11445	24.644	ug/l	98
95) Naphthalene	15.239	128	133717	62.871	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	29430	38.168	ug/l	96

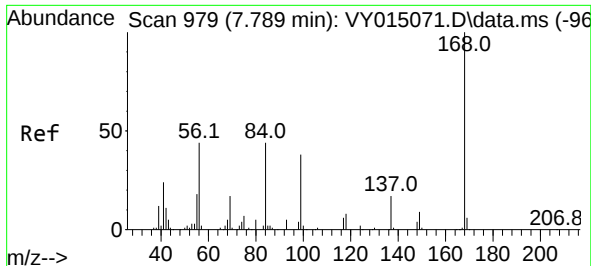
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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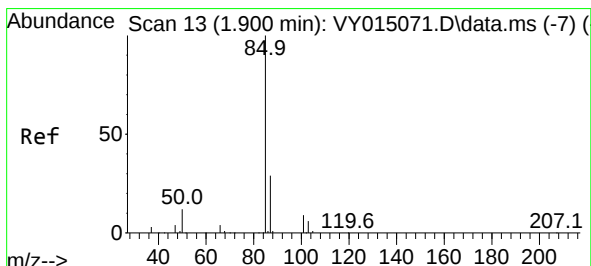
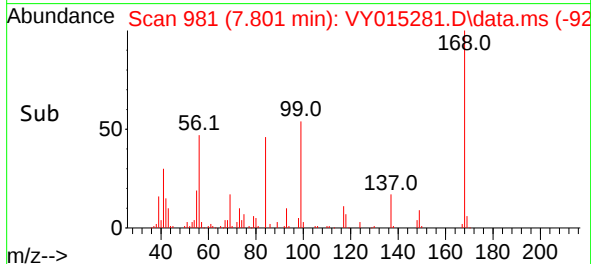
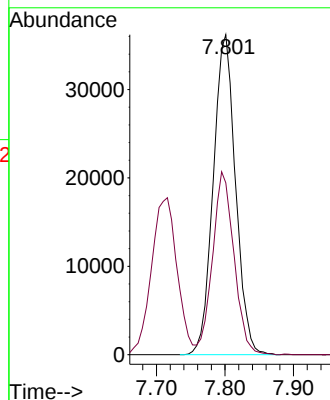
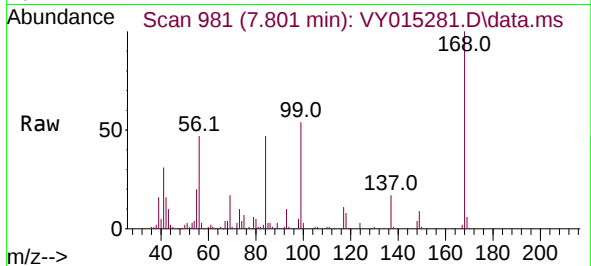
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY015281.D
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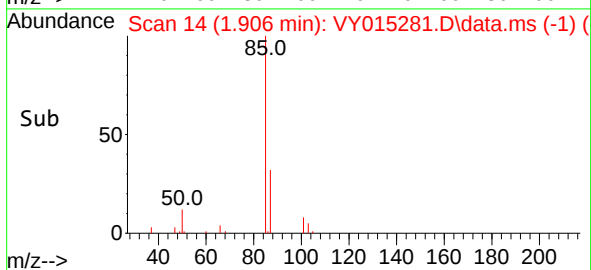
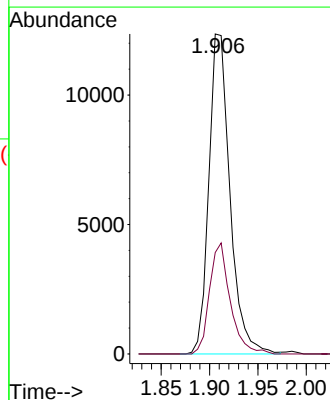
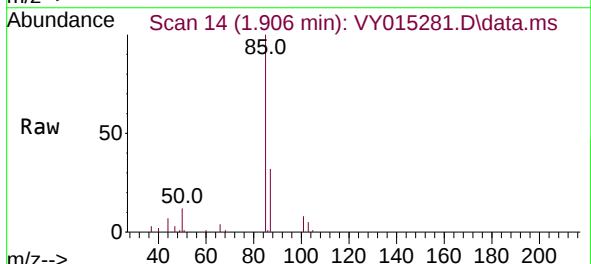
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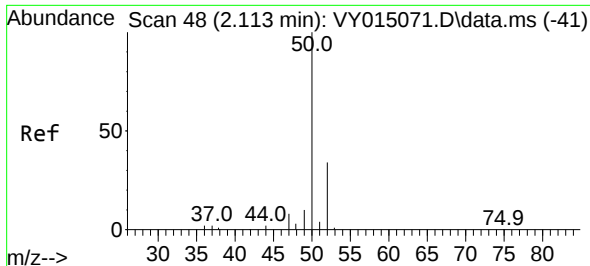
Tgt Ion:168 Resp: 81600
Ion Ratio Lower Upper
168 100
99 53.7 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 54.311 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015281.D
Acq: 23 Aug 2023 06:04

Tgt Ion: 85 Resp: 18827
Ion Ratio Lower Upper
85 100
87 31.7 15.6 46.8

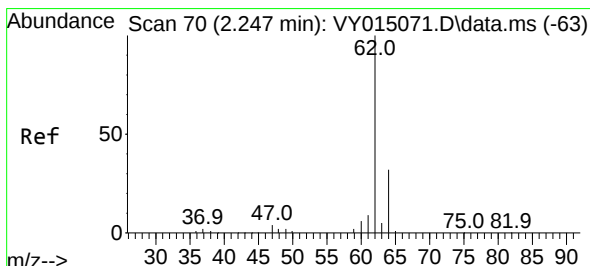
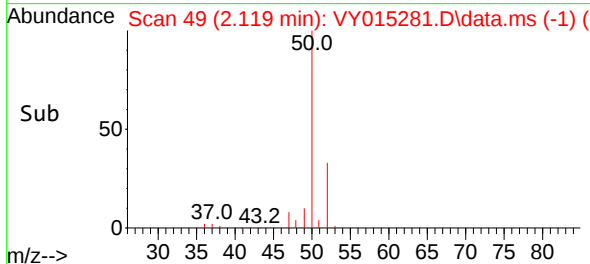
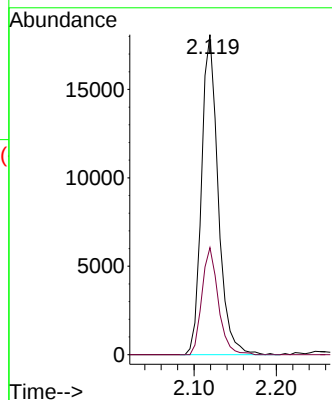
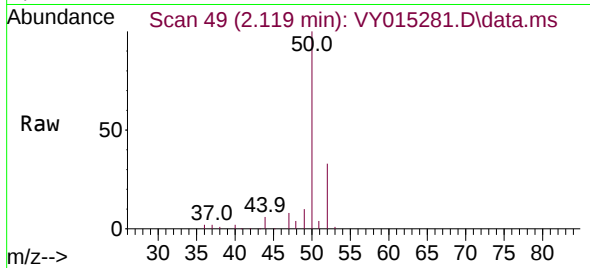




#3
Chloromethane
Concen: 52.312 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.012 min
Lab File: VY015281.D
Acq: 23 Aug 2023 06:04

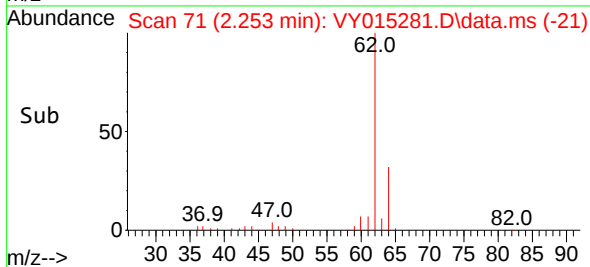
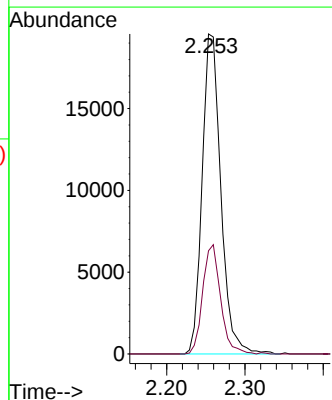
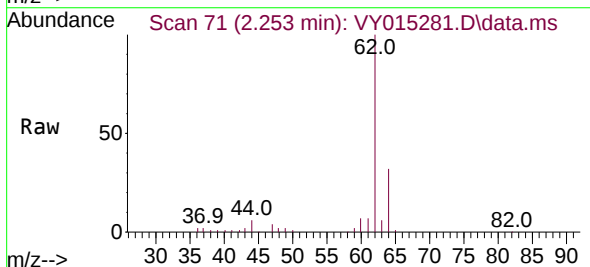
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ClientSampleId :
TP-01(6-7)MSD

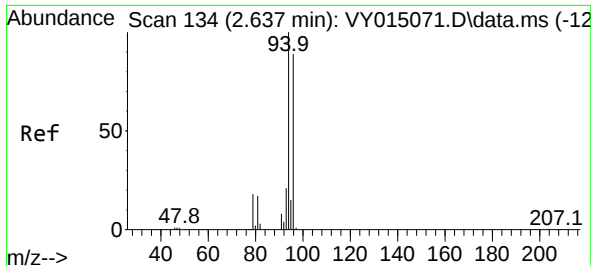
Tgt Ion: 50 Resp: 25407
Ion Ratio Lower Upper
50 100
52 33.5 25.4 38.2



#4
Vinyl Chloride
Concen: 49.949 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY015281.D
Acq: 23 Aug 2023 06:04

Tgt Ion: 62 Resp: 32433
Ion Ratio Lower Upper
62 100
64 32.3 24.3 36.5

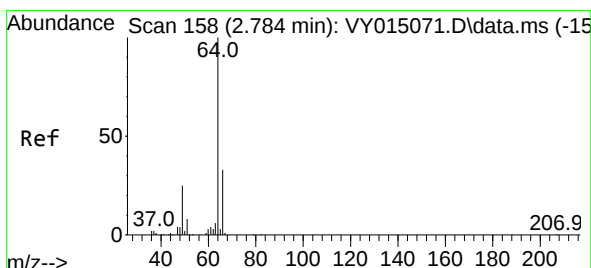
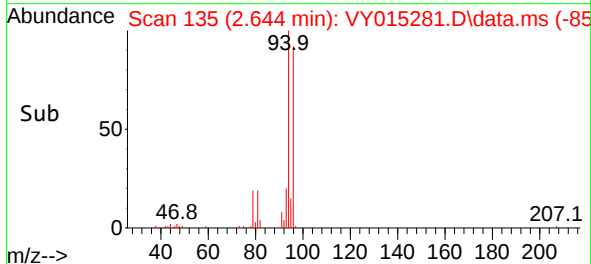
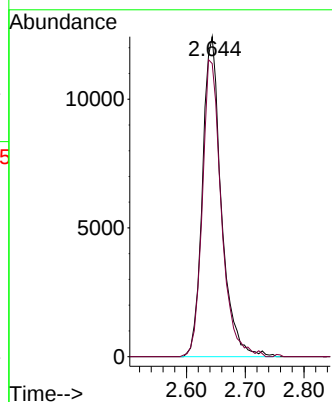
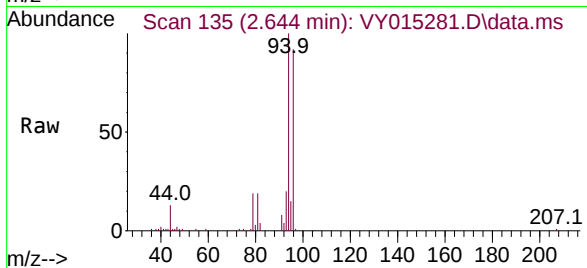




#5
Bromomethane
Concen: 63.491 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY015281.D
Acq: 23 Aug 2023 06:04

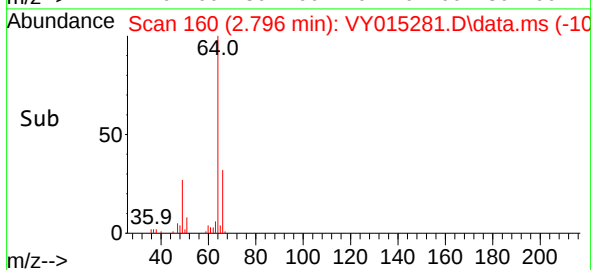
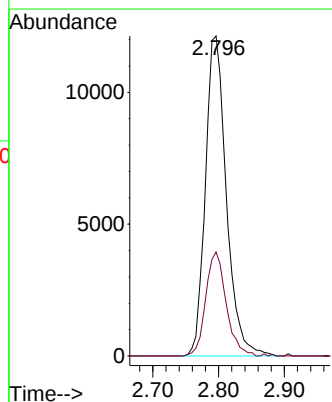
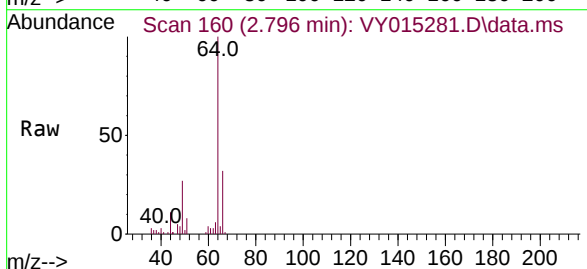
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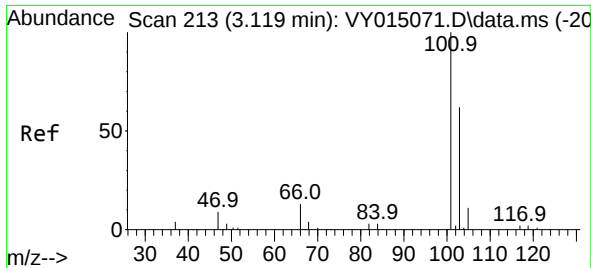
Tgt Ion: 94 Resp: 27808
Ion Ratio Lower Upper
94 100
96 91.6 75.8 113.6



#6
Chloroethane
Concen: 57.108 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.012 min
Lab File: VY015281.D
Acq: 23 Aug 2023 06:04

Tgt Ion: 64 Resp: 26922
Ion Ratio Lower Upper
64 100
66 32.5 24.4 36.6

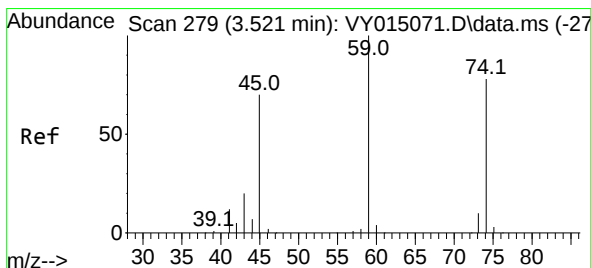
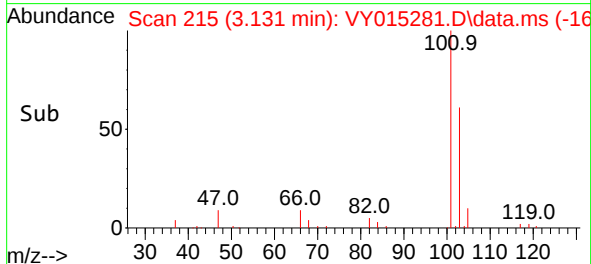
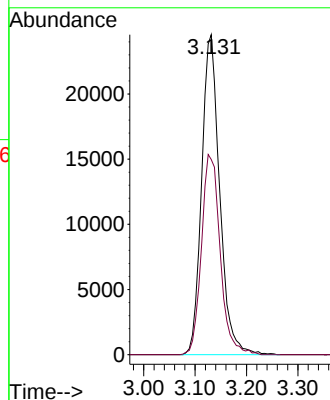
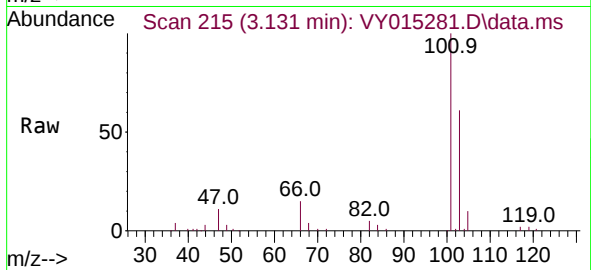




#7
 Trichlorofluoromethane
 Concen: 54.679 ug/l
 RT: 3.131 min Scan# 213
 Delta R.T. 0.018 min
 Lab File: VY015281.D
 Acq: 23 Aug 2023 06:04

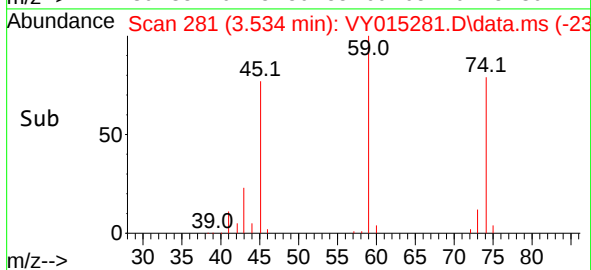
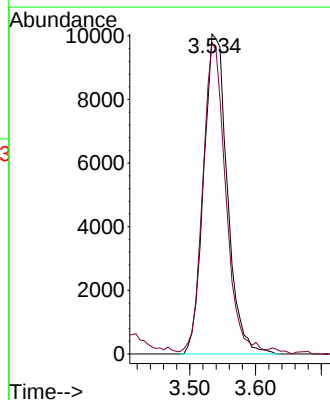
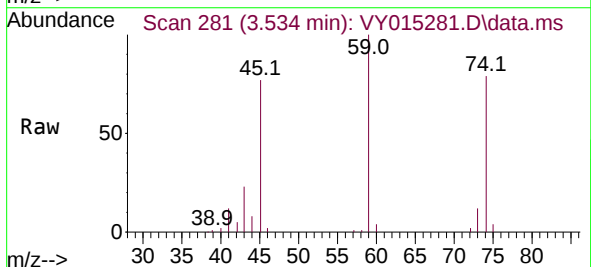
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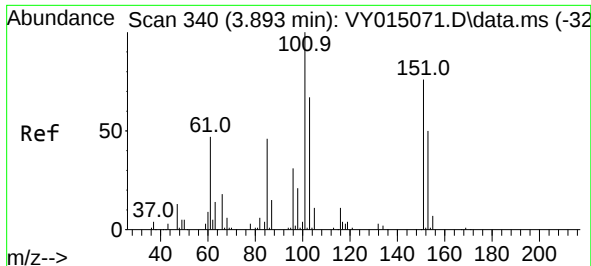
Tgt Ion:101 Resp: 59825
 Ion Ratio Lower Upper
 101 100
 103 61.0 51.4 77.0



#8
 Diethyl Ether
 Concen: 58.505 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.012 min
 Lab File: VY015281.D
 Acq: 23 Aug 2023 06:04

Tgt Ion: 74 Resp: 25104
 Ion Ratio Lower Upper
 74 100
 45 92.5 51.5 154.5

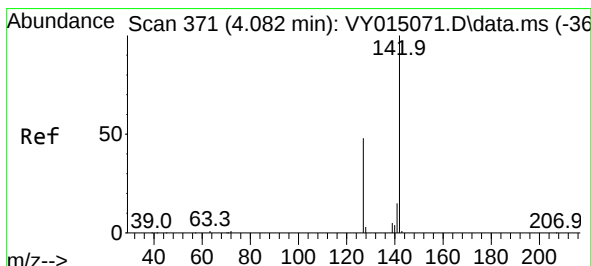
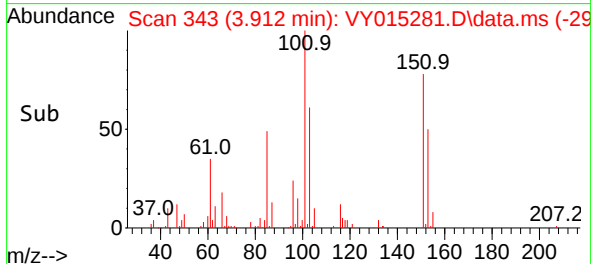
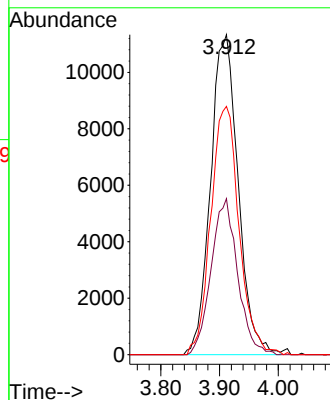
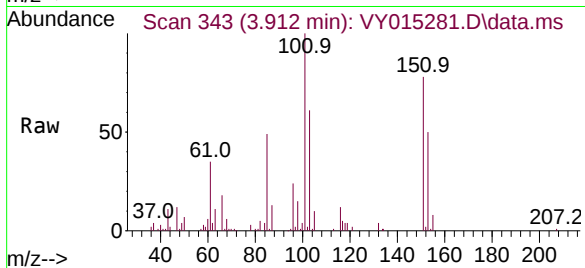




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.356 ug/l
RT: 3.912 min Scan# 341
Delta R.T. 0.025 min
Lab File: VY015281.D
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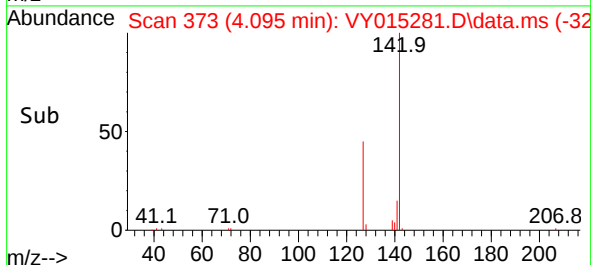
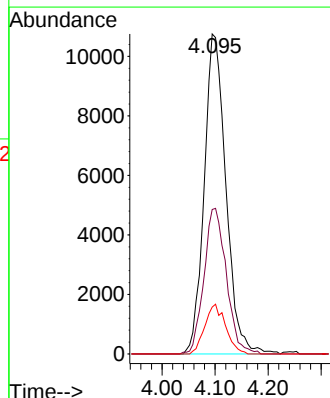
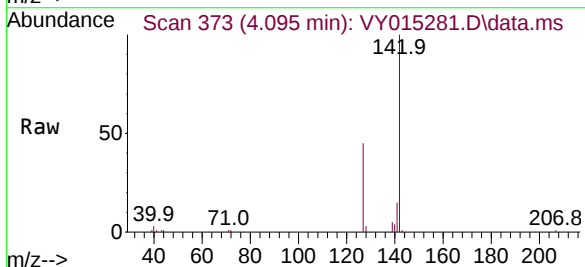
Instrument :
MSVOA_Y
ClientSampleId :
TP-01(6-7)MSD

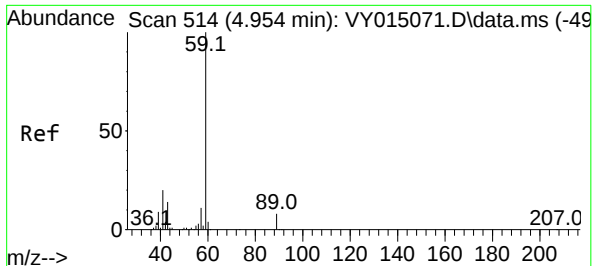
Tgt Ion:101 Resp: 36961
Ion Ratio Lower Upper
101 100
85 47.0 36.6 55.0
151 79.5 67.0 100.6



#10
Methyl Iodide
Concen: 45.889 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.012 min
Lab File: VY015281.D
Acq: 23 Aug 2023 06:04

Tgt Ion:142 Resp: 30640
Ion Ratio Lower Upper
142 100
127 46.8 37.6 56.4
141 14.9 11.8 17.8

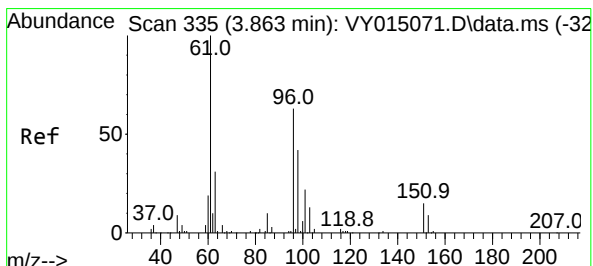
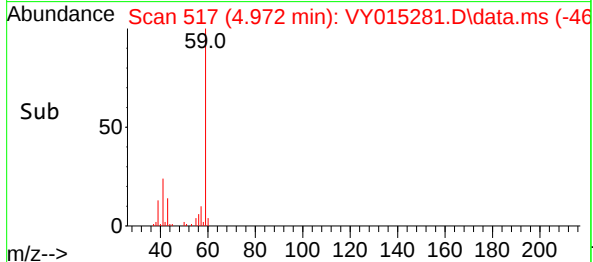
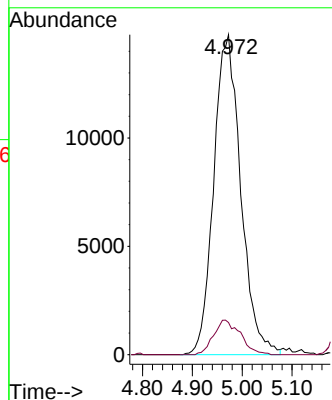
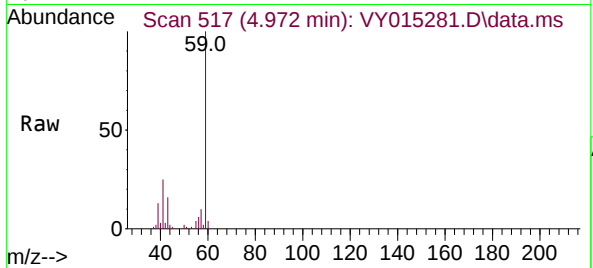




#11
Tert butyl alcohol
Concen: 351.095 ug/l
RT: 4.972 min Scan# 514
Delta R.T. 0.024 min
Lab File: VY015281.D
Acq: 23 Aug 2023 06:04

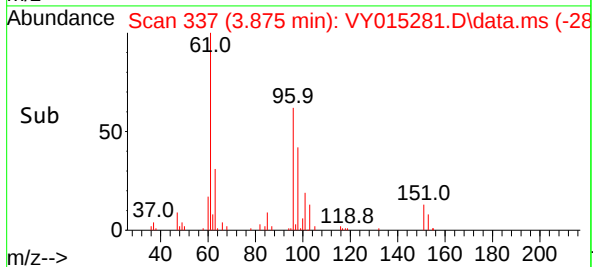
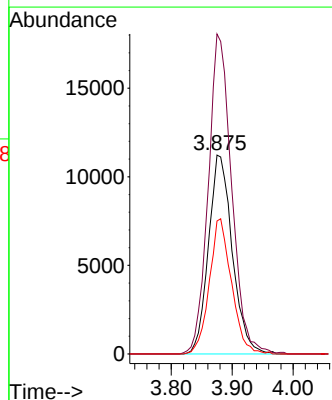
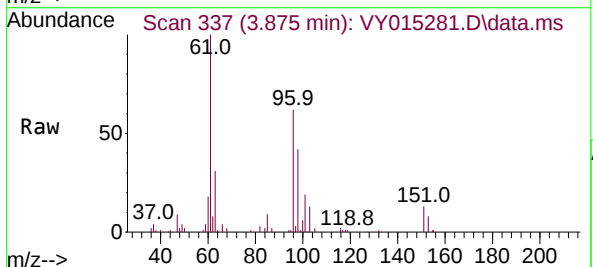
Instrument :
MSVOA_Y
ClientSampleId :
TP-01(6-7)MSD

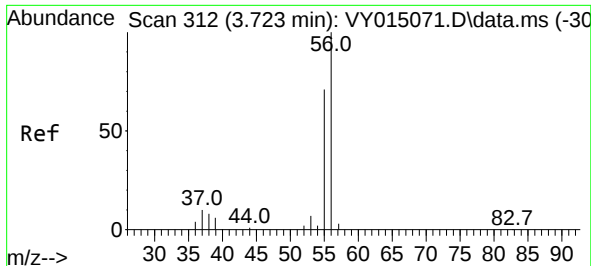
Tgt Ion: 59 Resp: 55564
Ion Ratio Lower Upper
59 100
57 10.8 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 53.761 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.012 min
Lab File: VY015281.D
Acq: 23 Aug 2023 06:04

Tgt Ion: 96 Resp: 30526
Ion Ratio Lower Upper
96 100
61 160.9 136.4 204.6
98 66.9 49.4 74.2

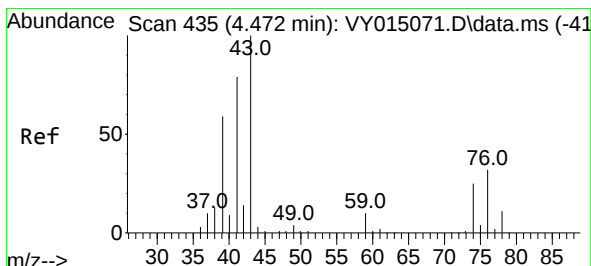
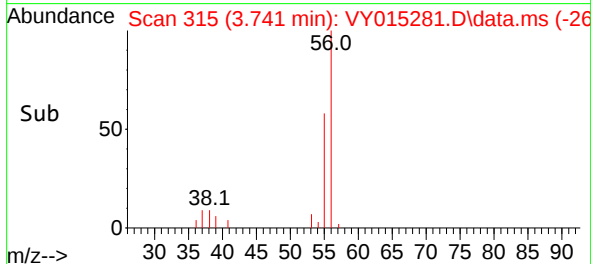
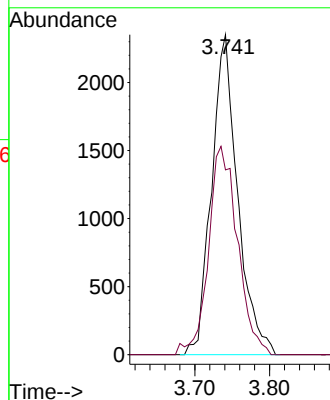
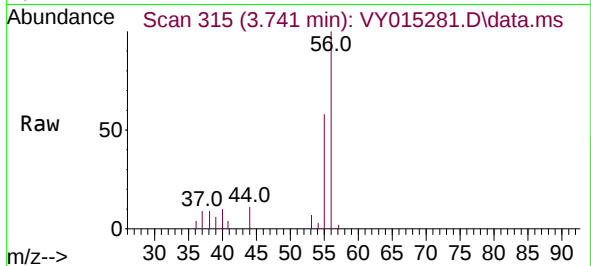




#13
Acrolein
Concen: 43.395 ug/l
RT: 3.741 min Scan# 312
Delta R.T. 0.018 min
Lab File: VY015281.D
Acq: 23 Aug 2023 06:04

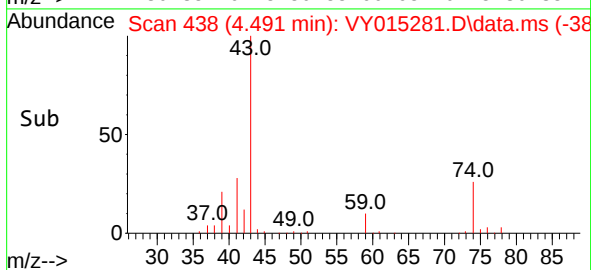
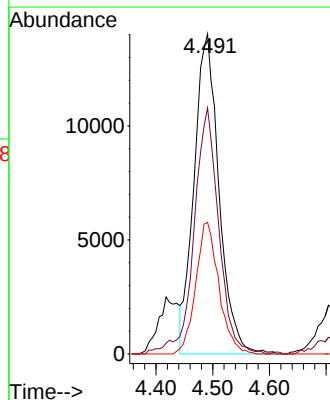
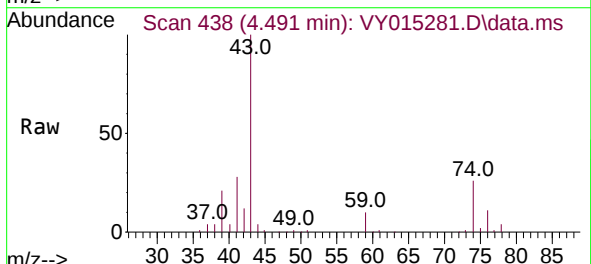
Instrument :
MSVOA_Y
ClientSampleId :
TP-01(6-7)MSD

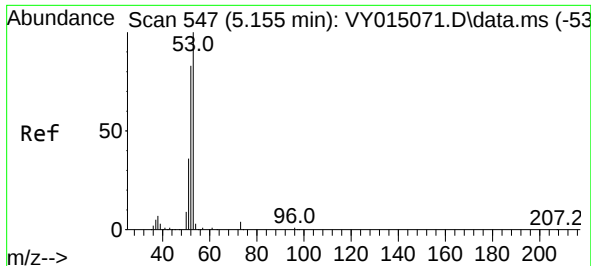
Tgt Ion: 56 Resp: 5699
Ion Ratio Lower Upper
56 100
55 72.4 57.0 85.4



#14
Allyl chloride
Concen: 42.546 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.018 min
Lab File: VY015281.D
Acq: 23 Aug 2023 06:04

Tgt Ion: 41 Resp: 42831
Ion Ratio Lower Upper
41 100
39 76.1 58.0 87.0
76 38.2 27.4 41.2

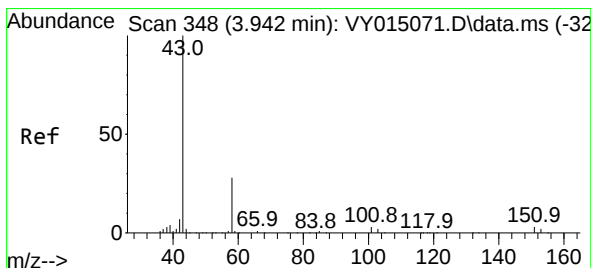
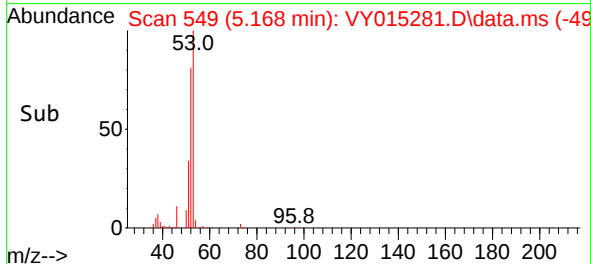
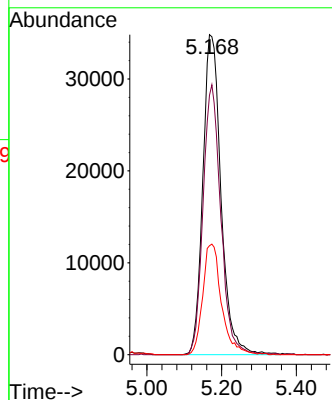
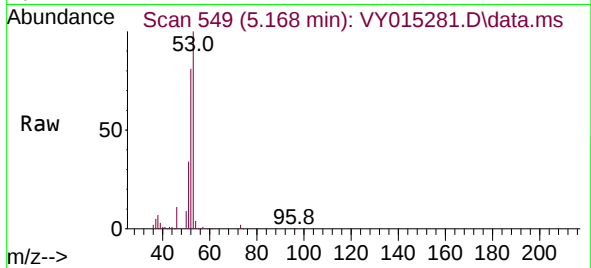




#15
Acrylonitrile
Concen: 404.471 ug/l
RT: 5.168 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY015281.D
Acq: 23 Aug 2023 06:04

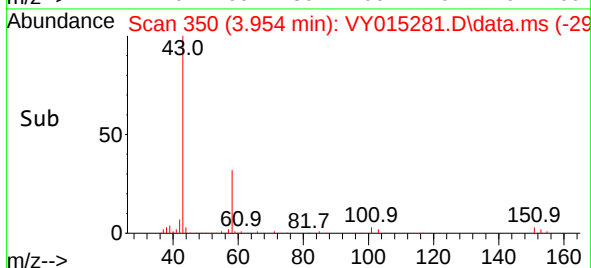
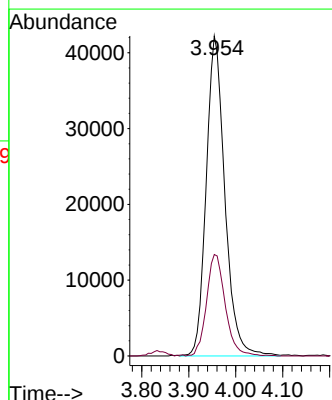
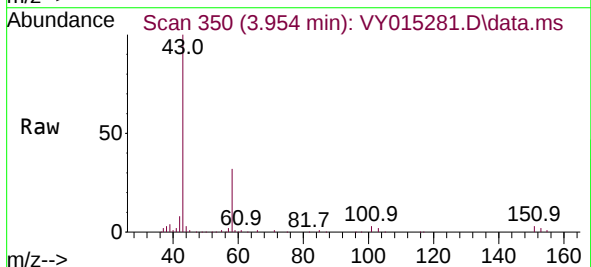
Instrument :
MSVOA_Y
ClientSampleId :
TP-01(6-7)MSD

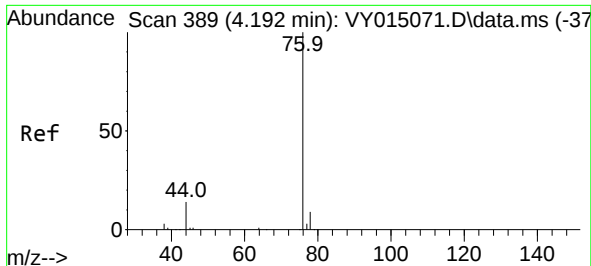
Tgt Ion: 53 Resp: 117616
Ion Ratio Lower Upper
53 100
52 82.3 66.9 100.3
51 35.6 29.8 44.6



#16
Acetone
Concen: 363.419 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015281.D
Acq: 23 Aug 2023 06:04

Tgt Ion: 43 Resp: 116293
Ion Ratio Lower Upper
43 100
58 31.7 22.7 34.1

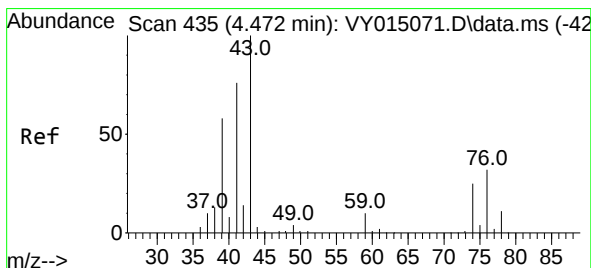
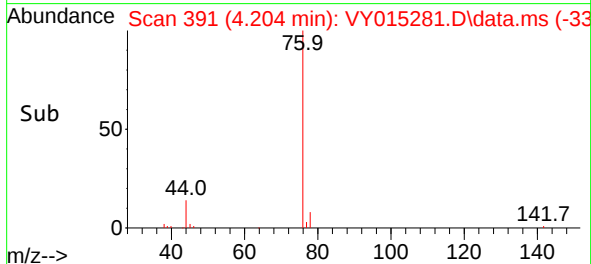
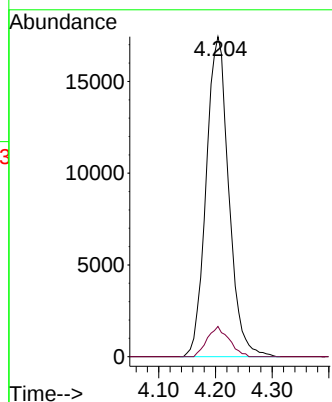
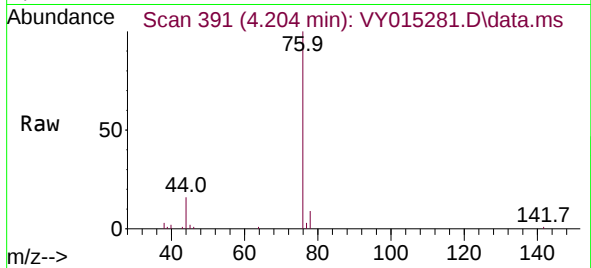




#17
Carbon Disulfide
Concen: 48.338 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.018 min
Lab File: VY015281.D
Acq: 23 Aug 2023 06:04

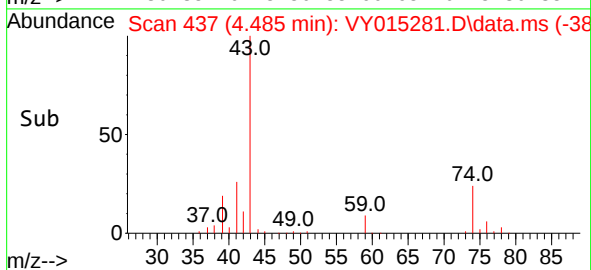
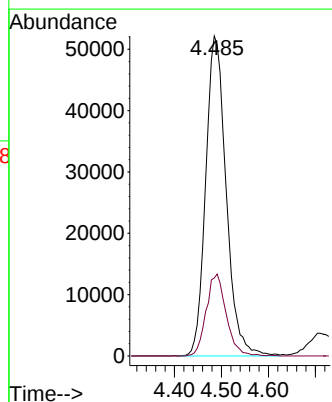
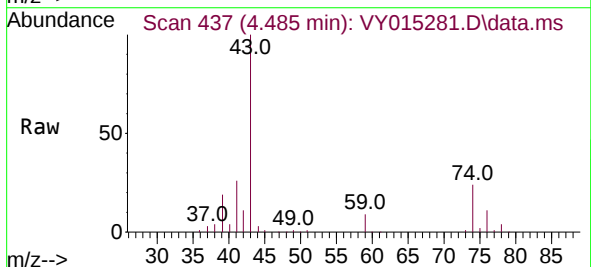
Instrument :
MSVOA_Y
ClientSampleId :
TP-01(6-7)MSD

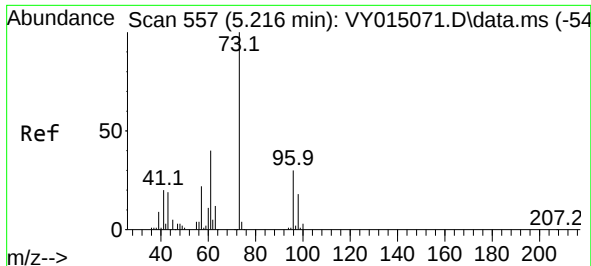
Tgt Ion: 76 Resp: 48303
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.4



#18
Methyl Acetate
Concen: 134.387 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.019 min
Lab File: VY015281.D
Acq: 23 Aug 2023 06:04

Tgt Ion: 43 Resp: 157590
Ion Ratio Lower Upper
43 100
74 25.0 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 60.554 ug/l

RT: 5.235 min Scan# 5

Delta R.T. 0.025 min

Lab File: VY015281.D

Acq: 23 Aug 2023 06:04

Instrument :

MSVOA_Y

ClientSampleId :

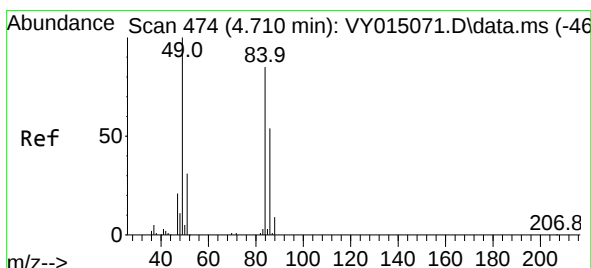
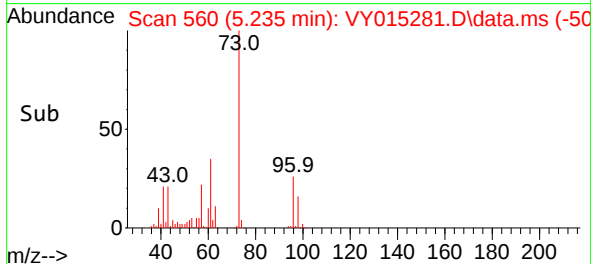
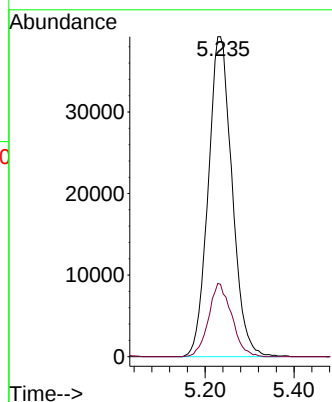
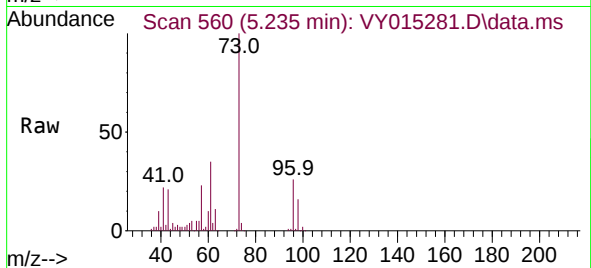
TP-01(6-7)MSD

Tgt Ion: 73 Resp: 146195

Ion Ratio Lower Upper

73 100

57 22.6 17.3 25.9



#20

Methylene Chloride

Concen: 69.404 ug/l

RT: 4.729 min Scan# 477

Delta R.T. 0.019 min

Lab File: VY015281.D

Acq: 23 Aug 2023 06:04

Tgt Ion: 84 Resp: 51963

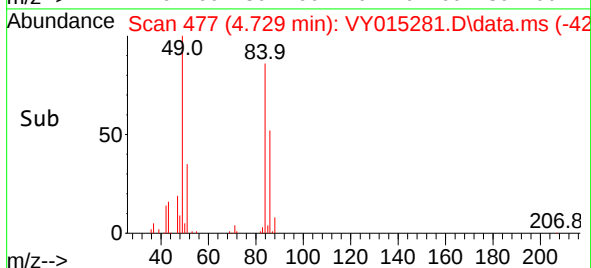
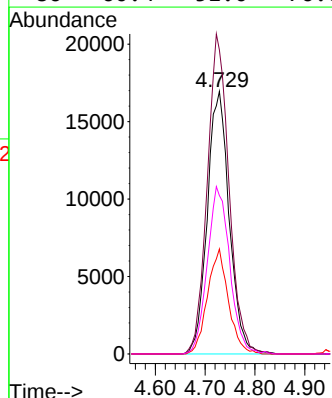
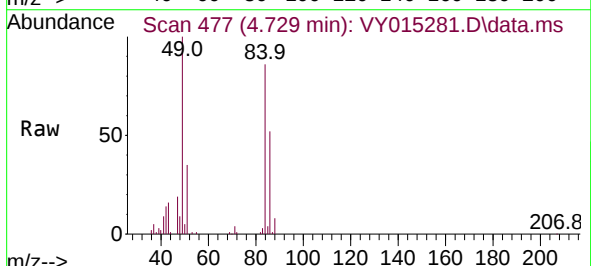
Ion Ratio Lower Upper

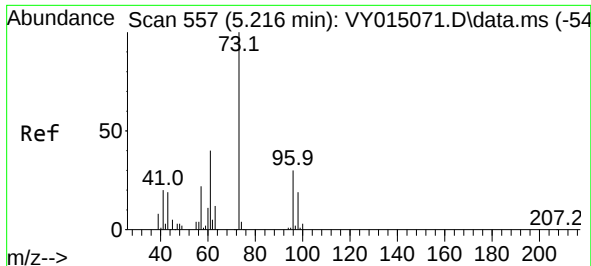
84 100

49 115.8 106.9 160.3

51 40.0 33.2 49.8

86 60.4 51.0 76.6

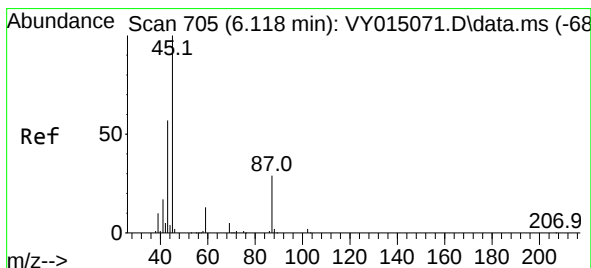
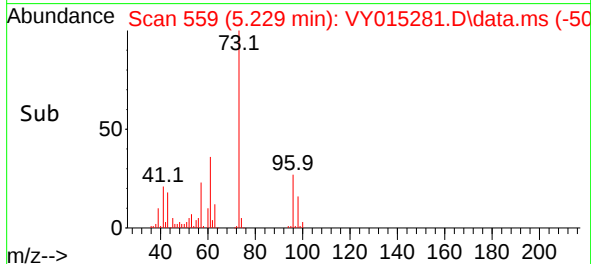
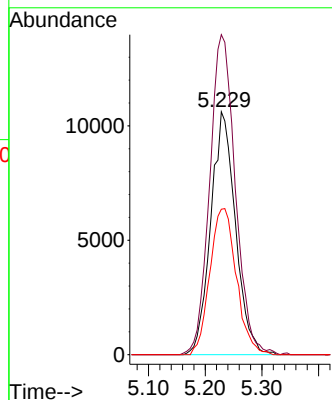
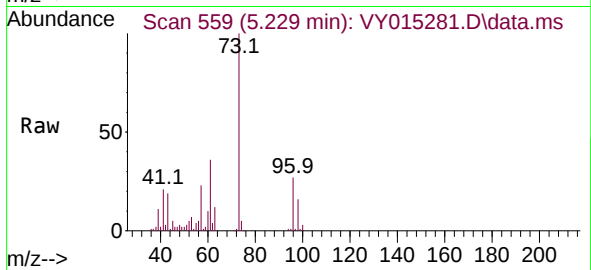




#21
trans-1,2-Dichloroethene
Concen: 50.194 ug/l
RT: 5.229 min Scan# 511
Delta R.T. 0.018 min
Lab File: VY015281.D
Acq: 23 Aug 2023 06:04

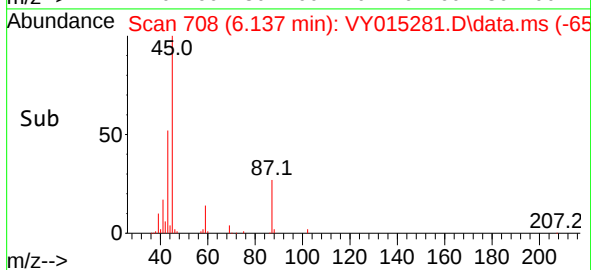
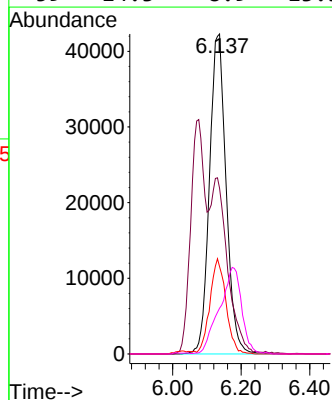
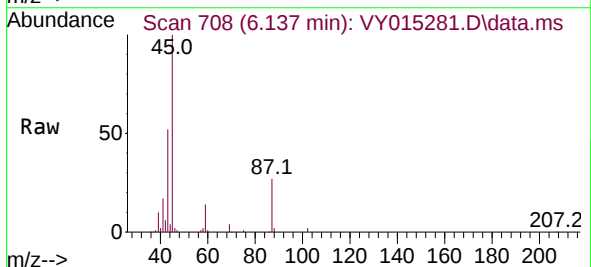
Instrument :
MSVOA_Y
ClientSampleId :
TP-01(6-7)MSD

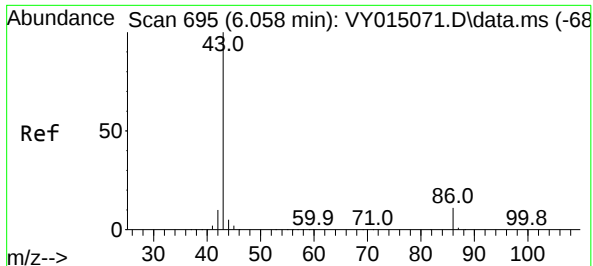
Tgt Ion: 96 Resp: 32148
Ion Ratio Lower Upper
96 100
61 131.8 110.2 165.4
98 59.9 51.8 77.6



#22
Diisopropyl ether
Concen: 56.896 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.025 min
Lab File: VY015281.D
Acq: 23 Aug 2023 06:04

Tgt Ion: 45 Resp: 142921
Ion Ratio Lower Upper
45 100
43 51.5 52.2 78.4#
87 27.3 21.0 31.6
59 14.3 8.9 13.3#

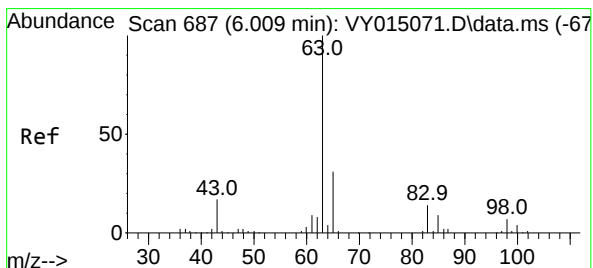
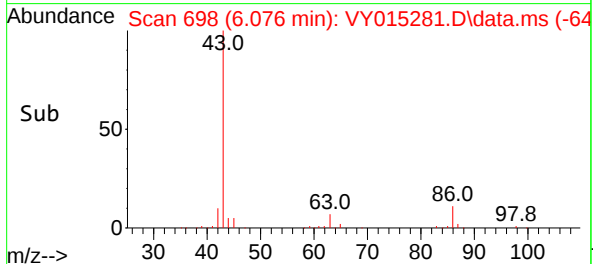
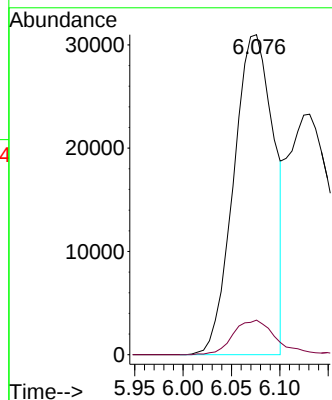
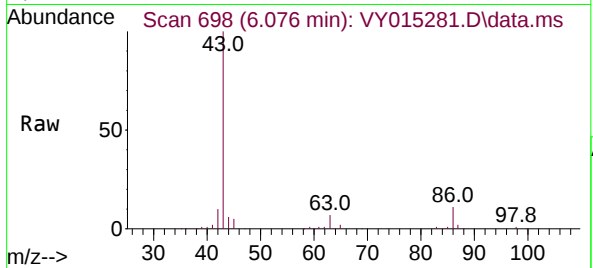




#23
 Vinyl Acetate
 Concen: 59.638 ug/l
 RT: 6.076 min Scan# 61
 Delta R.T. 0.025 min
 Lab File: VY015281.D
 Acq: 23 Aug 2023 06:04

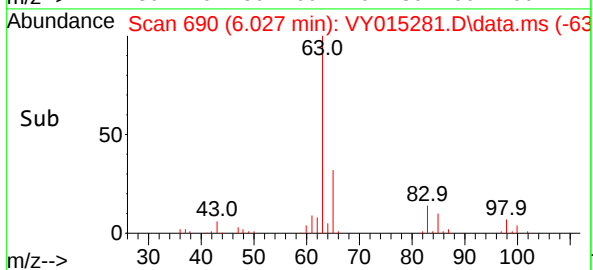
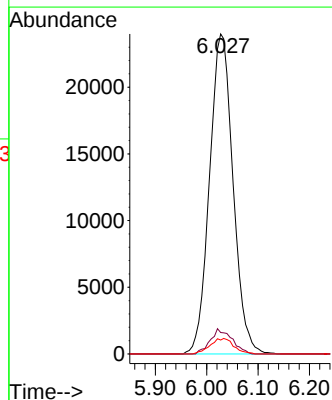
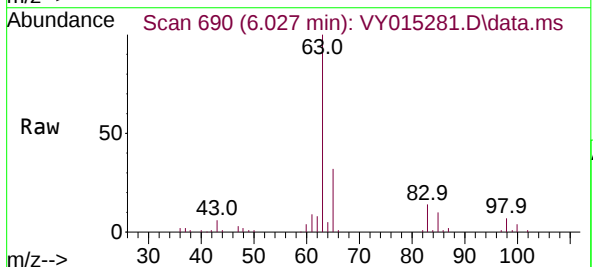
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-01(6-7)MSD

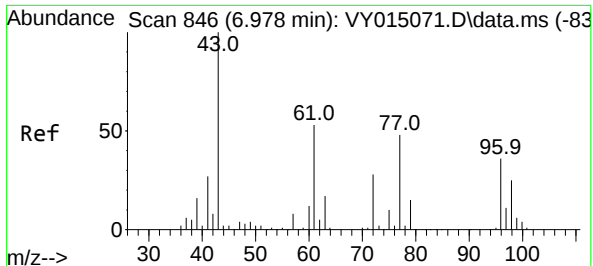
Tgt Ion: 43 Resp: 89390
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 56.073 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.018 min
 Lab File: VY015281.D
 Acq: 23 Aug 2023 06:04

Tgt Ion: 63 Resp: 76258
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.1 9.4
 100 4.3 1.8 5.5





#25

2-Butanone

Concen: 405.250 ug/l

RT: 6.996 min Scan# 84

Delta R.T. 0.018 min

Lab File: VY015281.D

Acq: 23 Aug 2023 06:04

Instrument :

MSVOA_Y

ClientSampleId :

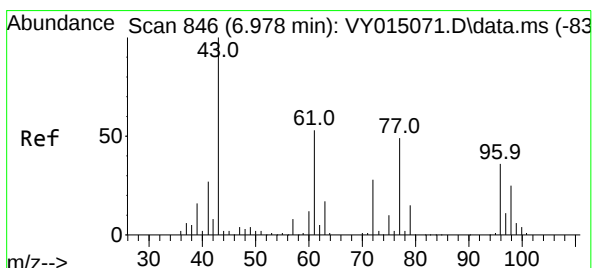
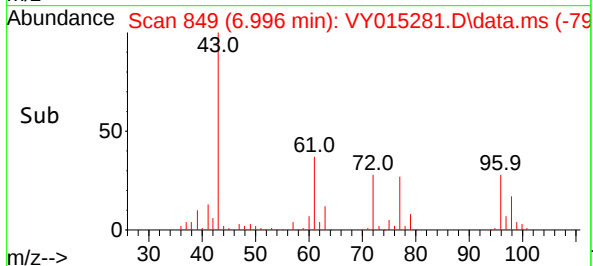
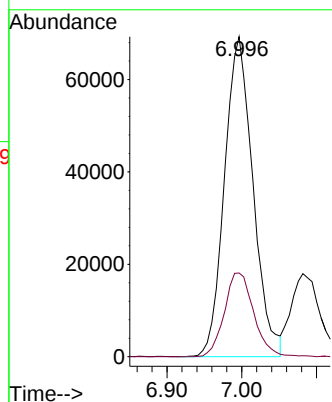
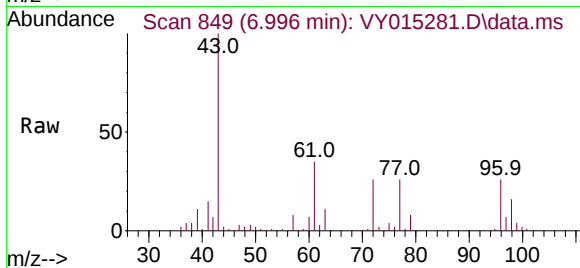
TP-01(6-7)MSD

Tgt Ion: 43 Resp: 183612

Ion Ratio Lower Upper

43 100

72 26.2 20.5 30.7



#26

2,2-Dichloropropane

Concen: 41.073 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.018 min

Lab File: VY015281.D

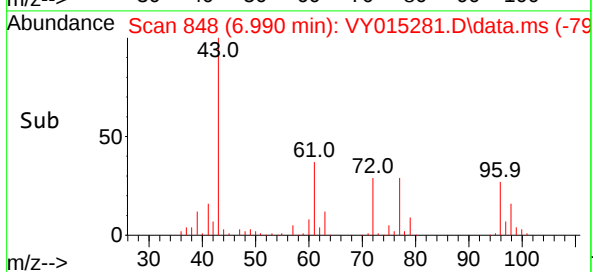
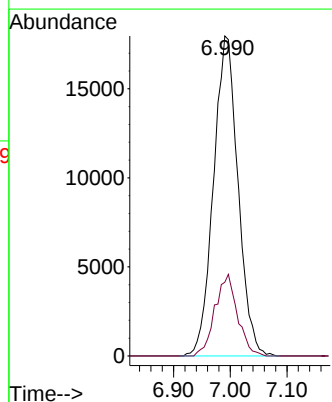
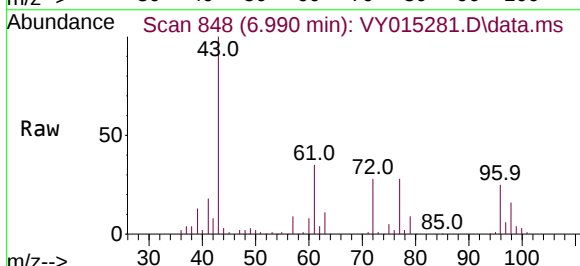
Acq: 23 Aug 2023 06:04

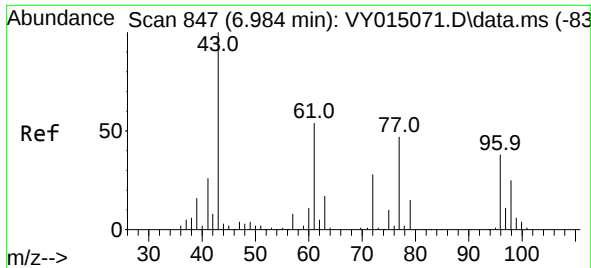
Tgt Ion: 77 Resp: 53847

Ion Ratio Lower Upper

77 100

97 23.4 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 53.921 ug/l

RT: 6.996 min Scan# 84

Delta R.T. 0.018 min

Lab File: VY015281.D

Acq: 23 Aug 2023 06:04

Instrument :

MSVOA_Y

ClientSampleId :

TP-01(6-7)MSD

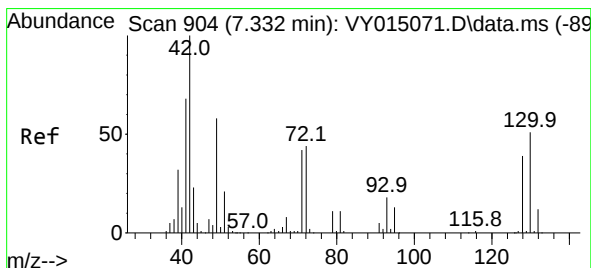
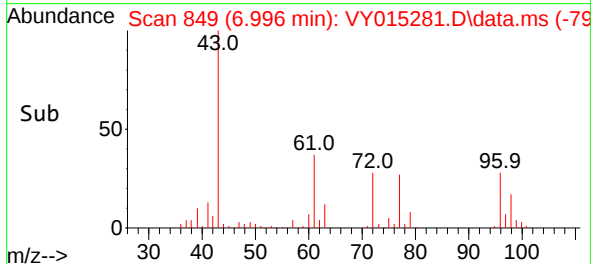
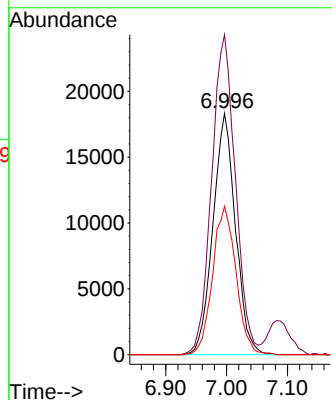
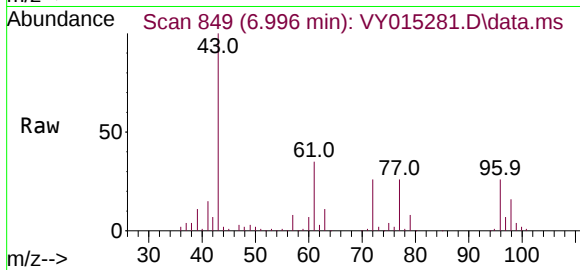
Tgt Ion: 96 Resp: 47175

Ion Ratio Lower Upper

96 100

61 139.5 0.0 301.4

98 63.7 0.0 130.4



#28

Bromochloromethane

Concen: 55.711 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY015281.D

Acq: 23 Aug 2023 06:04

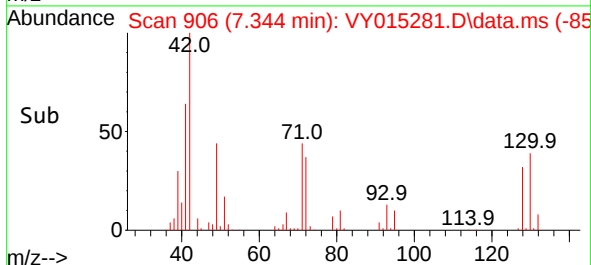
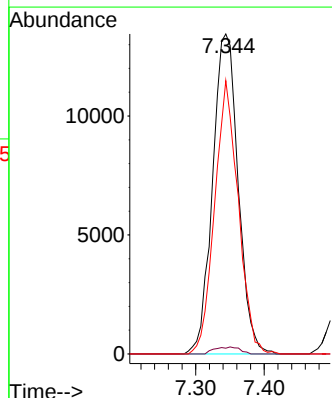
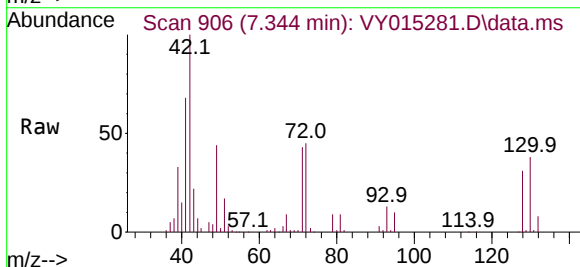
Tgt Ion: 49 Resp: 34809

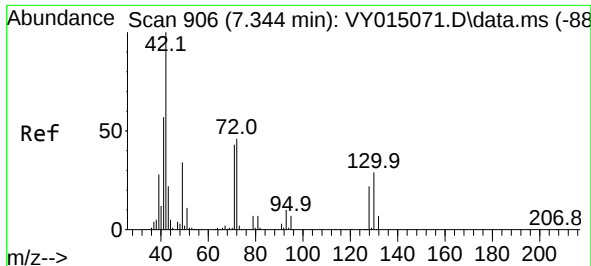
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 79.0 60.7 91.1





#29

Tetrahydrofuran

Concen: 401.690 ug/l

RT: 7.356 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY015281.D

Acq: 23 Aug 2023 06:04

Instrument :

MSVOA_Y

ClientSampleId :

TP-01(6-7)MSD

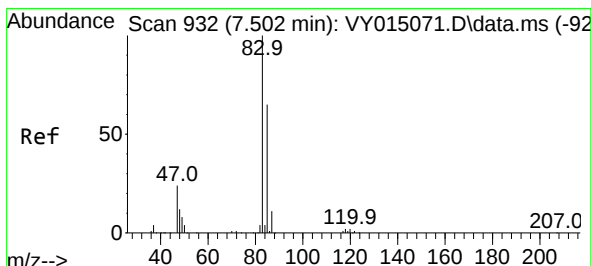
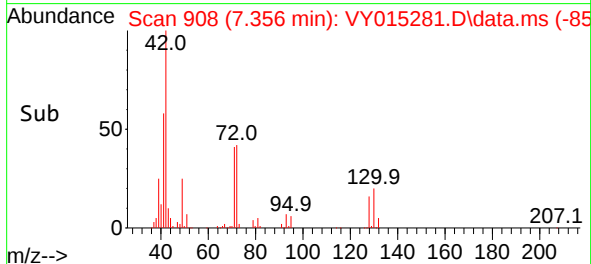
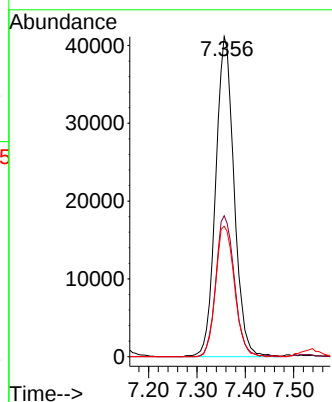
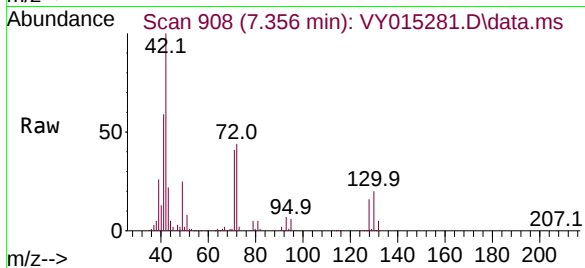
Tgt Ion: 42 Resp: 108825

Ion Ratio Lower Upper

42 100

72 44.4 32.8 49.2

71 41.9 31.0 46.4



#30

Chloroform

Concen: 56.547 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.013 min

Lab File: VY015281.D

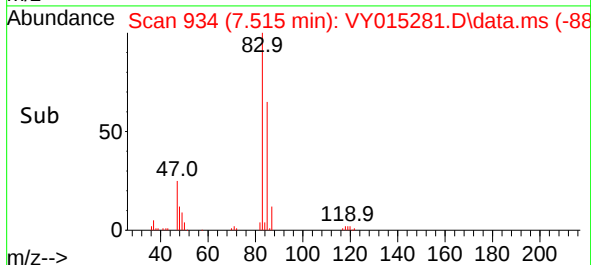
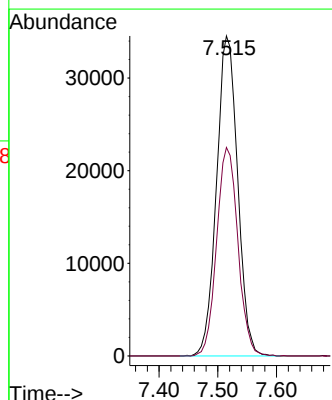
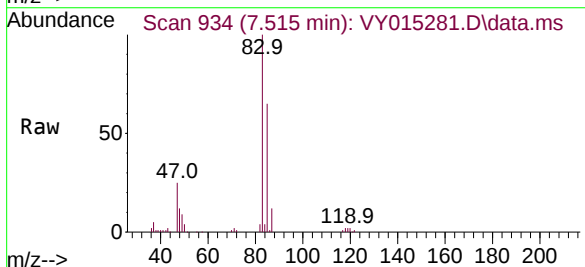
Acq: 23 Aug 2023 06:04

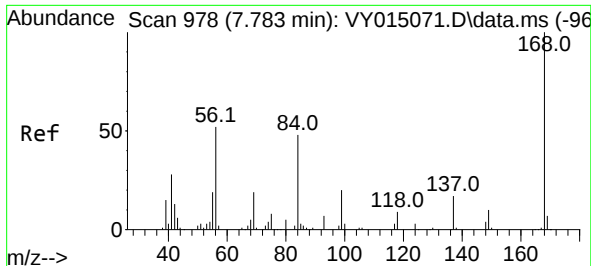
Tgt Ion: 83 Resp: 86208

Ion Ratio Lower Upper

83 100

85 65.1 49.7 74.5

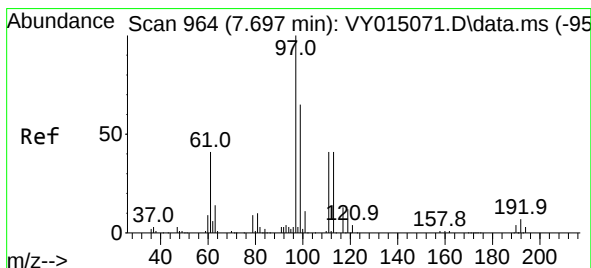
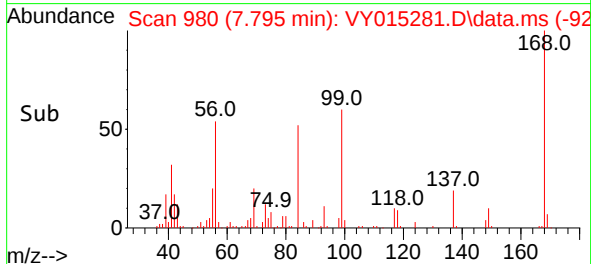
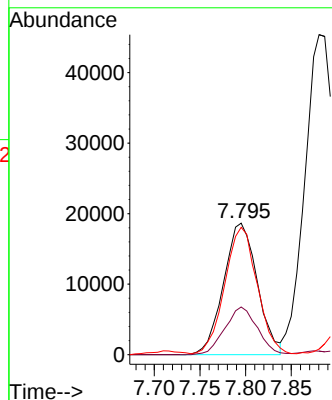
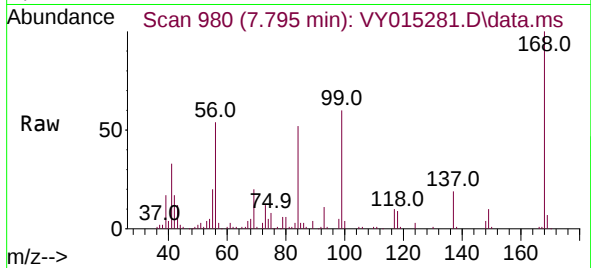




#31
Cyclohexane
Concen: 54.994 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY015281.D
Acq: 23 Aug 2023 06:04

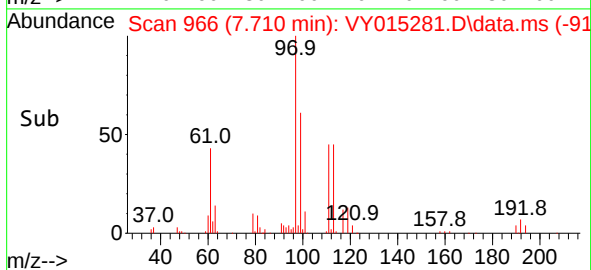
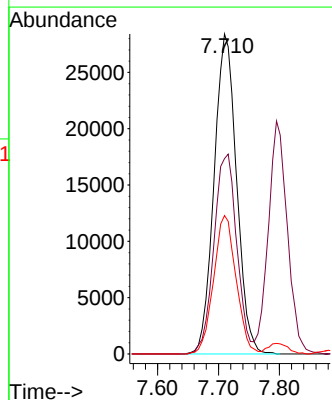
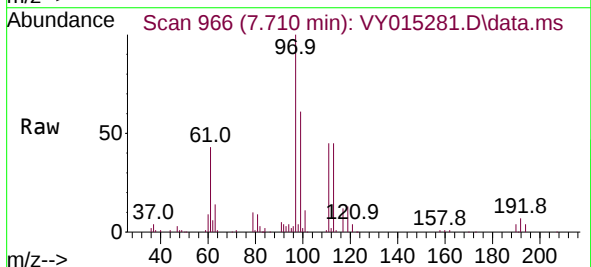
Instrument :
MSVOA_Y
ClientSampleId :
TP-01(6-7)MSD

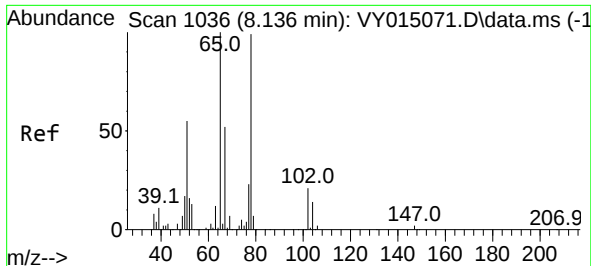
Tgt Ion: 56 Resp: 47893
Ion Ratio Lower Upper
56 100
69 36.2 27.8 41.6
84 95.0 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 56.169 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.012 min
Lab File: VY015281.D
Acq: 23 Aug 2023 06:04

Tgt Ion: 97 Resp: 72869
Ion Ratio Lower Upper
97 100
99 63.8 50.8 76.2
61 43.3 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 62.830 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY015281.D

Acq: 23 Aug 2023 06:04

Instrument :

MSVOA_Y

ClientSampleId :

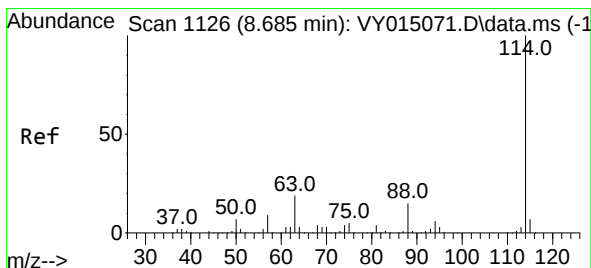
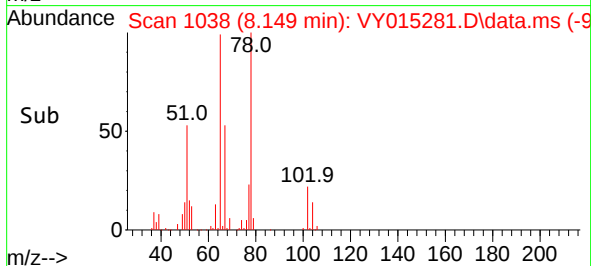
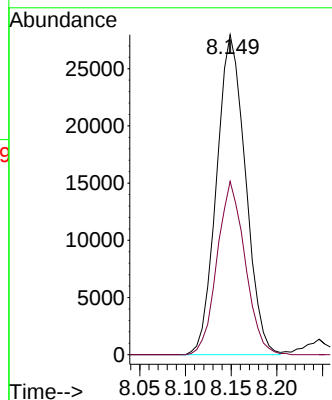
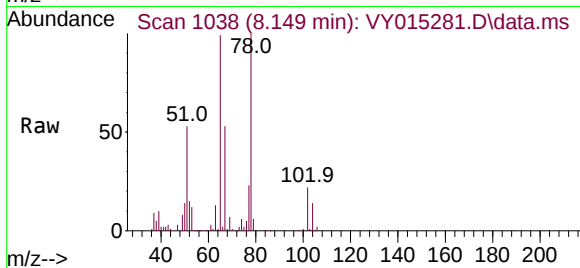
TP-01(6-7)MSD

Tgt Ion: 65 Resp: 61544

Ion Ratio Lower Upper

65 100

67 52.4 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: VY015281.D

Acq: 23 Aug 2023 06:04

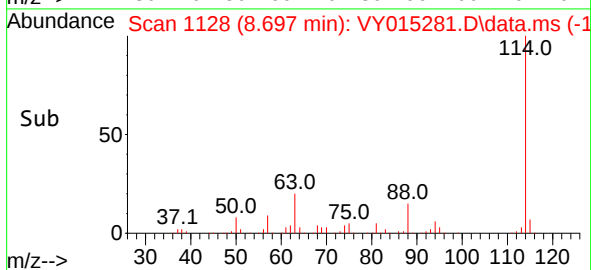
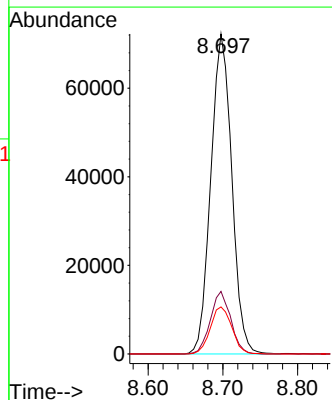
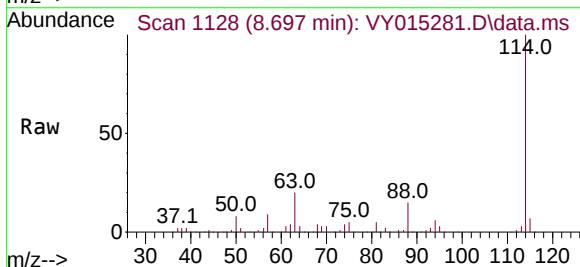
Tgt Ion: 114 Resp: 141077

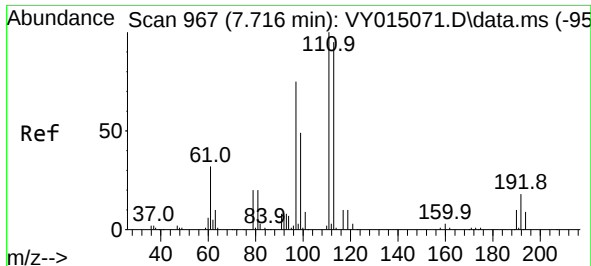
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

88 14.7 0.0 30.6

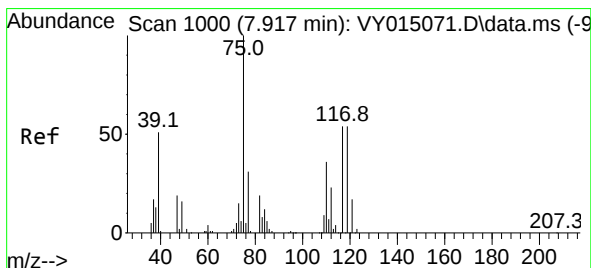
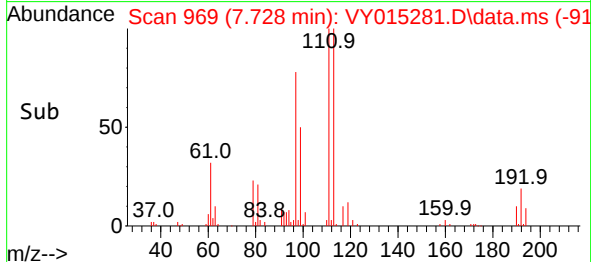
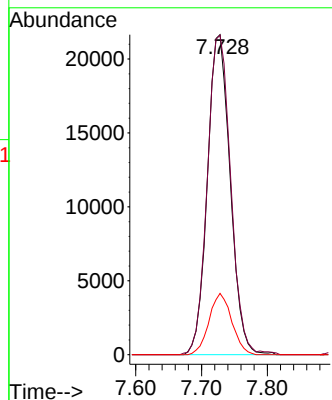
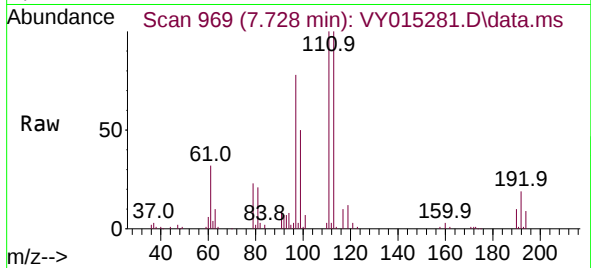




#35
Dibromofluoromethane
Concen: 57.647 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015281.D
Acq: 23 Aug 2023 06:04

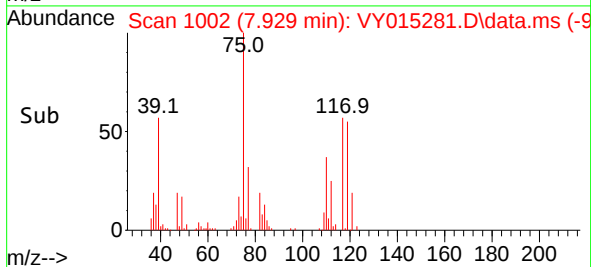
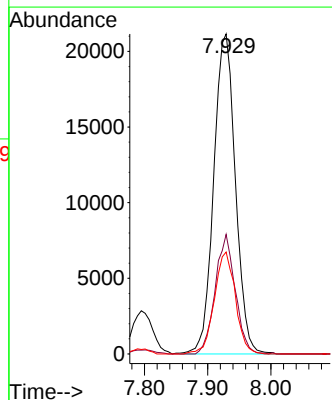
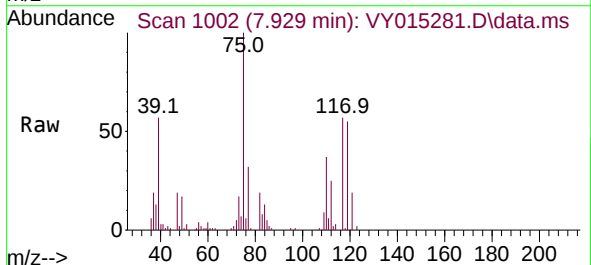
Instrument :
MSVOA_Y
ClientSampleId :
TP-01(6-7)MSD

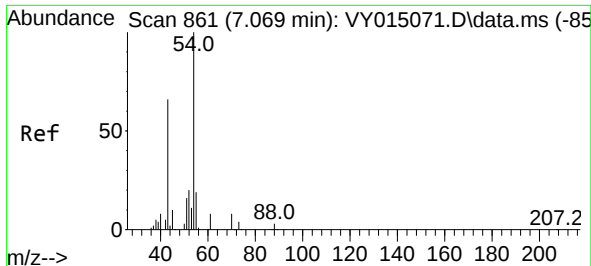
Tgt Ion:113 Resp: 52320
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 50.100 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.018 min
Lab File: VY015281.D
Acq: 23 Aug 2023 06:04

Tgt Ion: 75 Resp: 50305
Ion Ratio Lower Upper
75 100
110 34.4 17.8 53.5
77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 52.149 ug/l

RT: 7.082 min Scan# 80

Delta R.T. 0.012 min

Lab File: VY015281.D

Acq: 23 Aug 2023 06:04

Instrument :

MSVOA_Y

ClientSampleId :

TP-01(6-7)MSD

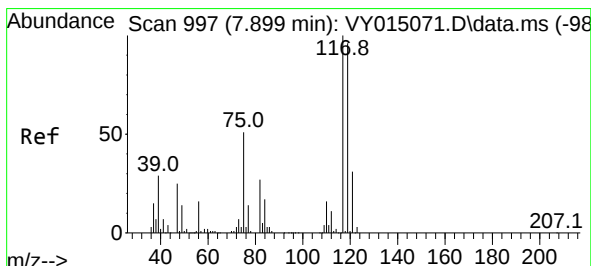
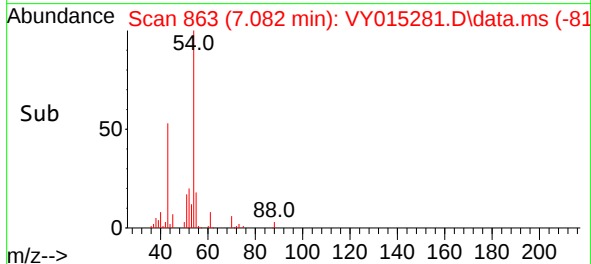
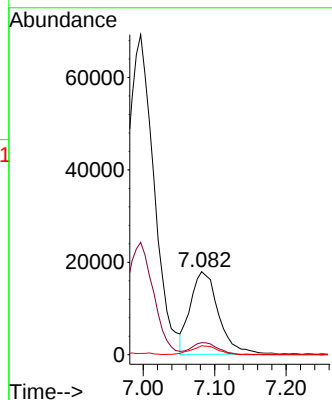
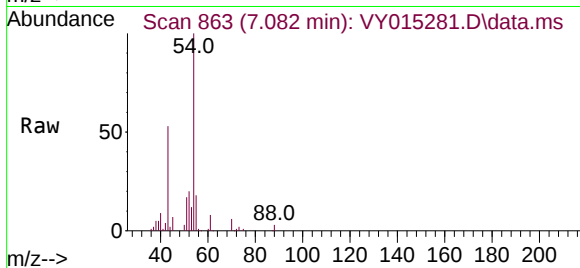
Tgt Ion: 43 Resp: 48808

Ion Ratio Lower Upper

43 100

61 13.8 10.1 15.1

70 10.3 7.1 10.7



#38

Carbon Tetrachloride

Concen: 51.348 ug/l

RT: 7.911 min Scan# 999

Delta R.T. 0.012 min

Lab File: VY015281.D

Acq: 23 Aug 2023 06:04

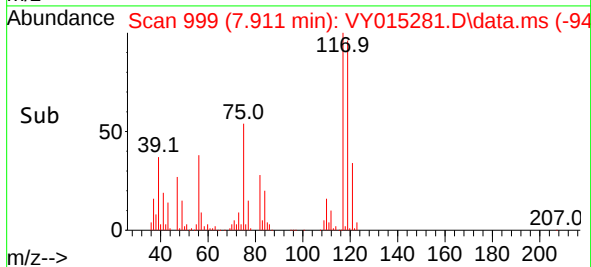
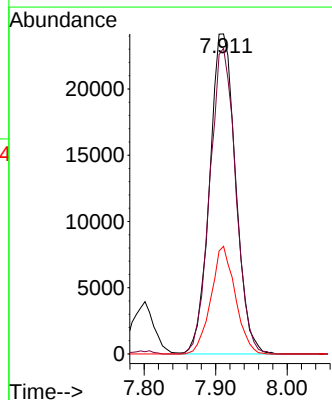
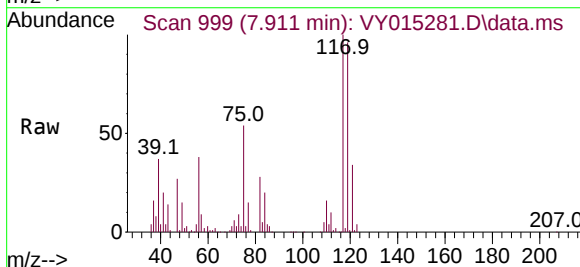
Tgt Ion: 117 Resp: 61019

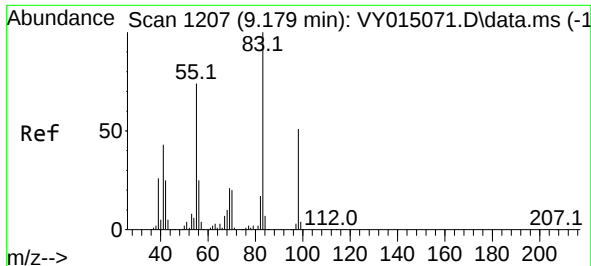
Ion Ratio Lower Upper

117 100

119 95.5 76.4 114.6

121 33.7 25.8 38.6

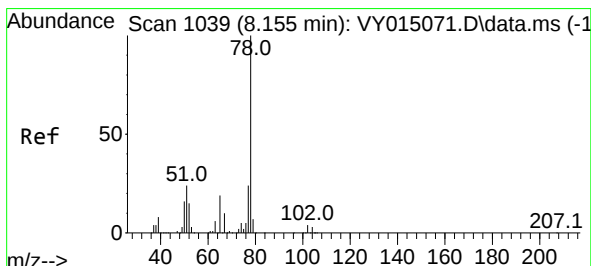
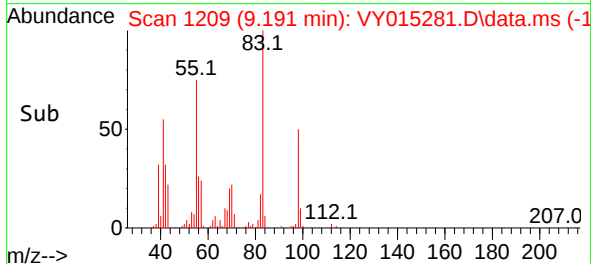
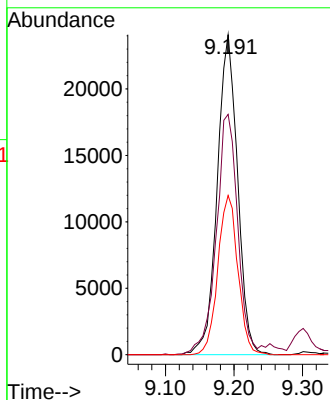
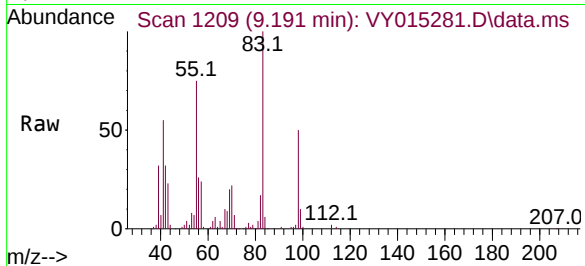




#39
Methylcyclohexane
Concen: 44.077 ug/l
RT: 9.191 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY015281.D
Acq: 23 Aug 2023 06:04

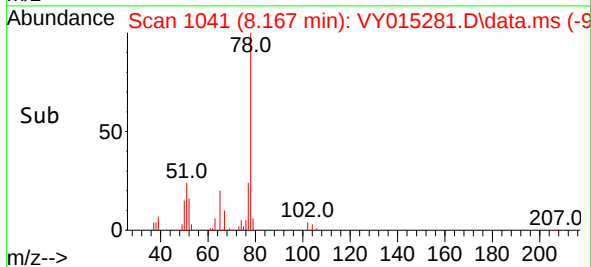
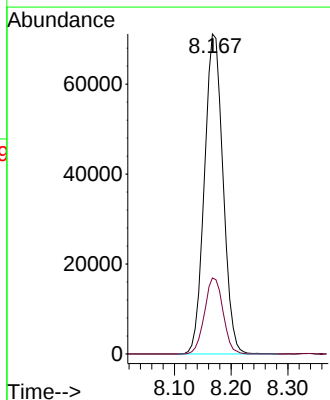
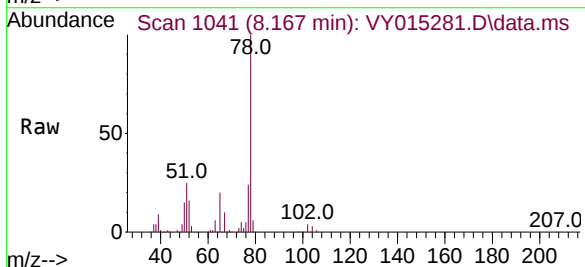
Instrument :
MSVOA_Y
ClientSampleId :
TP-01(6-7)MSD

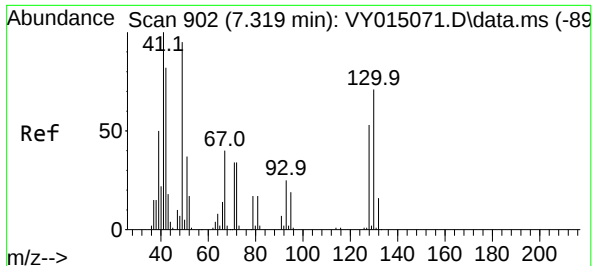
Tgt Ion: 83 Resp: 49614
Ion Ratio Lower Upper
83 100
55 74.9 63.0 94.4
98 49.8 37.4 56.2



#40
Benzene
Concen: 53.379 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VY015281.D
Acq: 23 Aug 2023 06:04

Tgt Ion: 78 Resp: 162045
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6

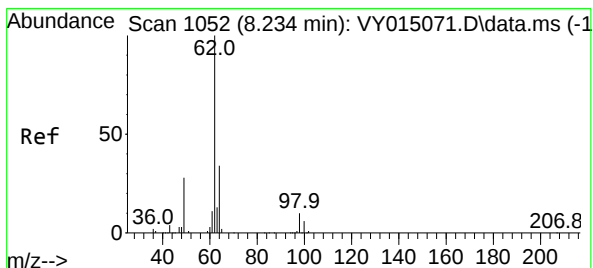
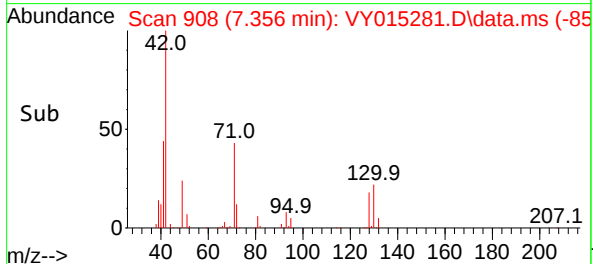
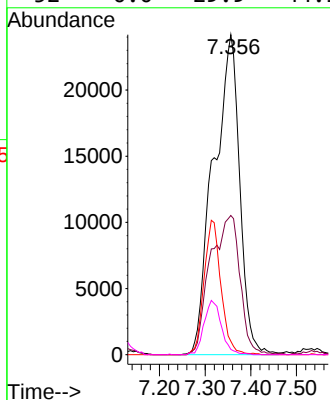
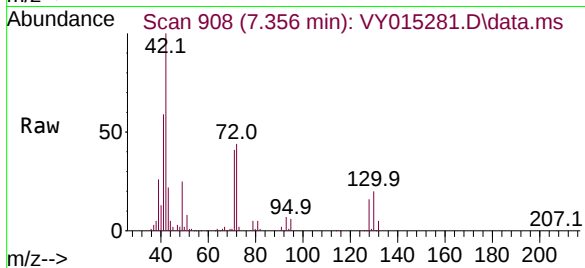




#41
Methacrylonitrile
Concen: 199.115 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.049 min
Lab File: VY015281.D
Acq: 23 Aug 2023 06:04

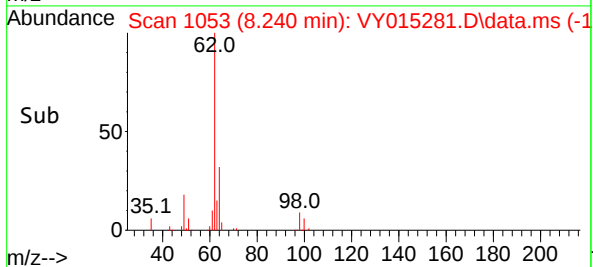
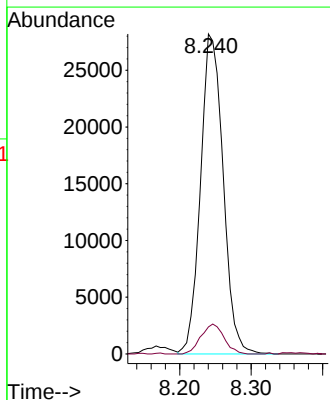
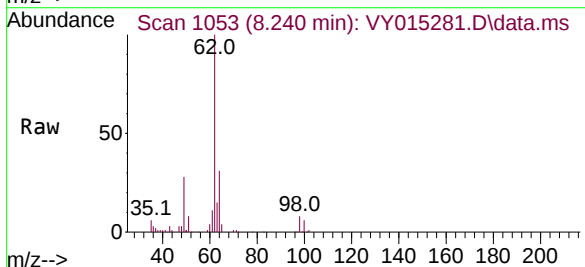
Instrument :
MSVOA_Y
ClientSampleId :
TP-01(6-7)MSD

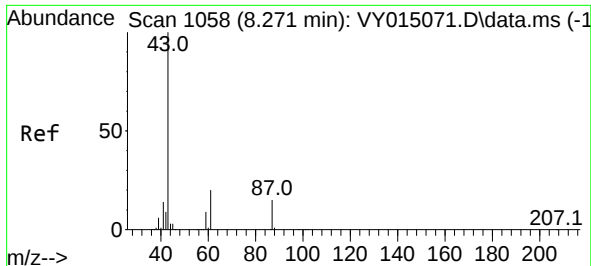
Tgt Ion:	41	Resp:	96096
Ion Ratio	Lower	Upper	
41	100		
39	49.5	52.1	78.1#
67	0.0	66.2	99.2#
52	0.0	29.9	44.9#



#42
1,2-Dichloroethane
Concen: 56.172 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY015281.D
Acq: 23 Aug 2023 06:04

Tgt Ion:	62	Resp:	61930
Ion Ratio	Lower	Upper	
62	100		
98	9.5	0.0	15.8

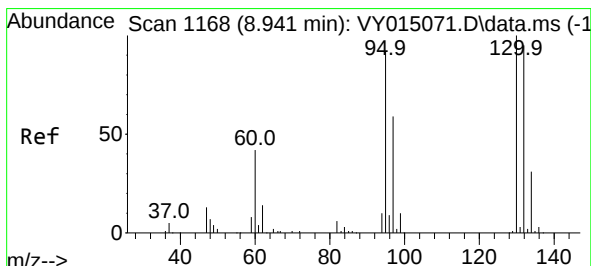
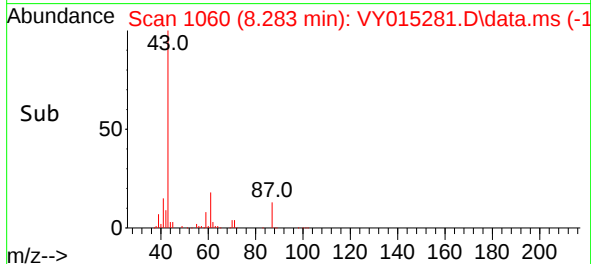
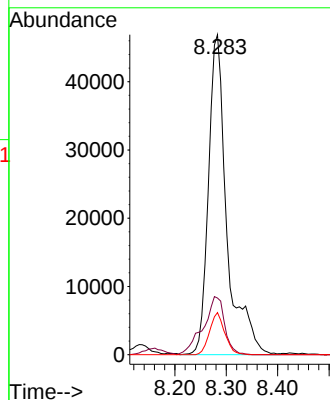
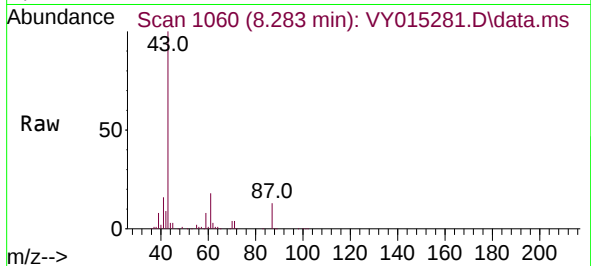




#43
Isopropyl Acetate
Concen: 68.679 ug/l
RT: 8.283 min Scan# 1105
Delta R.T. 0.012 min
Lab File: VY015281.D
Acq: 23 Aug 2023 06:04

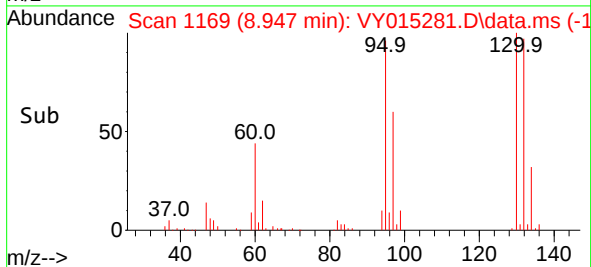
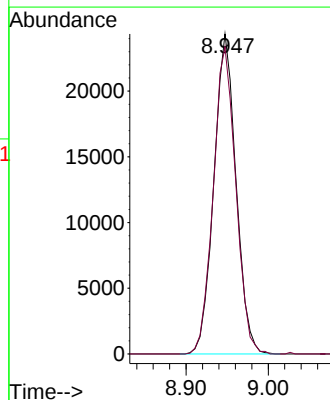
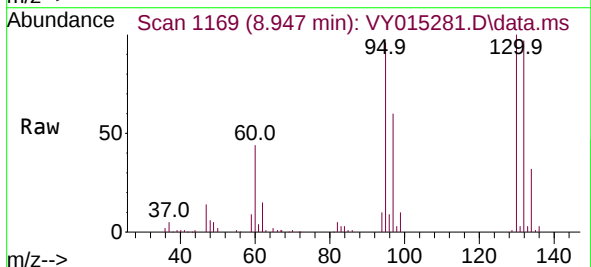
Instrument :
MSVOA_Y
ClientSampleId :
TP-01(6-7)MSD

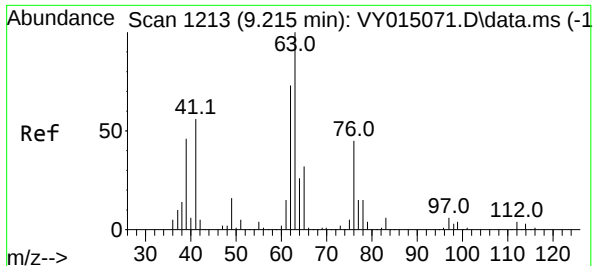
Tgt Ion: 43 Resp: 117056
Ion Ratio Lower Upper
43 100
61 21.0 21.1 31.7#
87 10.8 9.8 14.8



#44
Trichloroethene
Concen: 52.080 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.012 min
Lab File: VY015281.D
Acq: 23 Aug 2023 06:04

Tgt Ion:130 Resp: 45548
Ion Ratio Lower Upper
130 100
95 95.8 0.0 196.0





#45

1,2-Dichloropropane

Concen: 53.801 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.012 min

Lab File: VY015281.D

Acq: 23 Aug 2023 06:04

Instrument :

MSVOA_Y

ClientSampleId :

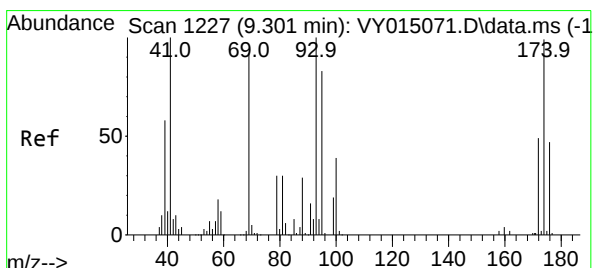
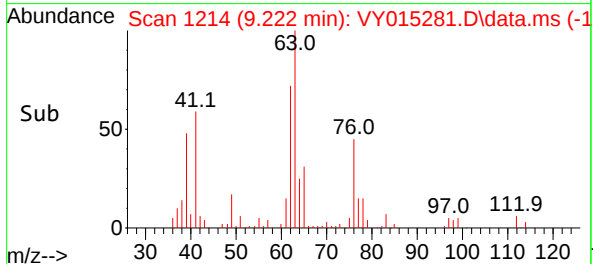
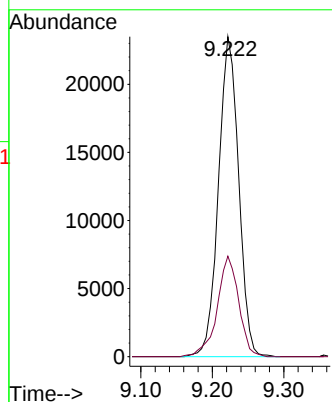
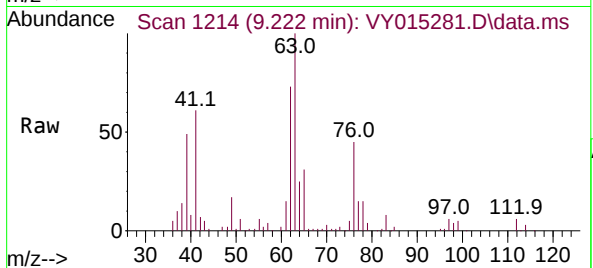
TP-01(6-7)MSD

Tgt Ion: 63 Resp: 46055

Ion Ratio Lower Upper

63 100

65 31.4 23.8 35.6



#46

Dibromomethane

Concen: 57.246 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.012 min

Lab File: VY015281.D

Acq: 23 Aug 2023 06:04

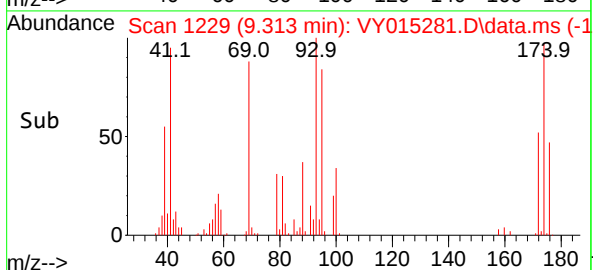
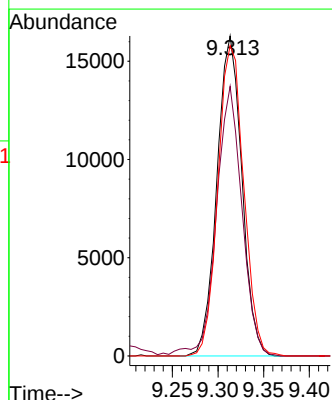
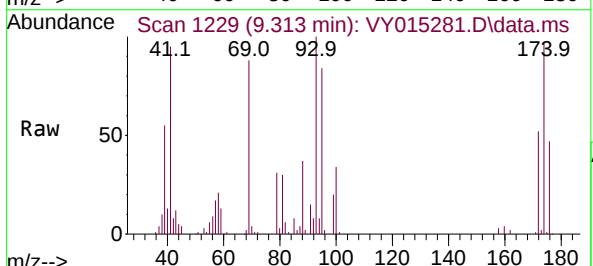
Tgt Ion: 93 Resp: 30907

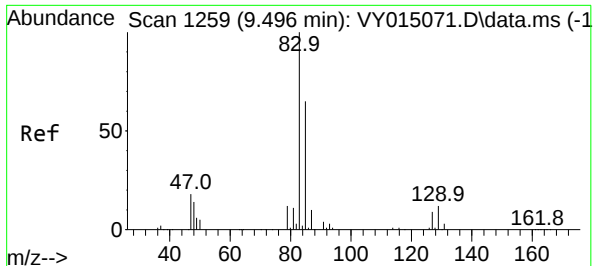
Ion Ratio Lower Upper

93 100

95 86.1 66.6 100.0

174 100.4 84.8 127.2





#47

Bromodichloromethane

Concen: 55.175 ug/l

RT: 9.502 min Scan# 1260

Delta R.T. 0.006 min

Lab File: VY015281.D

Acq: 23 Aug 2023 06:04

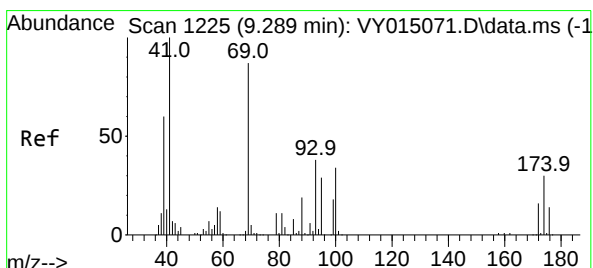
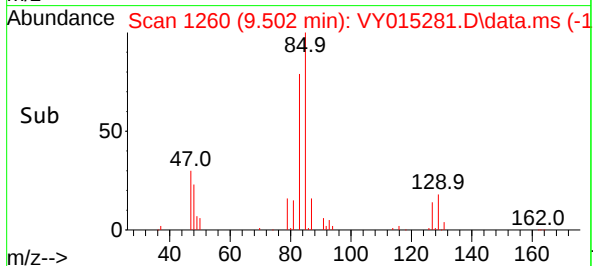
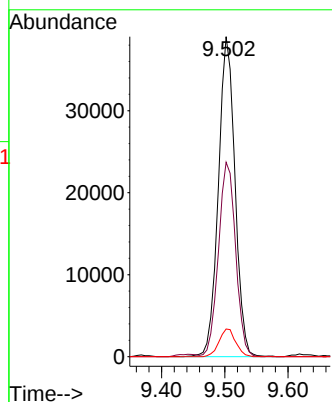
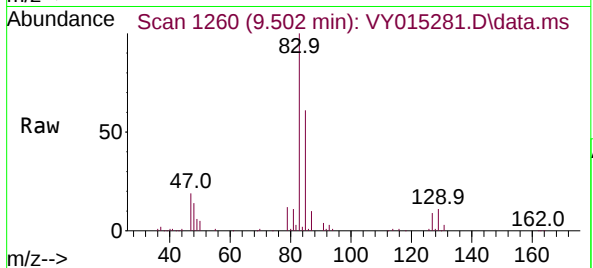
Instrument :

MSVOA_Y

ClientSampleId :

TP-01(6-7)MSD

Tgt Ion: 83	Resp: 71085
Ion Ratio	Lower Upper
83	100
85	60.8 50.1 75.1
127	8.6 7.1 10.7



#48

Methyl methacrylate

Concen: 68.283 ug/l

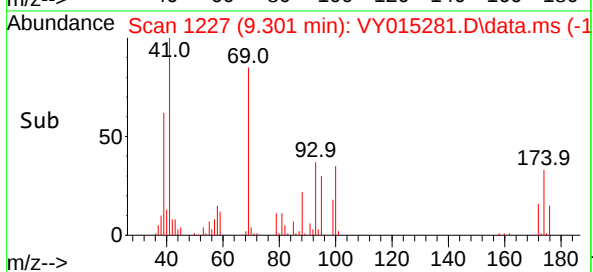
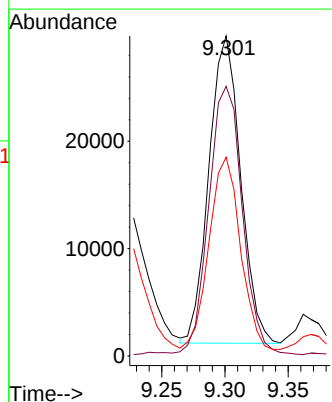
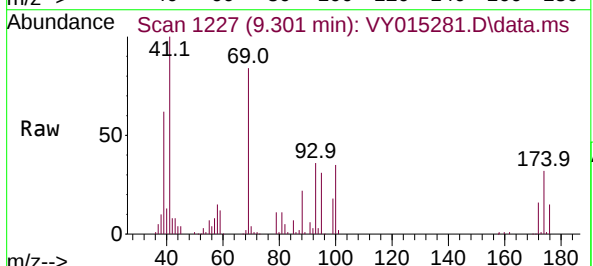
RT: 9.301 min Scan# 1227

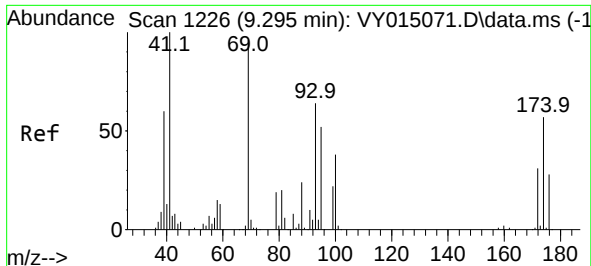
Delta R.T. 0.012 min

Lab File: VY015281.D

Acq: 23 Aug 2023 06:04

Tgt Ion: 41	Resp: 49785
Ion Ratio	Lower Upper
41	100
69	92.7 64.5 96.7
39	67.5 50.8 76.2





#49

1,4-Dioxane

Concen: 1590.377 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.012 min

Lab File: VY015281.D

Acq: 23 Aug 2023 06:04

Instrument :

MSVOA_Y

ClientSampleId :

TP-01(6-7)MSD

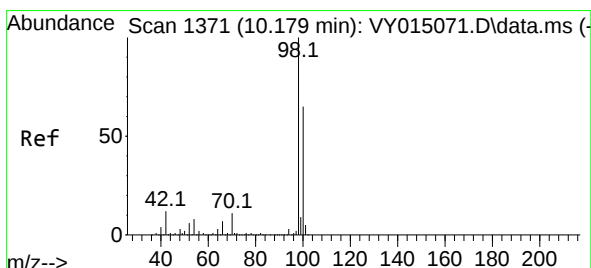
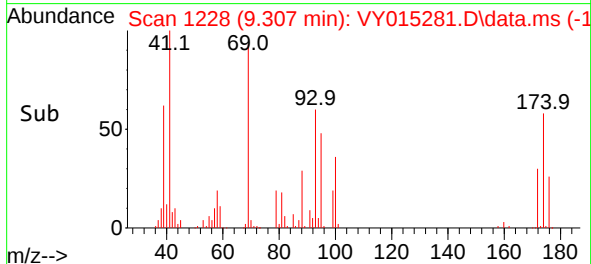
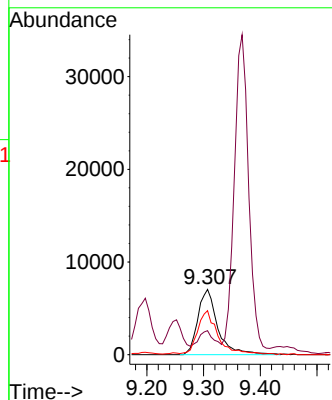
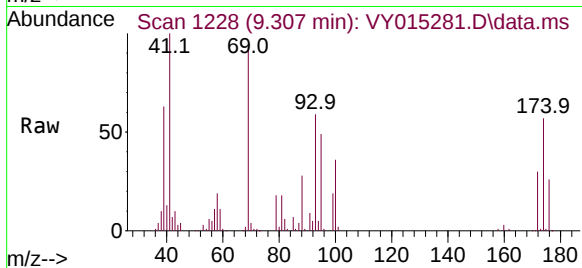
Tgt Ion: 88 Resp: 17170

Ion Ratio Lower Upper

88 100

43 32.3 0.0 0.0#

58 69.9 30.9 46.3#



#50

Toluene-d8

Concen: 55.052 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY015281.D

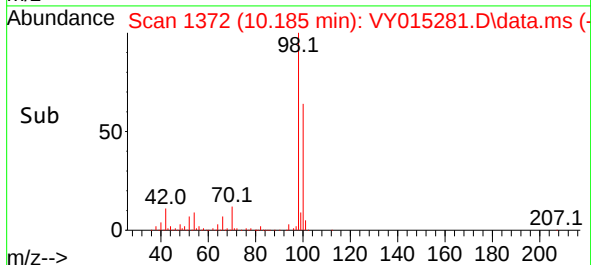
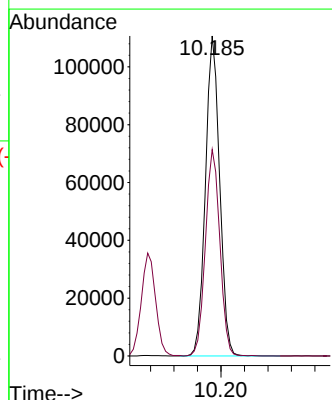
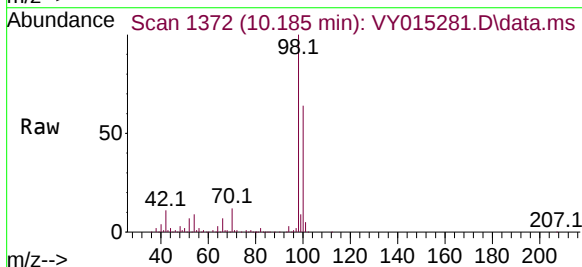
Acq: 23 Aug 2023 06:04

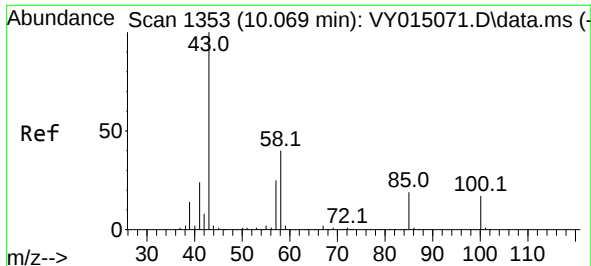
Tgt Ion: 98 Resp: 185997

Ion Ratio Lower Upper

98 100

100 65.6 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 366.870 ug/l

RT: 10.075 min Scan# 1353

Delta R.T. 0.006 min

Lab File: VY015281.D

Acq: 23 Aug 2023 06:04

Instrument :

MSVOA_Y

ClientSampleId :

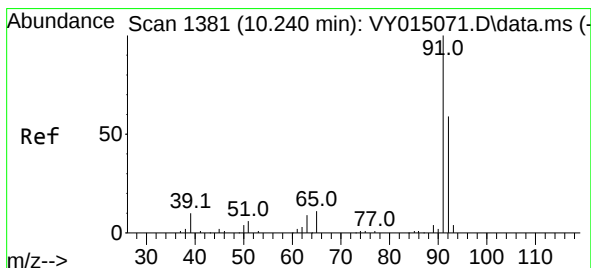
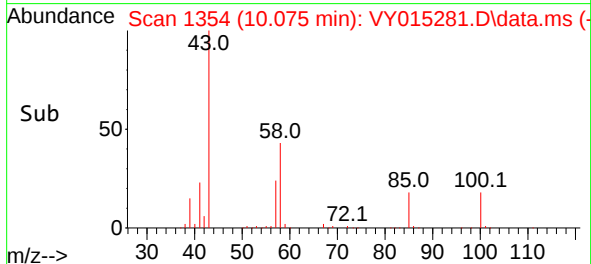
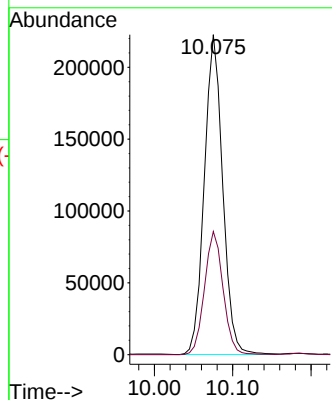
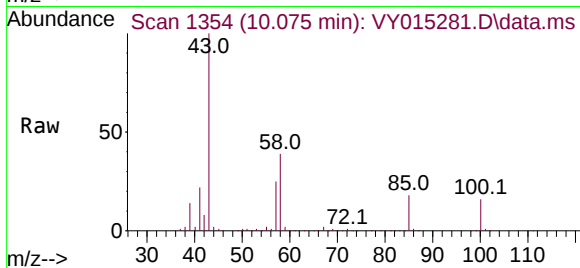
TP-01(6-7)MSD

Tgt Ion: 43 Resp: 362393

Ion Ratio Lower Upper

43 100

58 38.9 29.0 43.6



#52

Toluene

Concen: 50.777 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.006 min

Lab File: VY015281.D

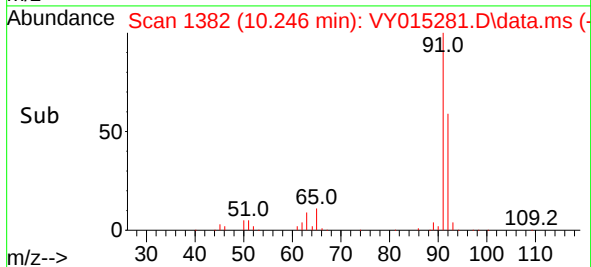
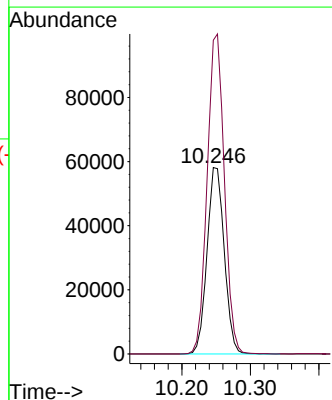
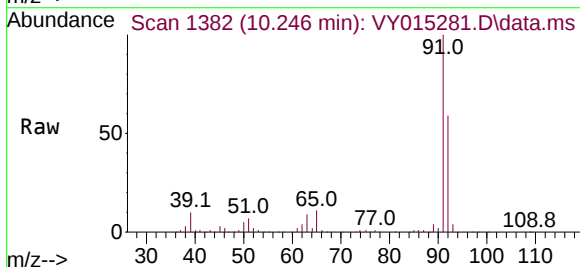
Acq: 23 Aug 2023 06:04

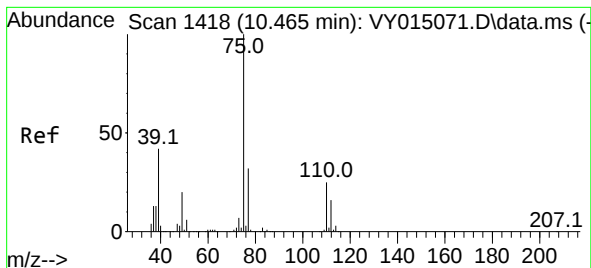
Tgt Ion: 92 Resp: 101598

Ion Ratio Lower Upper

92 100

91 171.5 143.8 215.6

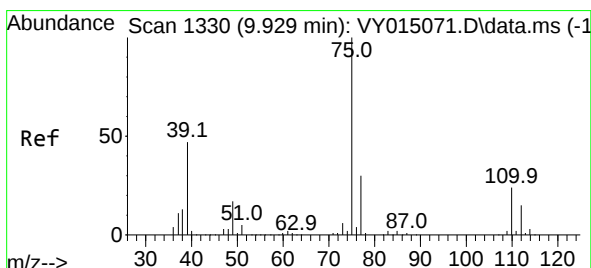
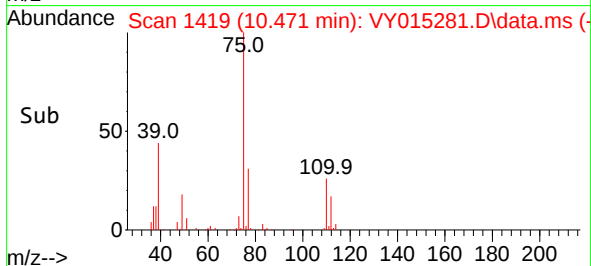
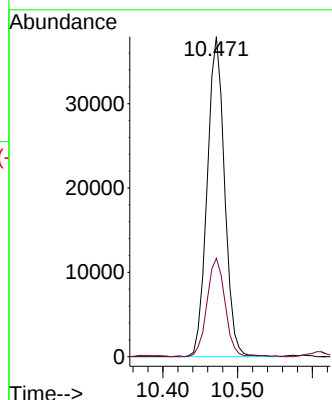
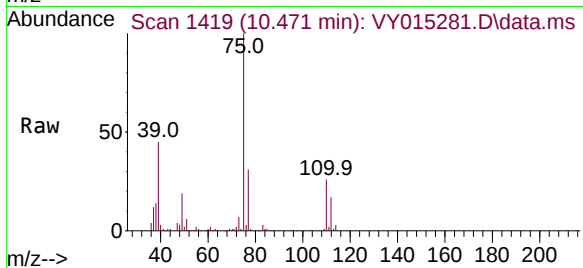




#53
 t-1,3-Dichloropropene
 Concen: 45.243 ug/l
 RT: 10.471 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VY015281.D
 Acq: 23 Aug 2023 06:04

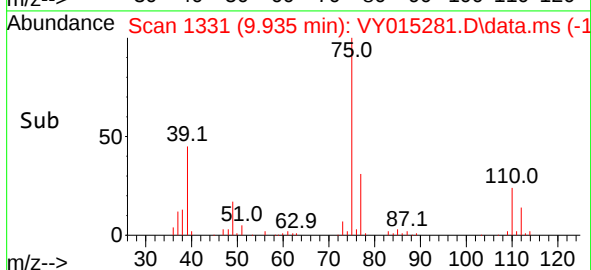
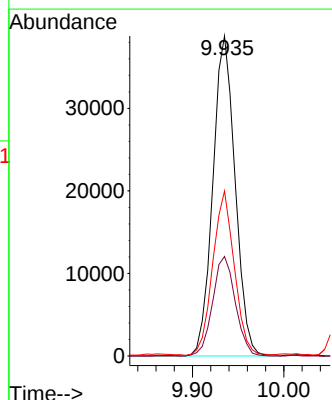
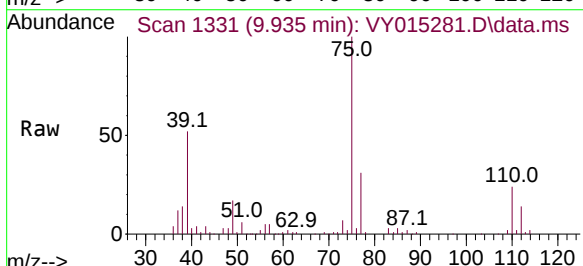
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-01(6-7)MSD

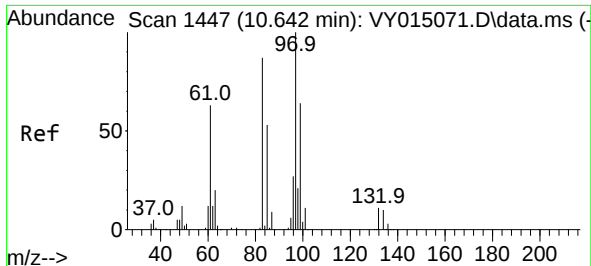
Tgt Ion: 75 Resp: 61258
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 46.133 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.012 min
 Lab File: VY015281.D
 Acq: 23 Aug 2023 06:04

Tgt Ion: 75 Resp: 65783
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.2 36.4
 39 51.1 42.2 63.4

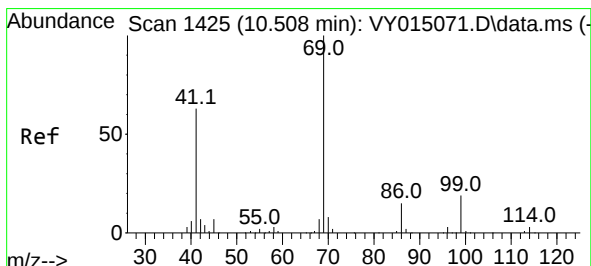
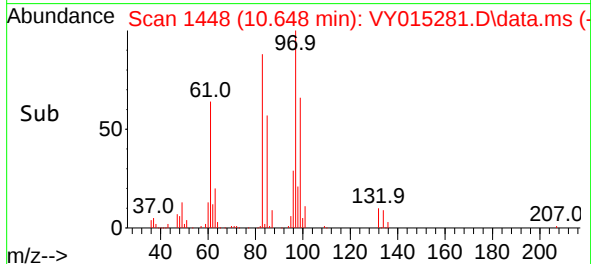
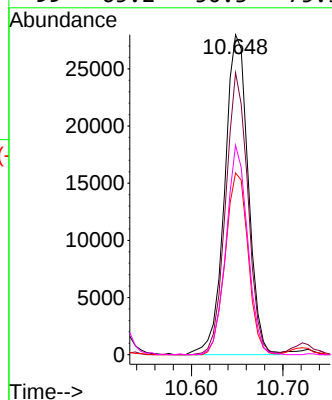
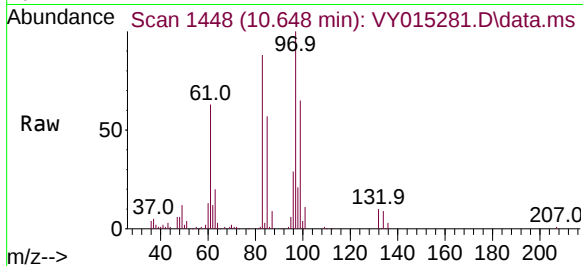




#55
1,1,2-Trichloroethane
Concen: 61.037 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY015281.D
Acq: 23 Aug 2023 06:04

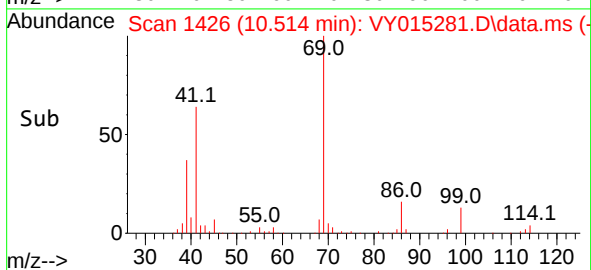
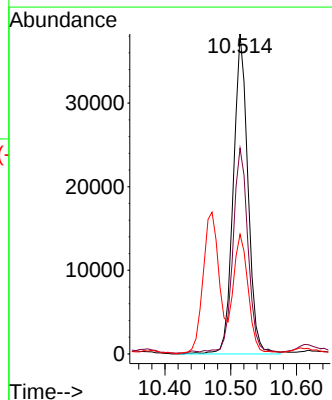
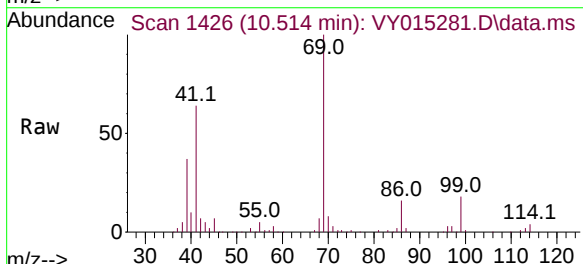
Instrument :
MSVOA_Y
ClientSampleId :
TP-01(6-7)MSD

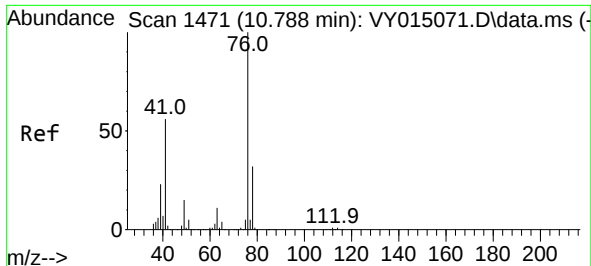
Tgt Ion:	97	Resp:	50107
Ion	Ratio	Lower	Upper
97	100		
83	88.1	72.0	108.0
85	56.8	45.4	68.0
99	65.2	50.3	75.5



#56
Ethyl methacrylate
Concen: 49.473 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY015281.D
Acq: 23 Aug 2023 06:04

Tgt Ion:	69	Resp:	59438
Ion	Ratio	Lower	Upper
69	100		
41	66.8	57.6	86.4
39	36.6	34.1	51.1





#57

1,3-Dichloropropane

Concen: 57.831 ug/l

RT: 10.795 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY015281.D

Acq: 23 Aug 2023 06:04

Instrument :

MSVOA_Y

ClientSampleId :

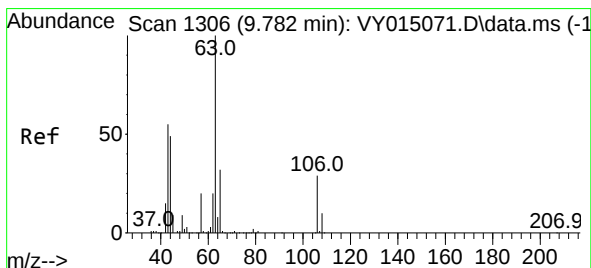
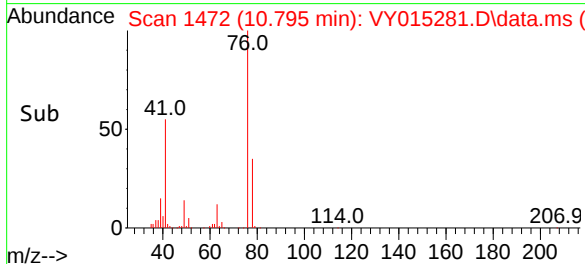
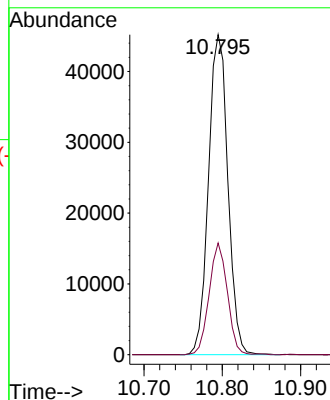
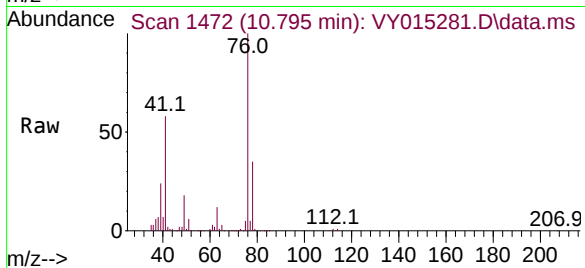
TP-01(6-7)MSD

Tgt Ion: 76 Resp: 77564

Ion Ratio Lower Upper

76 100

78 32.8 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 289.381 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.012 min

Lab File: VY015281.D

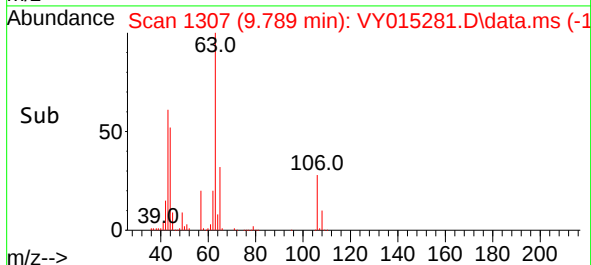
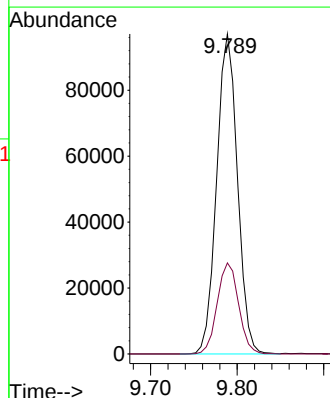
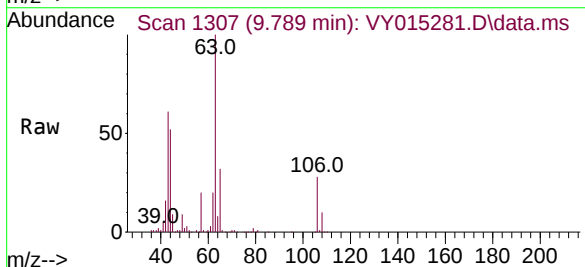
Acq: 23 Aug 2023 06:04

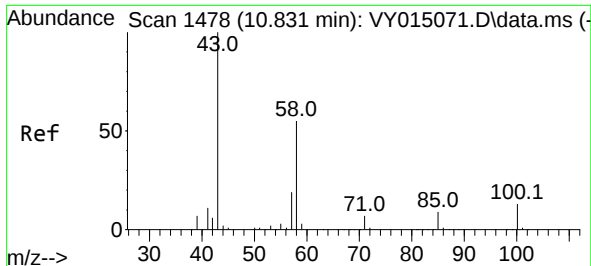
Tgt Ion: 63 Resp: 161797

Ion Ratio Lower Upper

63 100

106 29.2 21.2 31.8

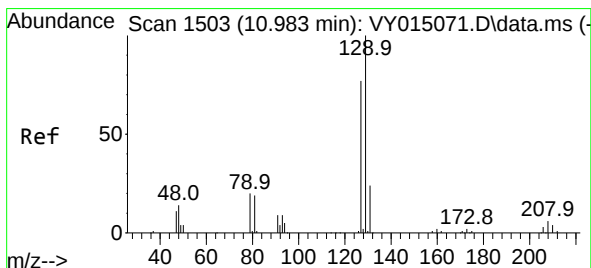
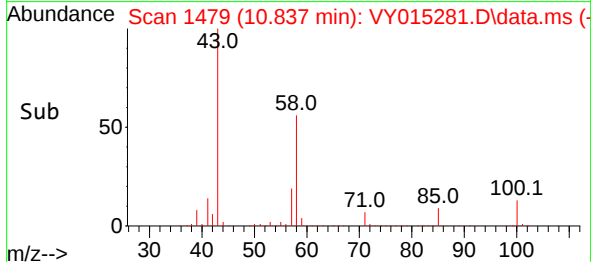
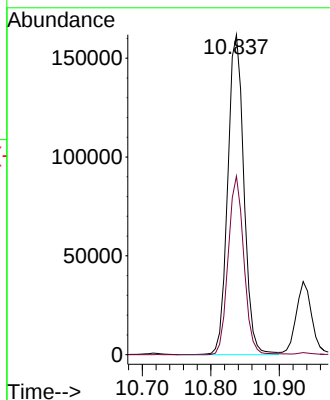
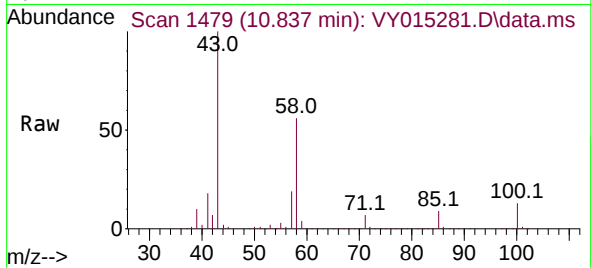




#59
2-Hexanone
Concen: 362.726 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY015281.D
Acq: 23 Aug 2023 06:04

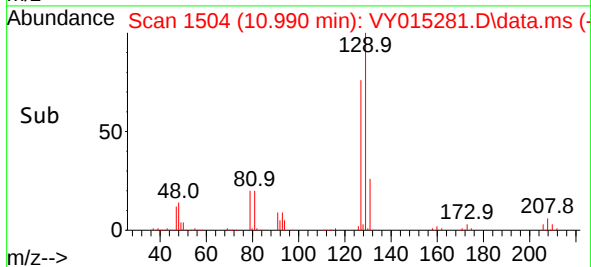
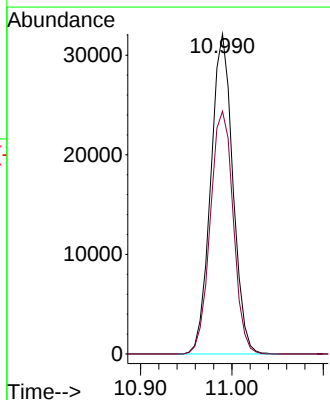
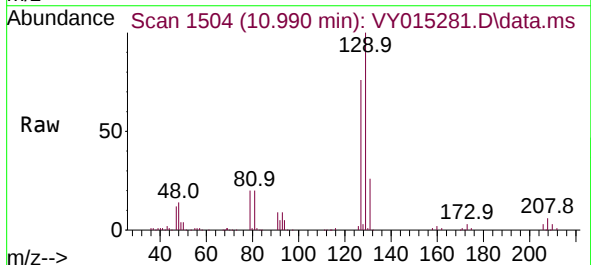
Instrument :
MSVOA_Y
ClientSampleId :
TP-01(6-7)MSD

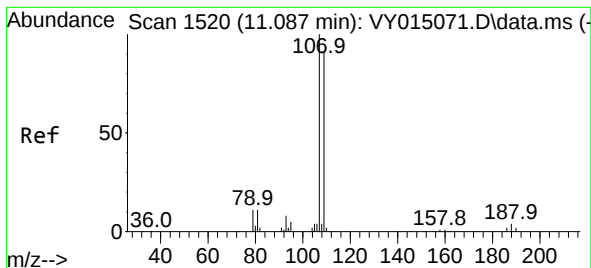
Tgt Ion: 43 Resp: 265180
Ion Ratio Lower Upper
43 100
58 54.1 25.1 75.3



#60
Dibromochloromethane
Concen: 54.996 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY015281.D
Acq: 23 Aug 2023 06:04

Tgt Ion:129 Resp: 53855
Ion Ratio Lower Upper
129 100
127 78.6 38.5 115.5

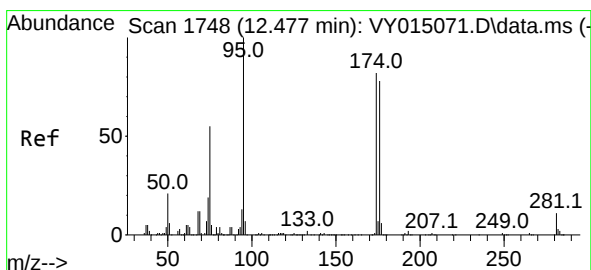
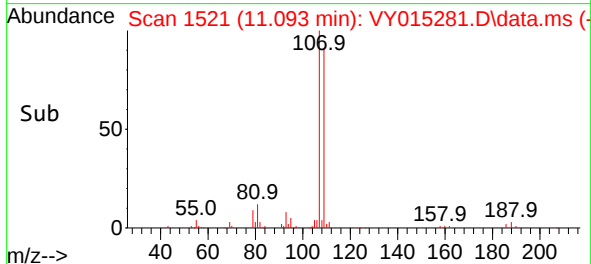
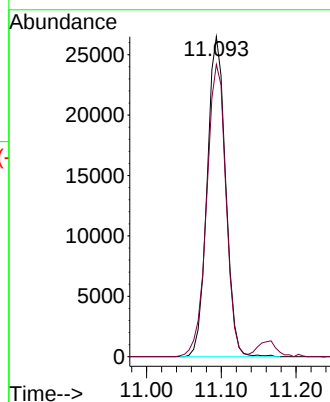
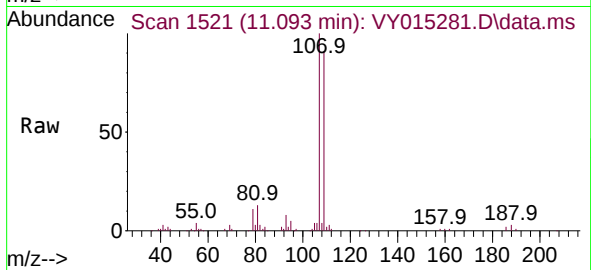




#61
1,2-Dibromoethane
Concen: 58.180 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015281.D
Acq: 23 Aug 2023 06:04

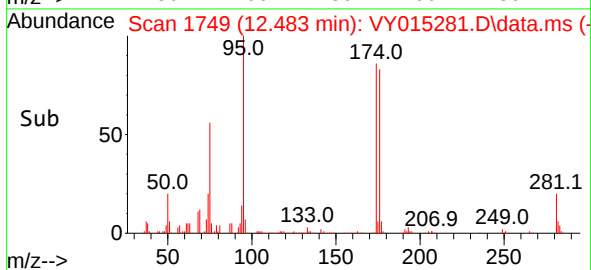
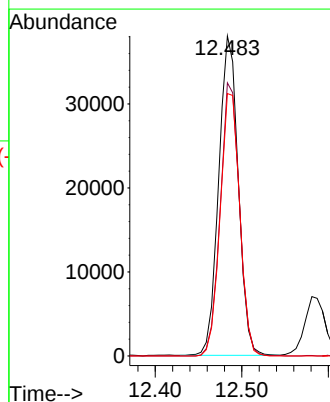
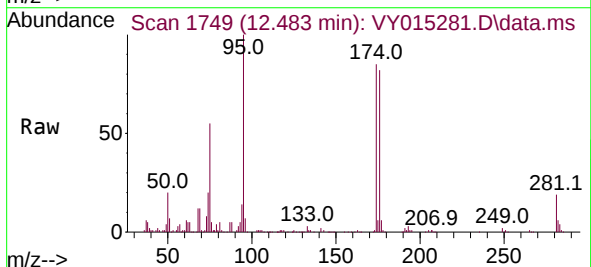
Instrument :
MSVOA_Y
ClientSampleId :
TP-01(6-7)MSD

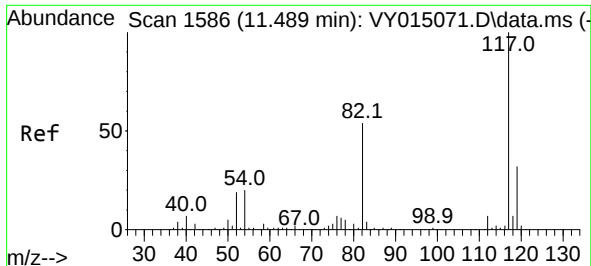
Tgt Ion:107 Resp: 45372
Ion Ratio Lower Upper
107 100
109 95.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.258 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015281.D
Acq: 23 Aug 2023 06:04

Tgt Ion: 95 Resp: 59552
Ion Ratio Lower Upper
95 100
174 84.0 0.0 178.2
176 82.3 0.0 173.8

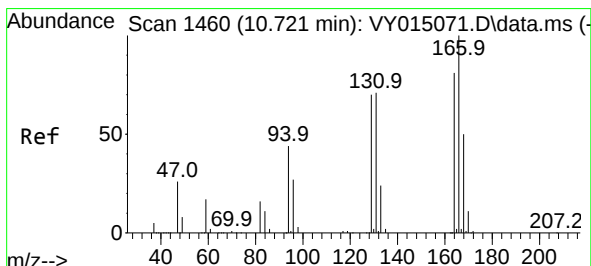
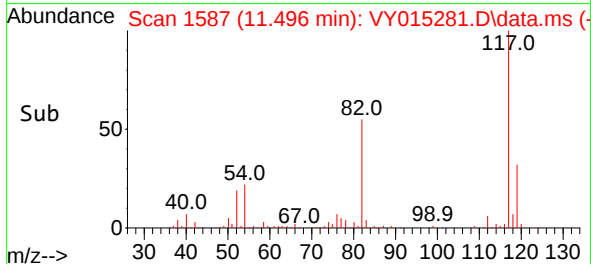
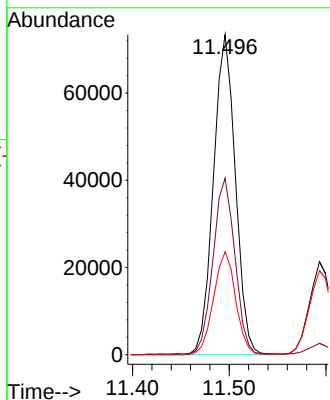
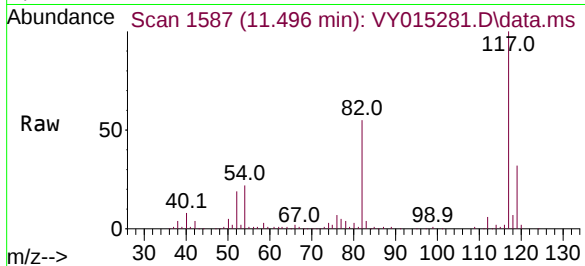




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 115551
Delta R.T. 0.006 min
Lab File: VY015281.D
Acq: 23 Aug 2023 06:04

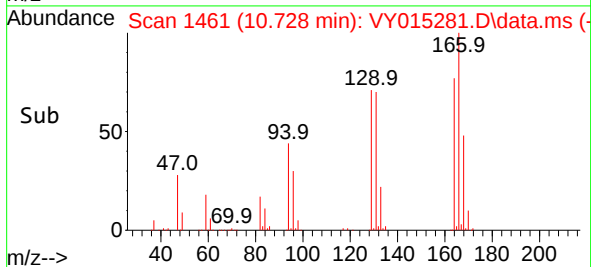
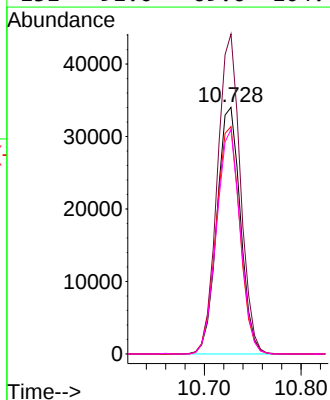
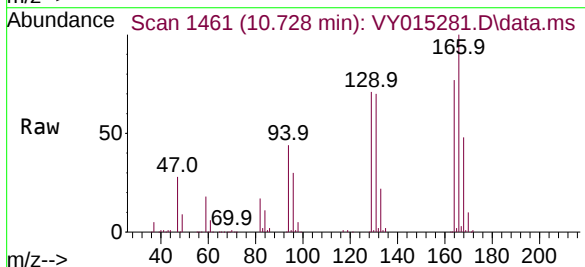
Instrument :
MSVOA_Y
ClientSampleId :
TP-01(6-7)MSD

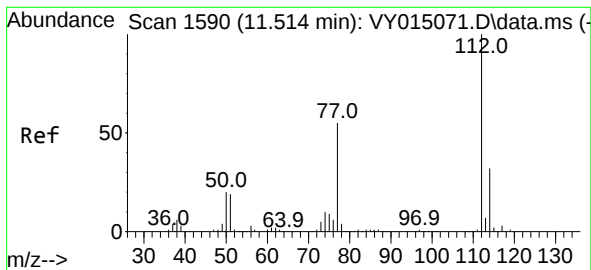
Tgt Ion:117 Resp: 115551
Ion Ratio Lower Upper
117 100
82 54.9 43.4 65.0
119 32.2 26.3 39.5



#64
Tetrachloroethene
Concen: 71.205 ug/l
RT: 10.728 min Scan# 1461
Delta R.T. 0.012 min
Lab File: VY015281.D
Acq: 23 Aug 2023 06:04

Tgt Ion:164 Resp: 57323
Ion Ratio Lower Upper
164 100
166 129.8 103.0 154.6
129 92.2 77.2 115.8
131 91.0 69.6 104.4

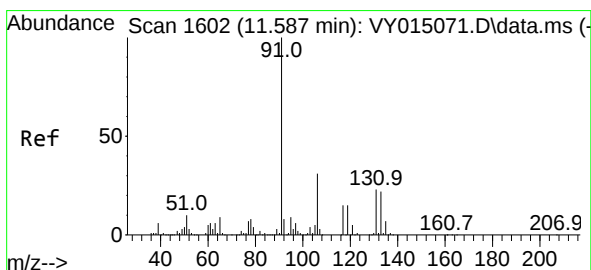
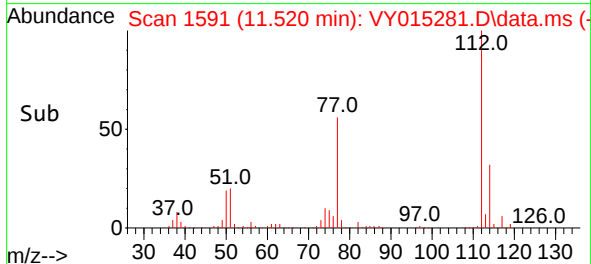
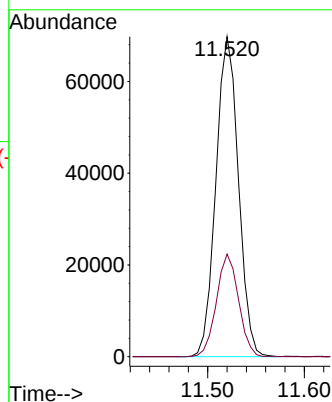
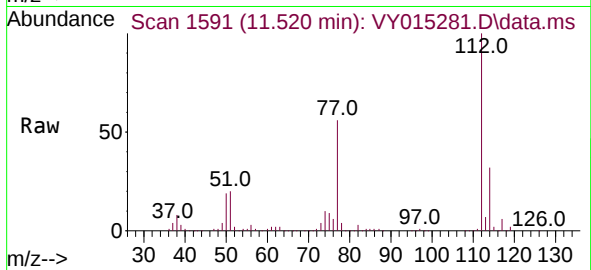




#65
Chlorobenzene
Concen: 53.463 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015281.D
Acq: 23 Aug 2023 06:04

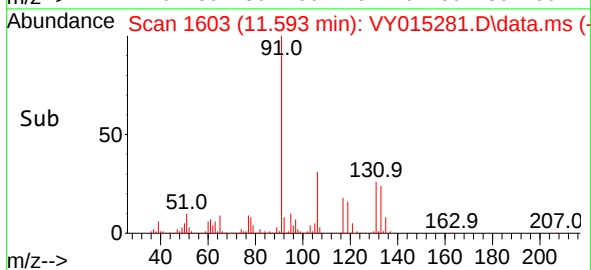
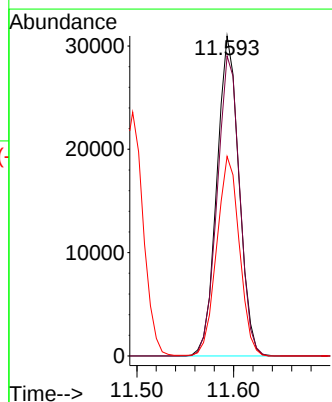
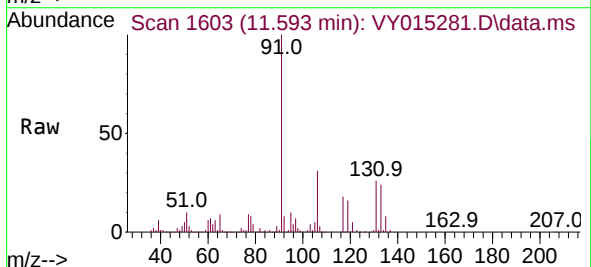
Instrument :
MSVOA_Y
ClientSampleId :
TP-01(6-7)MSD

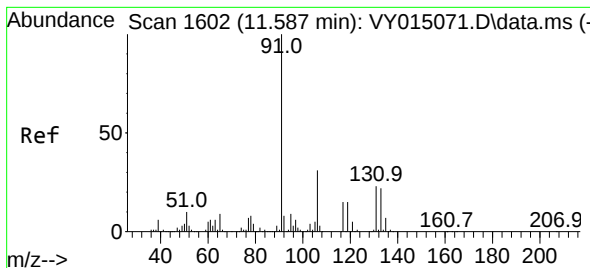
Tgt Ion:112 Resp: 112559
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 57.586 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015281.D
Acq: 23 Aug 2023 06:04

Tgt Ion:131 Resp: 49193
Ion Ratio Lower Upper
131 100
133 95.0 47.5 142.6
119 63.8 31.6 94.7





#67

Ethyl Benzene

Concen: 53.244 ug/l

RT: 11.599 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY015281.D

Acq: 23 Aug 2023 06:04

Instrument :

MSVOA_Y

ClientSampleId :

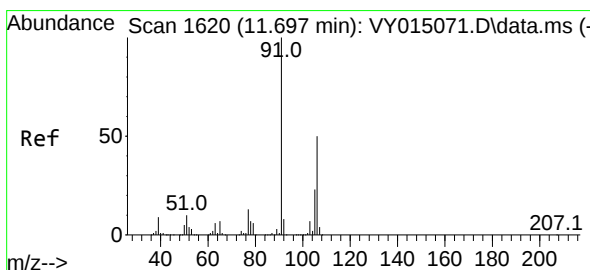
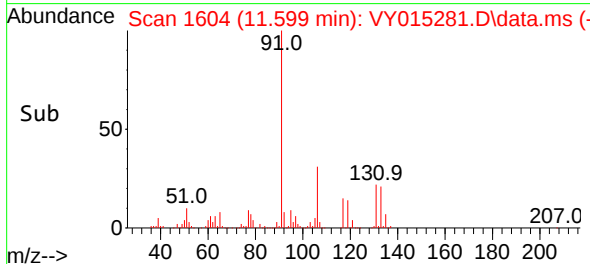
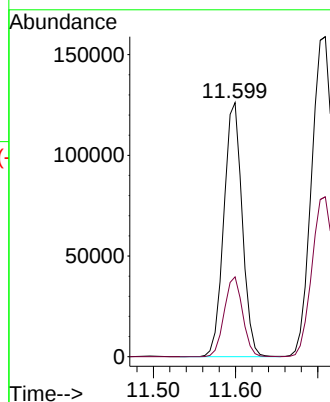
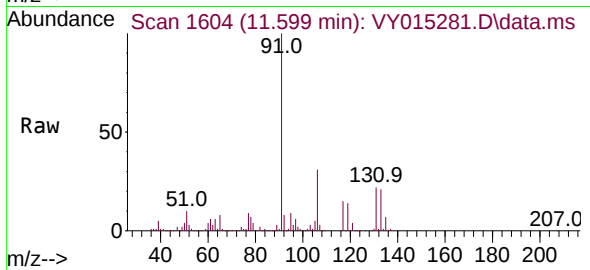
TP-01(6-7)MSD

Tgt Ion: 91 Resp: 196404

Ion Ratio Lower Upper

91 100

106 31.4 24.6 36.8



#68

m/p-Xylenes

Concen: 105.339 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.012 min

Lab File: VY015281.D

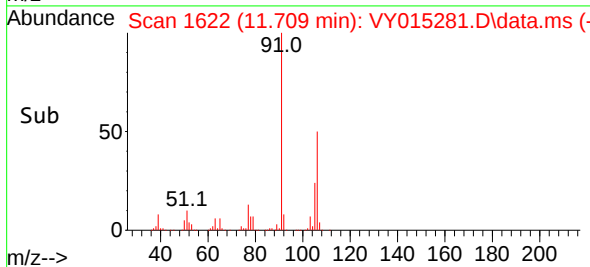
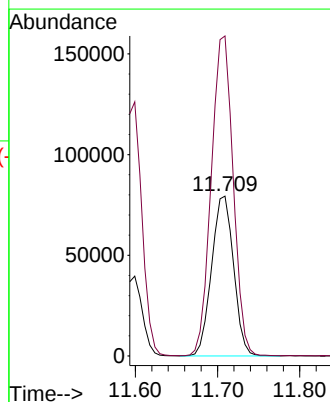
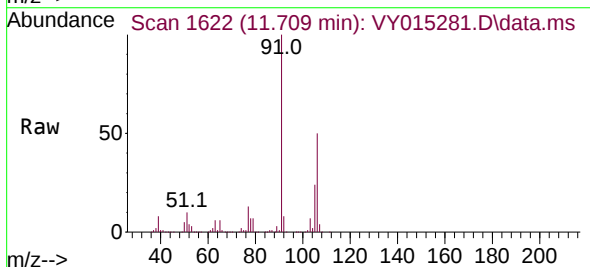
Acq: 23 Aug 2023 06:04

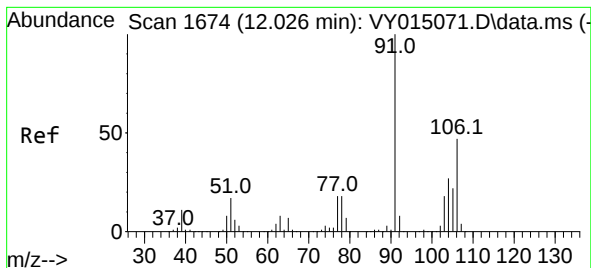
Tgt Ion: 106 Resp: 147581

Ion Ratio Lower Upper

106 100

91 199.2 166.1 249.1

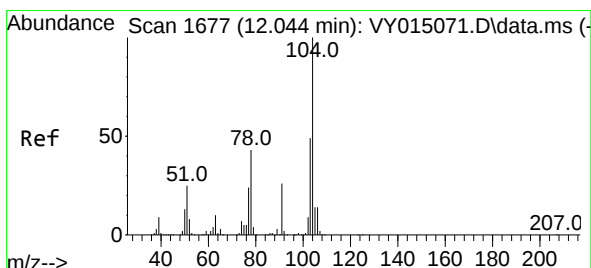
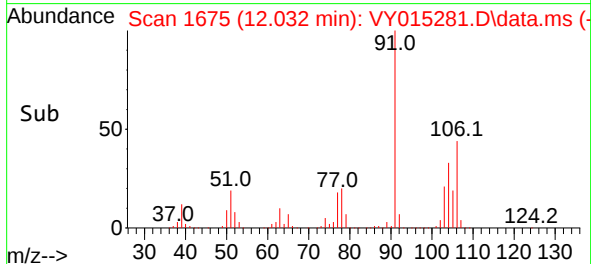
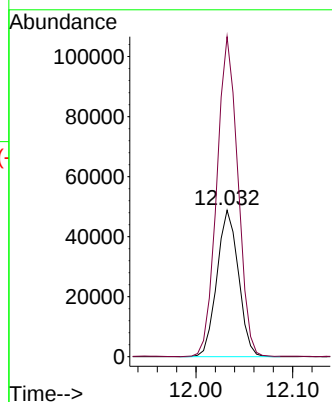
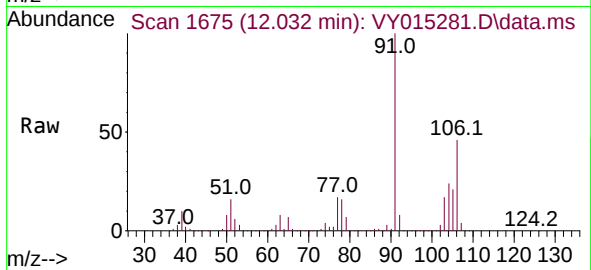




#69
o-Xylene
Concen: 53.934 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY015281.D
Acq: 23 Aug 2023 06:04

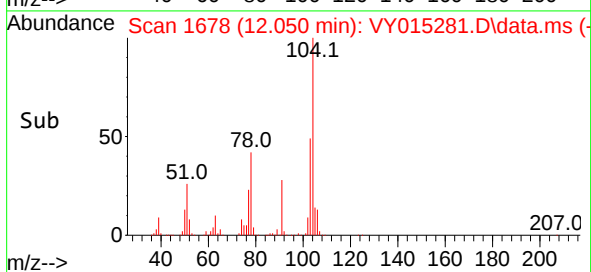
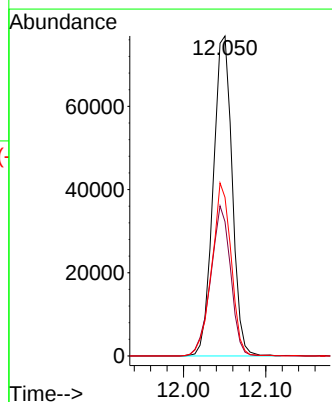
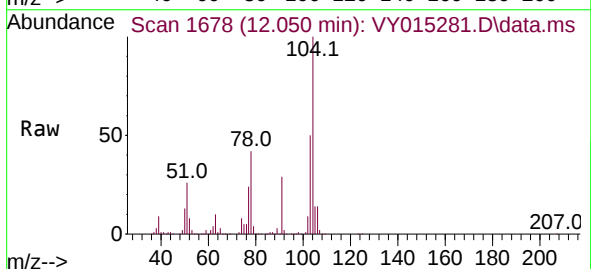
Instrument :
MSVOA_Y
ClientSampleId :
TP-01(6-7)MSD

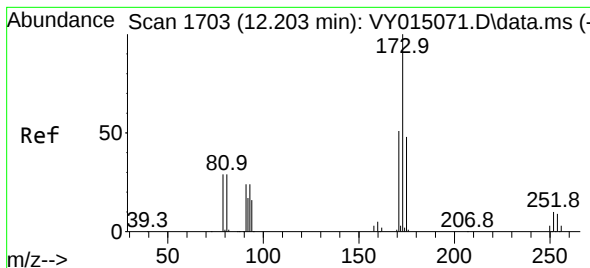
Tgt Ion:106 Resp: 75274
Ion Ratio Lower Upper
106 100
91 214.8 108.1 324.3



#70
Styrene
Concen: 50.991 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY015281.D
Acq: 23 Aug 2023 06:04

Tgt Ion:104 Resp: 123173
Ion Ratio Lower Upper
104 100
78 49.4 41.5 62.3
103 55.5 44.6 67.0





#71

Bromoform

Concen: 61.780 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015281.D

Acq: 23 Aug 2023 06:04

Instrument :

MSVOA_Y

ClientSampleId :

TP-01(6-7)MSD

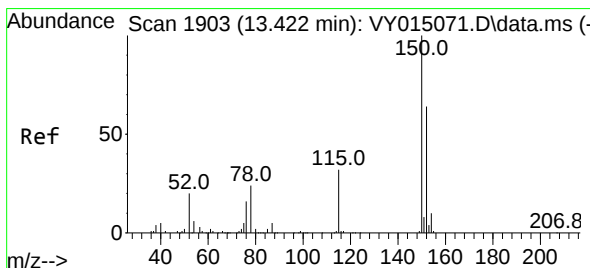
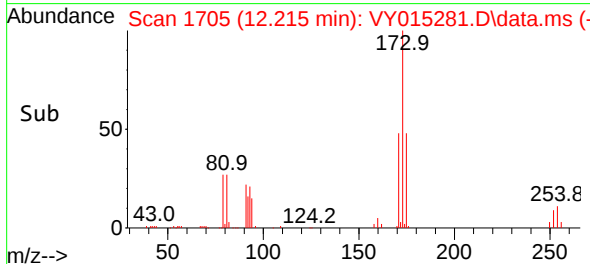
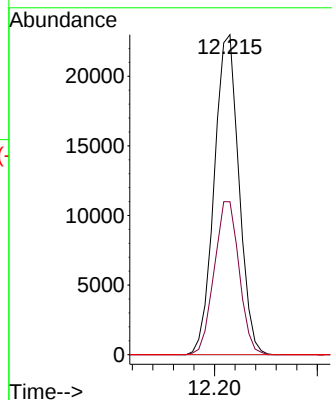
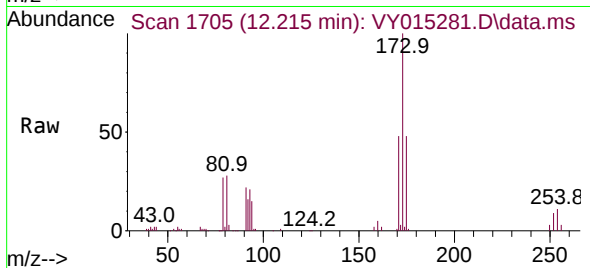
Tgt Ion:173 Resp: 38258

Ion Ratio Lower Upper

173 100

175 48.4 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: VY015281.D

Acq: 23 Aug 2023 06:04

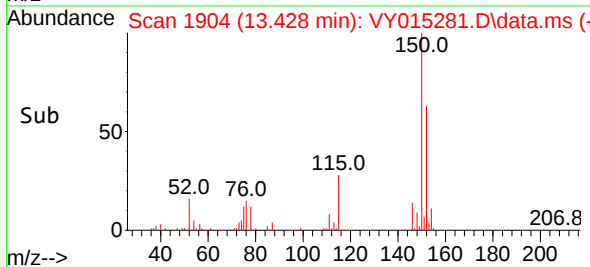
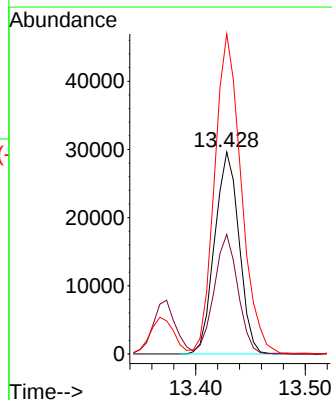
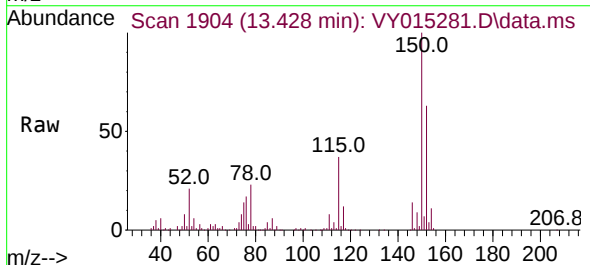
Tgt Ion:152 Resp: 45791

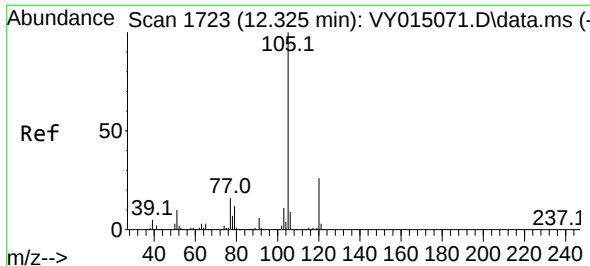
Ion Ratio Lower Upper

152 100

115 57.7 28.8 86.5

150 173.7 0.0 348.8

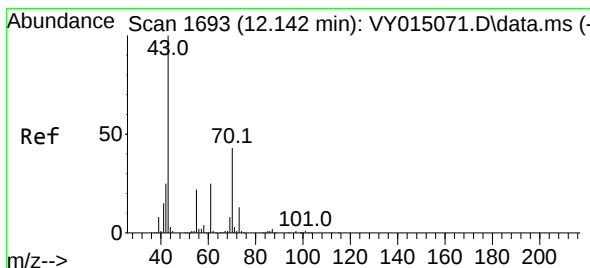
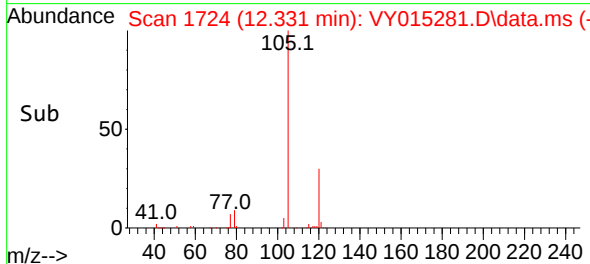
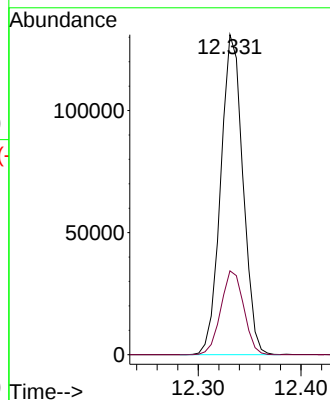
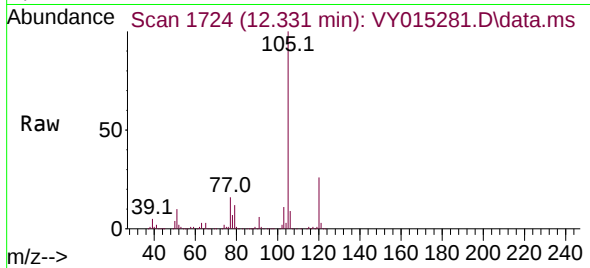




#73
Isopropylbenzene
Concen: 66.792 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY015281.D
Acq: 23 Aug 2023 06:04

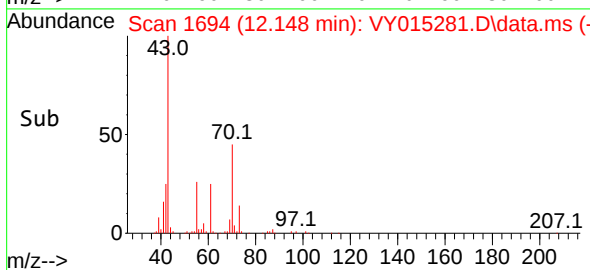
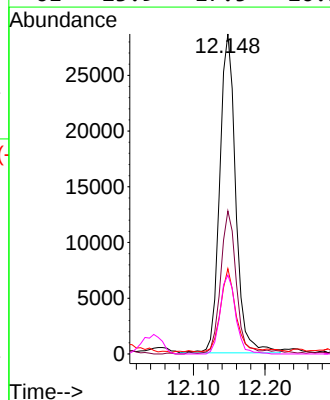
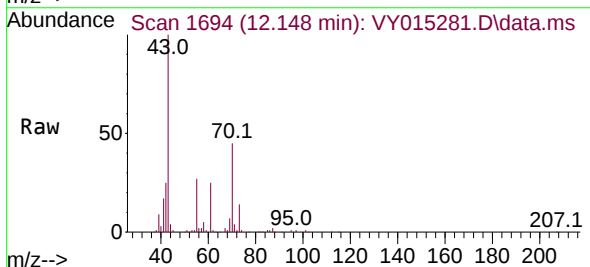
Instrument :
MSVOA_Y
ClientSampleId :
TP-01(6-7)MSD

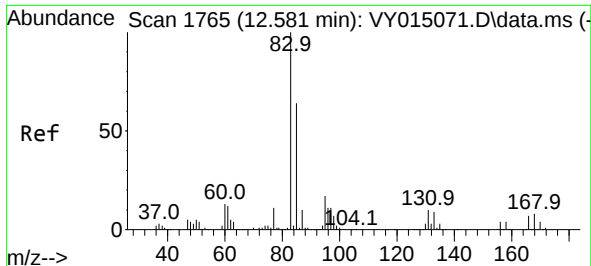
Tgt Ion:105 Resp: 196671
Ion Ratio Lower Upper
105 100
120 26.9 13.3 39.9



#74
N-amy1 acetate
Concen: 41.964 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY015281.D
Acq: 23 Aug 2023 06:04

Tgt Ion: 43 Resp: 44613
Ion Ratio Lower Upper
43 100
70 43.0 29.7 44.5
55 24.7 18.3 27.5
61 23.9 17.5 26.3

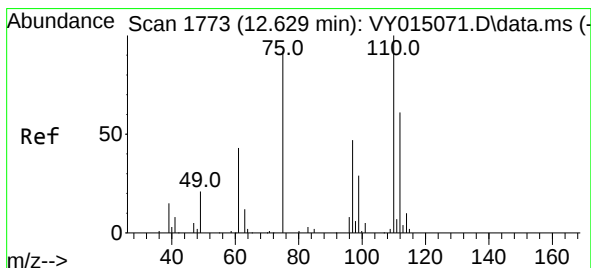
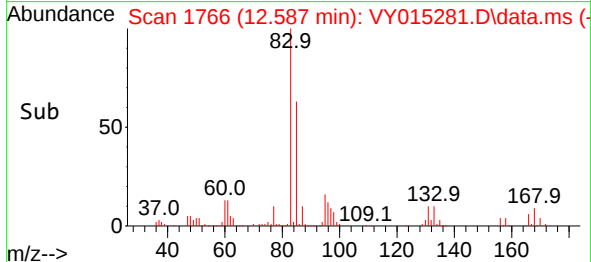
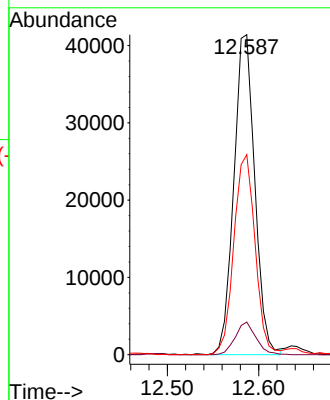
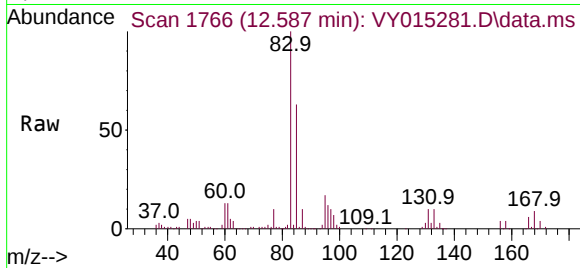




#75
 1,1,2,2-Tetrachloroethane
 Concen: 86.171 ug/l
 RT: 12.587 min Scan# 1766
 Delta R.T. 0.006 min
 Lab File: VY015281.D
 Acq: 23 Aug 2023 06:04

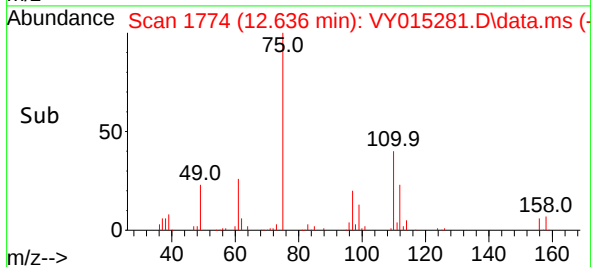
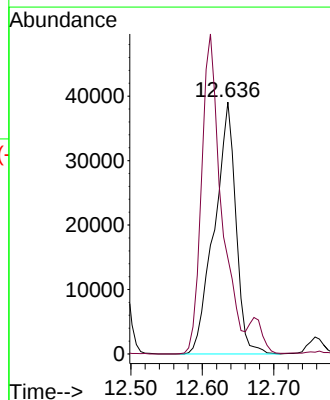
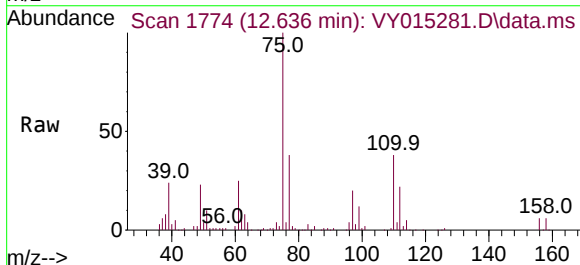
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-01(6-7)MSD

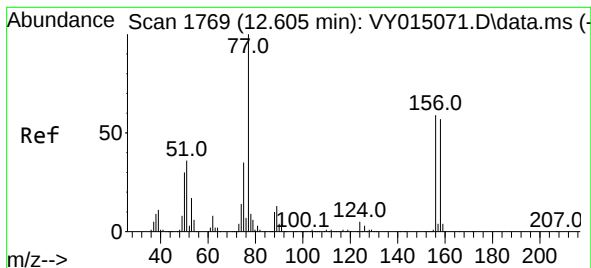
Tgt Ion: 83 Resp: 66083
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.4 16.2
 85 63.3 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 146.497 ug/l
 RT: 12.636 min Scan# 1774
 Delta R.T. 0.006 min
 Lab File: VY015281.D
 Acq: 23 Aug 2023 06:04

Tgt Ion: 75 Resp: 81500
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 66.287 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY015281.D

Acq: 23 Aug 2023 06:04

Instrument :

MSVOA_Y

ClientSampleId :

TP-01(6-7)MSD

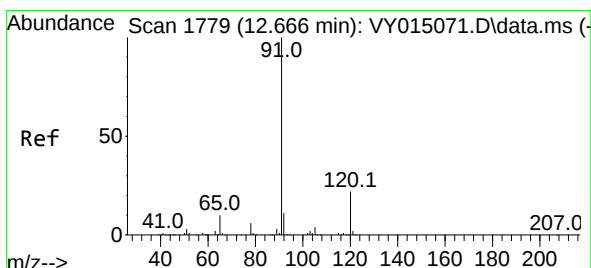
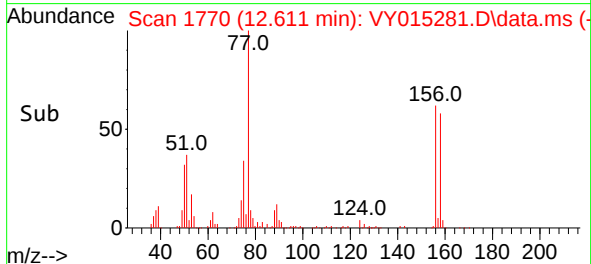
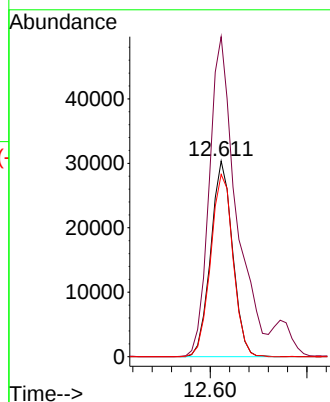
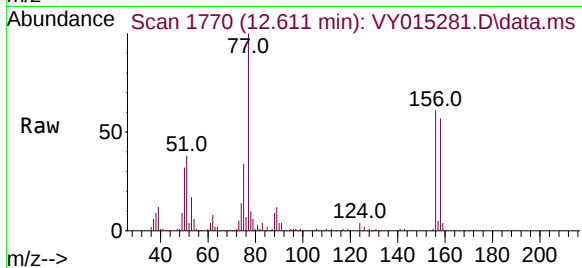
Tgt Ion:156 Resp: 47576

Ion Ratio Lower Upper

156 100

77 203.1 92.8 278.6

158 95.6 48.4 145.3



#78

n-propylbenzene

Concen: 61.112 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015281.D

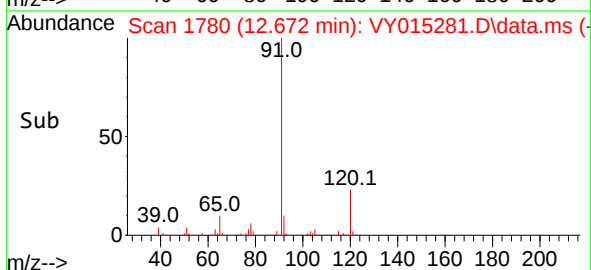
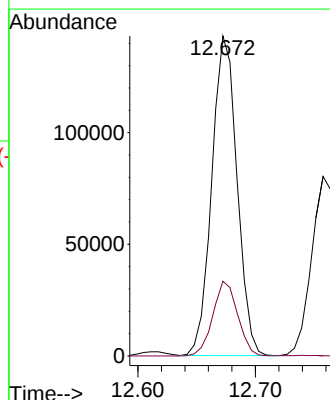
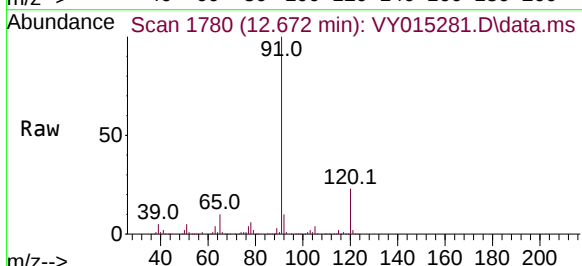
Acq: 23 Aug 2023 06:04

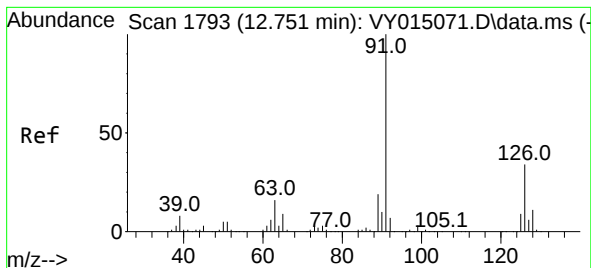
Tgt Ion: 91 Resp: 213684

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 63.301 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015281.D

Acq: 23 Aug 2023 06:04

Instrument :

MSVOA_Y

ClientSampleId :

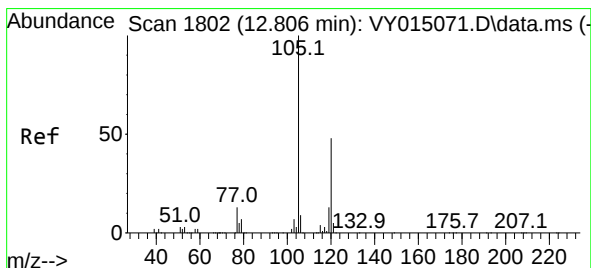
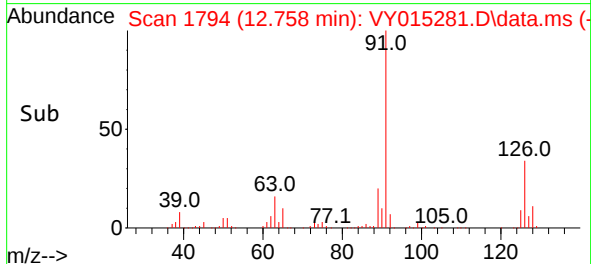
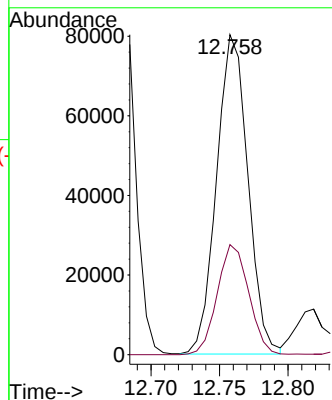
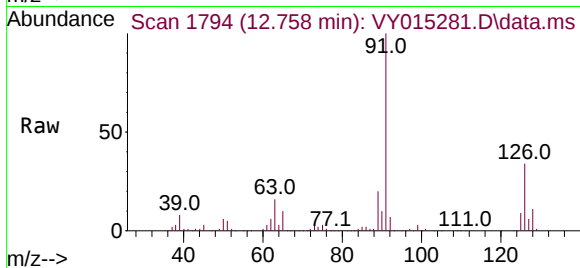
TP-01(6-7)MSD

Tgt Ion: 91 Resp: 127684

Ion Ratio Lower Upper

91 100

126 34.7 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 61.902 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. 0.006 min

Lab File: VY015281.D

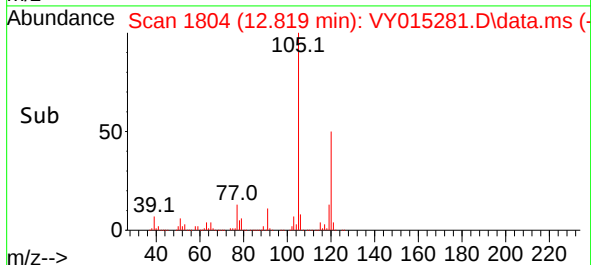
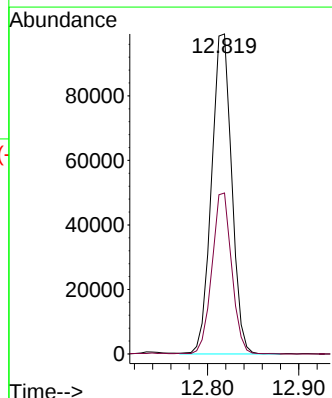
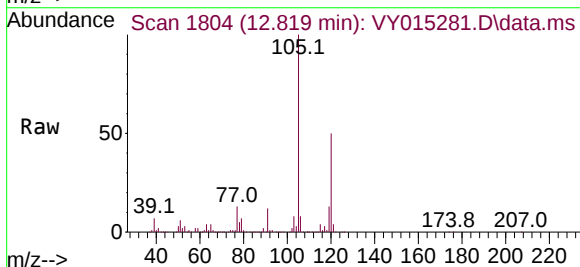
Acq: 23 Aug 2023 06:04

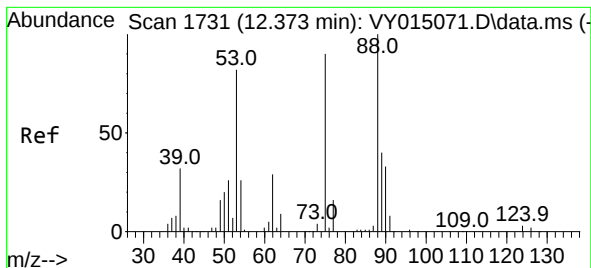
Tgt Ion: 105 Resp: 151937

Ion Ratio Lower Upper

105 100

120 49.3 23.9 71.7

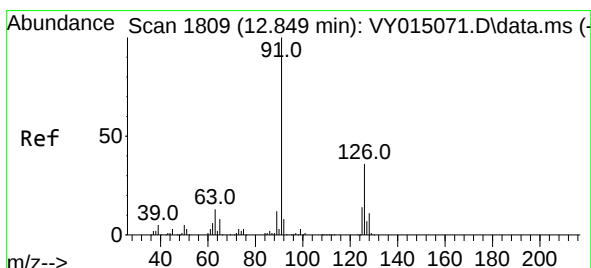
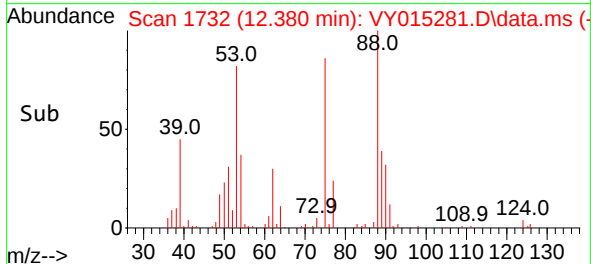
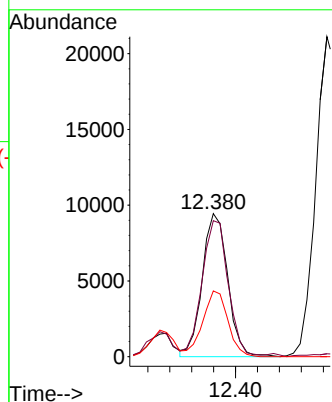
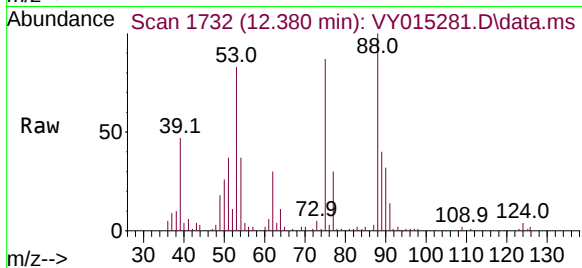




#81
trans-1,4-Dichloro-2-butene
Concen: 60.198 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015281.D
Acq: 23 Aug 2023 06:04

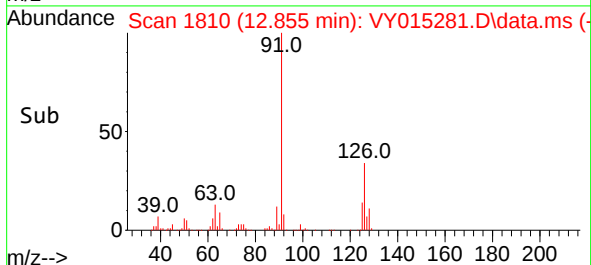
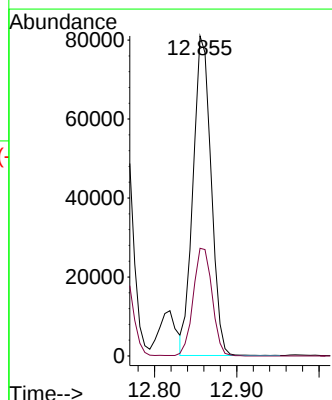
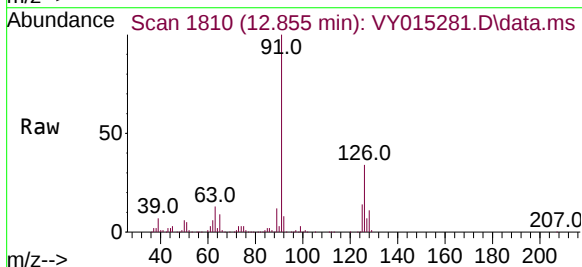
Instrument :
MSVOA_Y
ClientSampleId :
TP-01(6-7)MSD

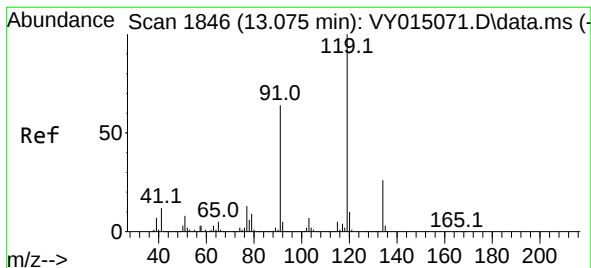
Tgt Ion: 75 Resp: 15247
Ion Ratio Lower Upper
75 100
53 98.0 77.8 116.8
89 45.8 37.4 56.0



#82
4-Chlorotoluene
Concen: 59.030 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY015281.D
Acq: 23 Aug 2023 06:04

Tgt Ion: 91 Resp: 123014
Ion Ratio Lower Upper
91 100
126 35.4 17.2 51.6





#83

tert-Butylbenzene

Concen: 61.824 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY015281.D

Acq: 23 Aug 2023 06:04

Instrument :

MSVOA_Y

ClientSampleId :

TP-01(6-7)MSD

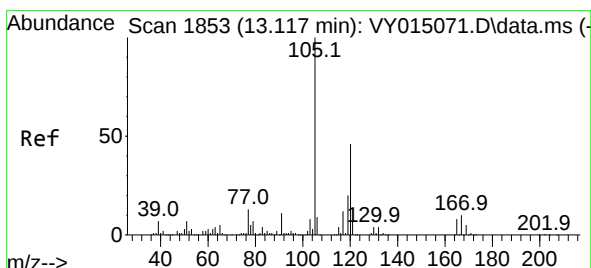
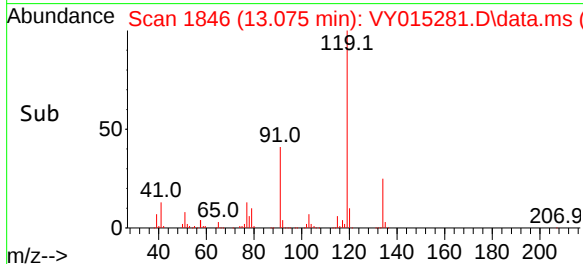
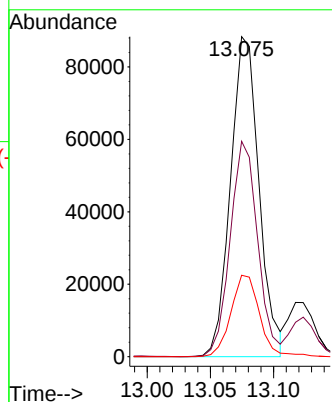
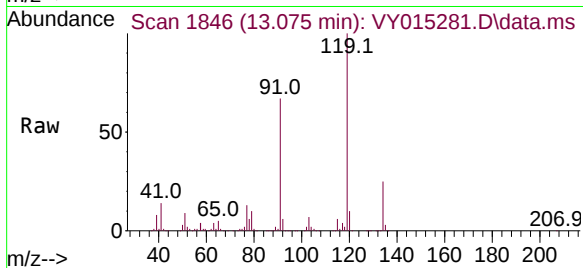
Tgt Ion:119 Resp: 138796

Ion Ratio Lower Upper

119 100

91 65.1 32.9 98.6

134 25.7 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 61.459 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY015281.D

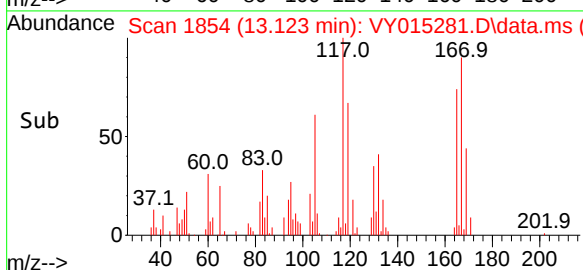
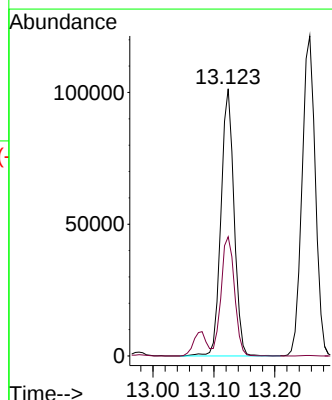
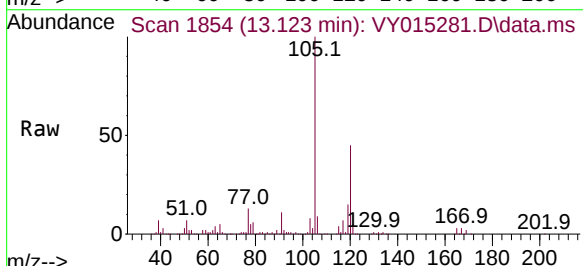
Acq: 23 Aug 2023 06:04

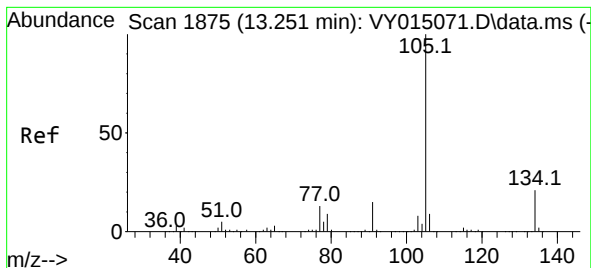
Tgt Ion:105 Resp: 150736

Ion Ratio Lower Upper

105 100

120 46.1 22.2 66.6





#85

sec-Butylbenzene

Concen: 55.965 ug/l

RT: 13.258 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY015281.D

Acq: 23 Aug 2023 06:04

Instrument :

MSVOA_Y

ClientSampleId :

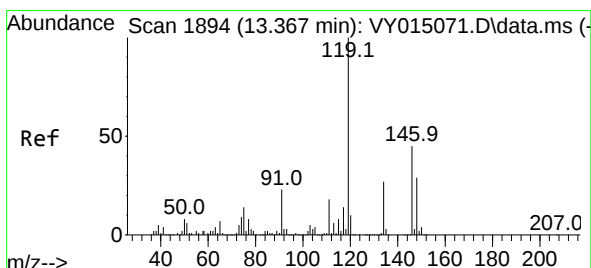
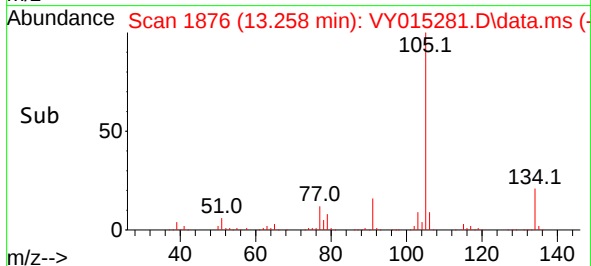
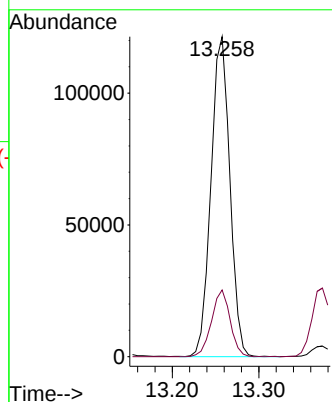
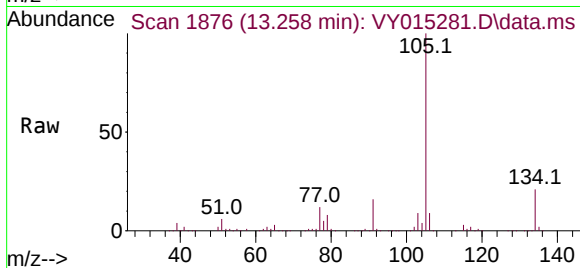
TP-01(6-7)MSD

Tgt Ion:105 Resp: 184091

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.6



#86

p-Isopropyltoluene

Concen: 54.024 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY015281.D

Acq: 23 Aug 2023 06:04

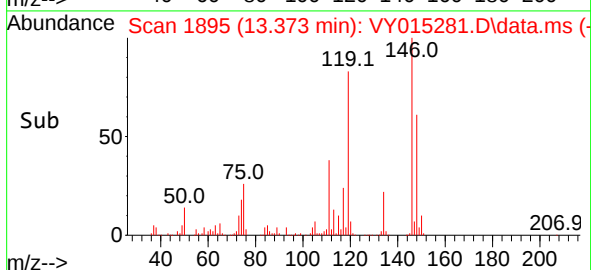
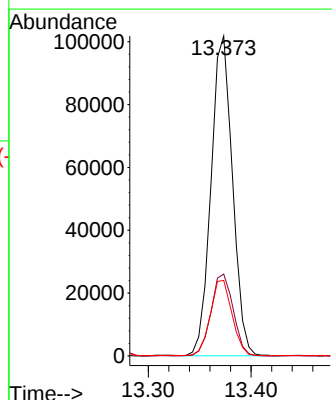
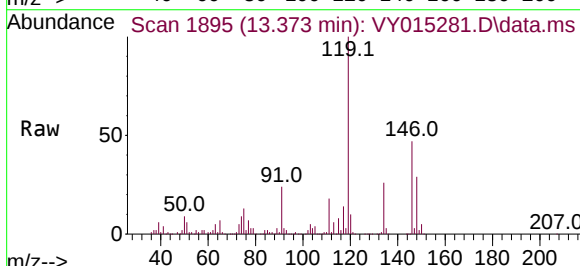
Tgt Ion:119 Resp: 147337

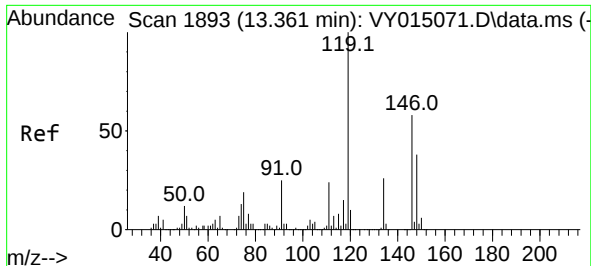
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 24.0 12.4 37.4

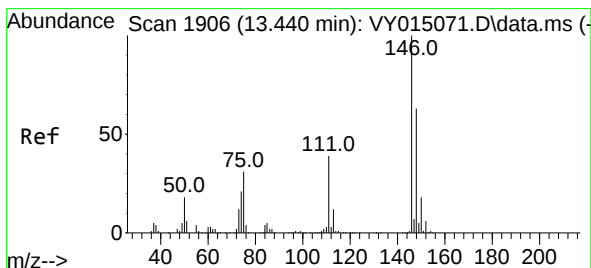
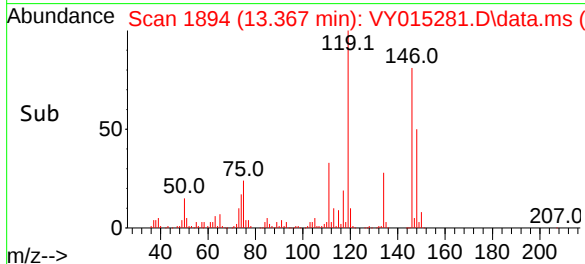
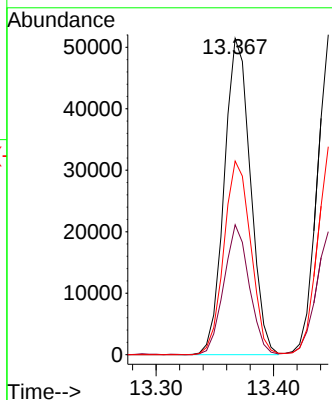
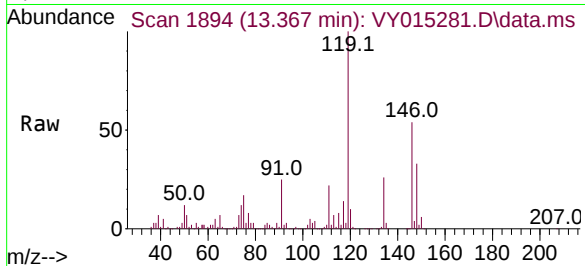




#87
1,3-Dichlorobenzene
Concen: 55.834 ug/l
RT: 13.367 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VY015281.D
Acq: 23 Aug 2023 06:04

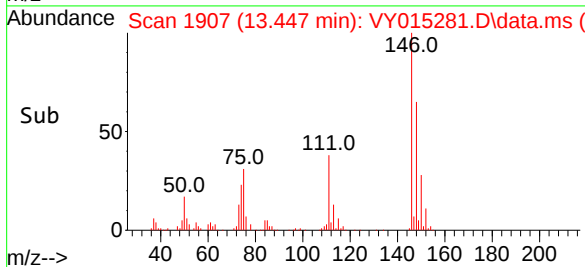
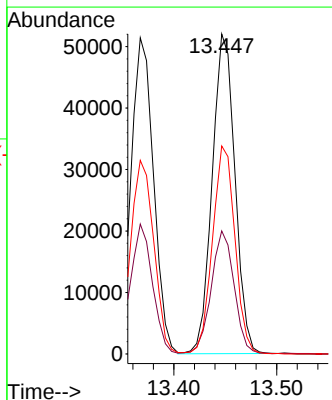
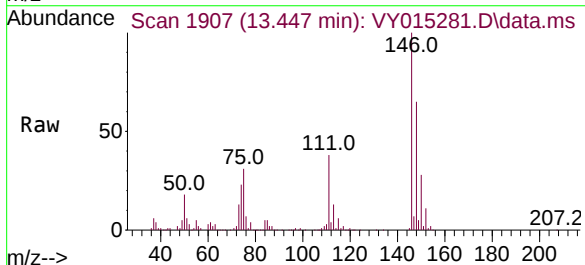
Instrument :
MSVOA_Y
ClientSampleId :
TP-01(6-7)MSD

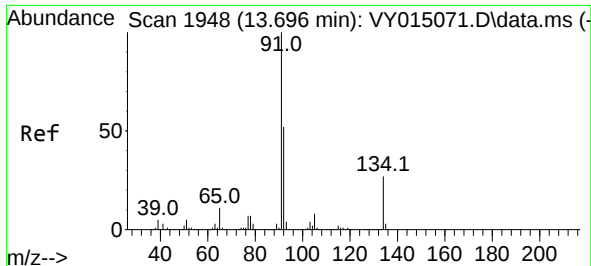
Tgt Ion:146 Resp: 79484
Ion Ratio Lower Upper
146 100
111 39.9 19.4 58.2
148 62.9 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 56.047 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY015281.D
Acq: 23 Aug 2023 06:04

Tgt Ion:146 Resp: 80027
Ion Ratio Lower Upper
146 100
111 38.6 18.9 56.7
148 64.2 32.1 96.5

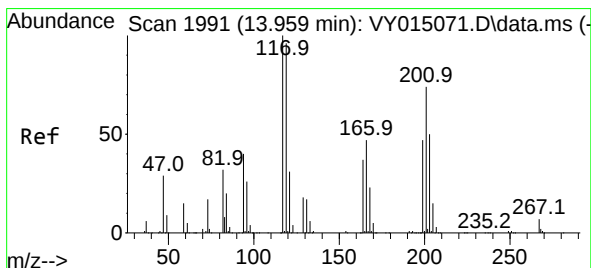
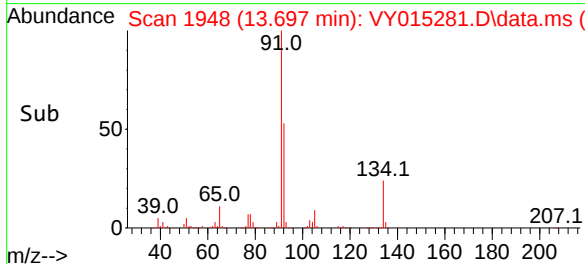
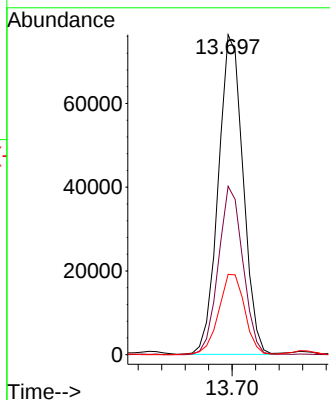
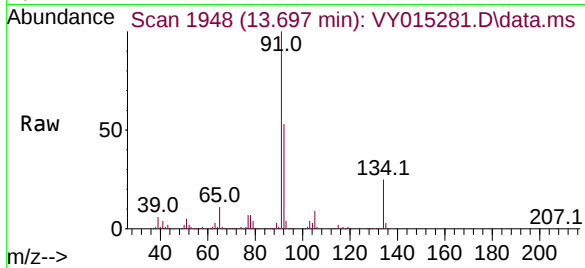




#89
n-Butylbenzene
Concen: 43.603 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY015281.D
Acq: 23 Aug 2023 06:04

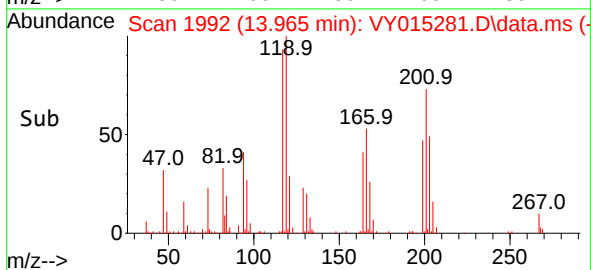
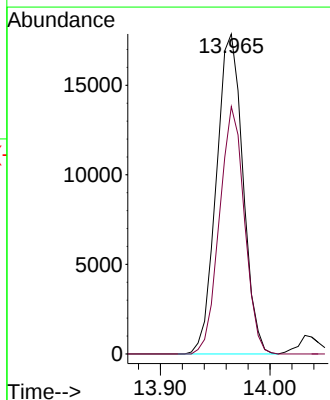
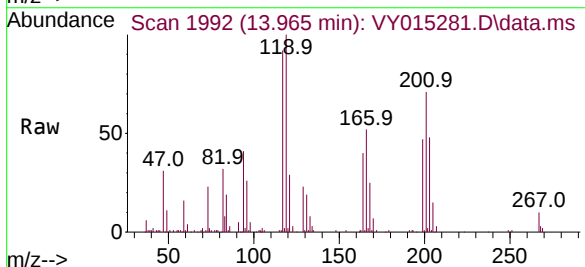
Instrument :
MSVOA_Y
ClientSampleId :
TP-01(6-7)MSD

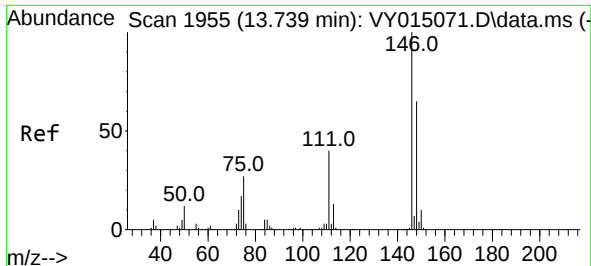
Tgt Ion: 91 Resp: 112122
Ion Ratio Lower Upper
91 100
92 52.0 25.4 76.0
134 26.6 12.6 37.6



#90
Hexachloroethane
Concen: 55.628 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY015281.D
Acq: 23 Aug 2023 06:04

Tgt Ion: 117 Resp: 30097
Ion Ratio Lower Upper
117 100
201 72.5 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 61.303 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY015281.D

Acq: 23 Aug 2023 06:04

Instrument :

MSVOA_Y

ClientSampleId :

TP-01(6-7)MSD

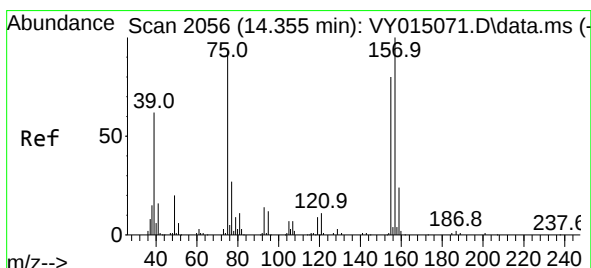
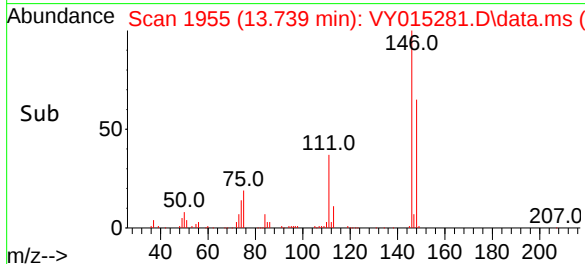
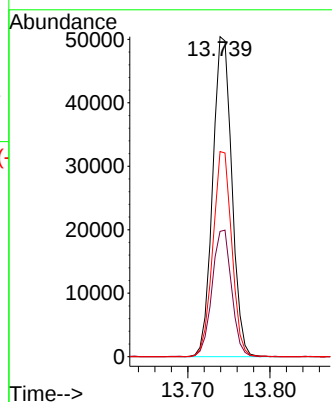
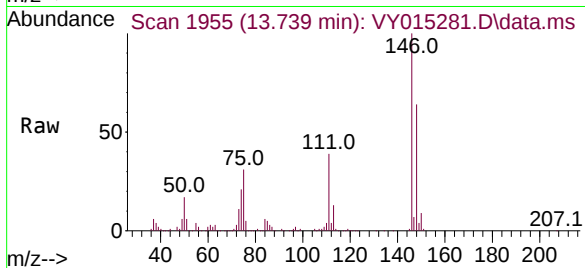
Tgt Ion:146 Resp: 81527

Ion Ratio Lower Upper

146 100

111 40.1 19.7 59.0

148 63.3 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 95.309 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY015281.D

Acq: 23 Aug 2023 06:04

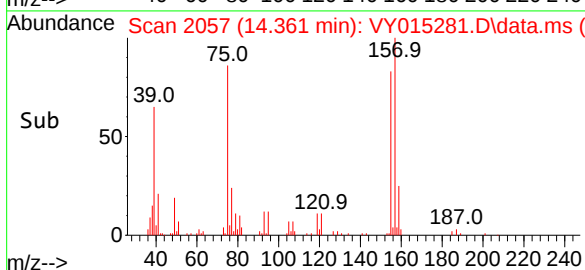
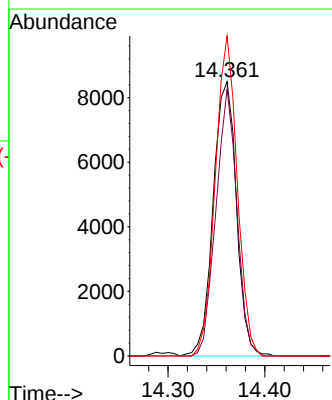
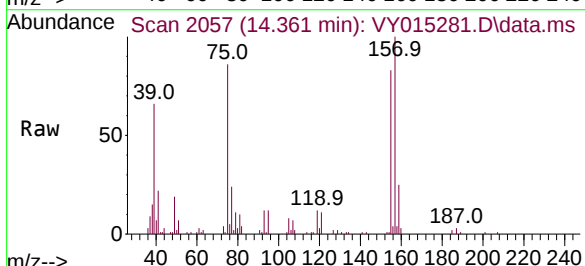
Tgt Ion: 75 Resp: 14159

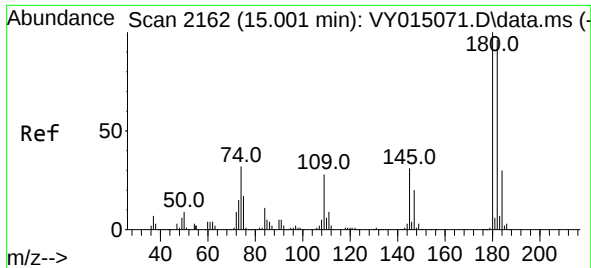
Ion Ratio Lower Upper

75 100

155 87.9 41.5 124.6

157 110.0 51.8 155.5

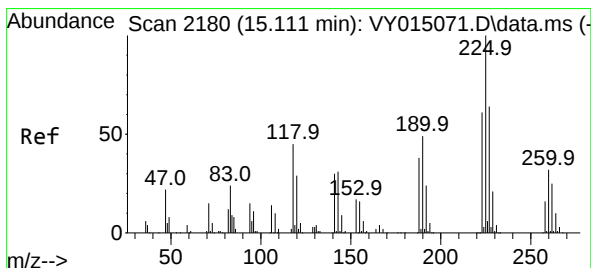
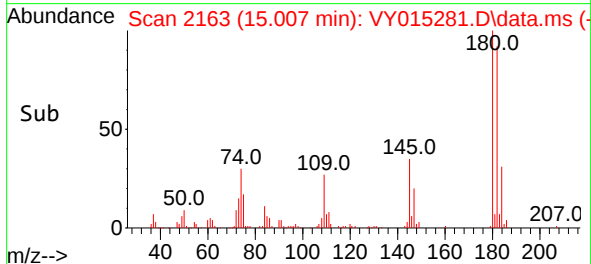
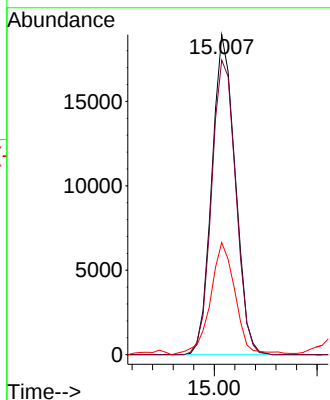
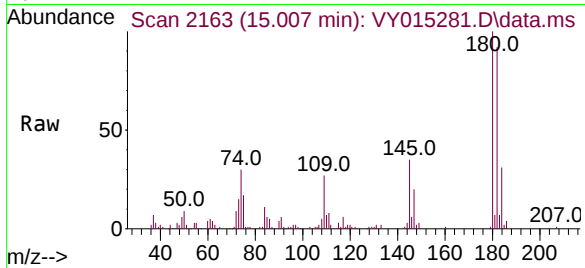




#93
1,2,4-Trichlorobenzene
Concen: 34.955 ug/l
RT: 15.007 min Scan# 2162
Delta R.T. 0.000 min
Lab File: VY015281.D
Acq: 23 Aug 2023 06:04

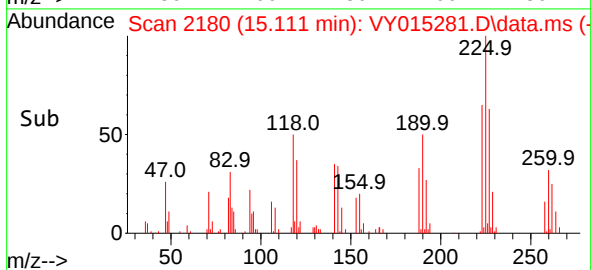
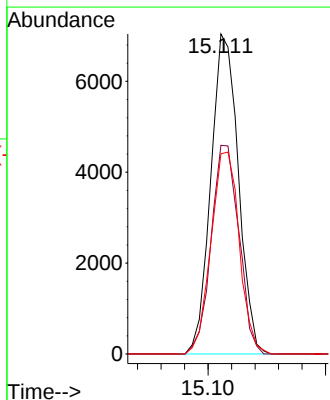
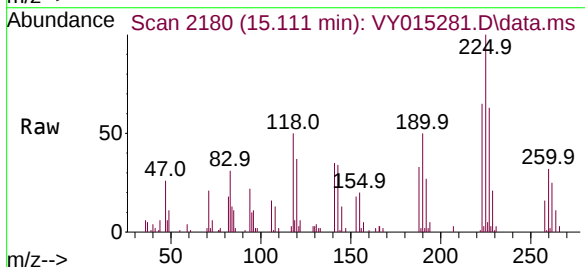
Instrument :
MSVOA_Y
ClientSampleId :
TP-01(6-7)MSD

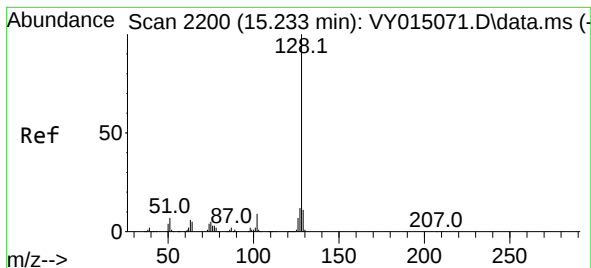
Tgt Ion:180 Resp: 29844
Ion Ratio Lower Upper
180 100
182 95.4 47.0 141.2
145 37.3 14.5 43.5



#94
Hexachlorobutadiene
Concen: 24.644 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY015281.D
Acq: 23 Aug 2023 06:04

Tgt Ion:225 Resp: 11445
Ion Ratio Lower Upper
225 100
223 65.7 31.9 95.9
227 64.9 33.0 98.9





#95

Naphthalene

Concen: 62.871 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY015281.D

Acq: 23 Aug 2023 06:04

Instrument :

MSVOA_Y

ClientSampleId :

TP-01(6-7)MSD

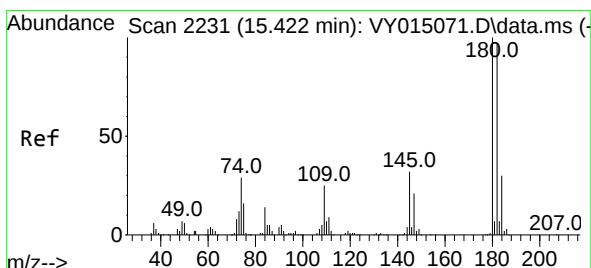
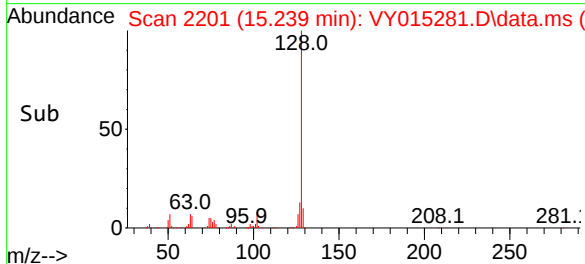
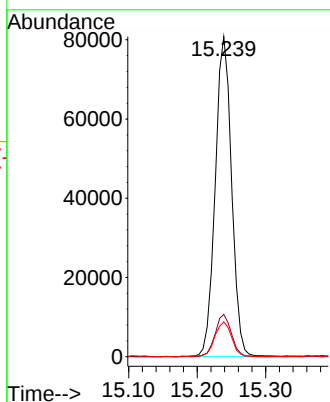
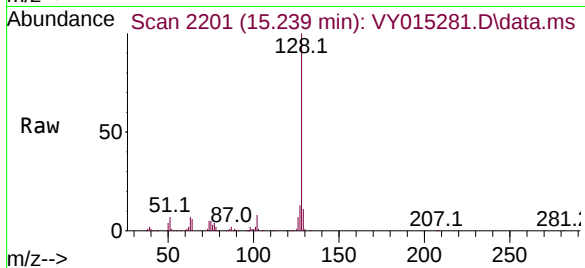
Tgt Ion:128 Resp: 133717

Ion Ratio Lower Upper

128 100

127 13.1 10.8 16.2

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 38.168 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY015281.D

Acq: 23 Aug 2023 06:04

Tgt Ion:180 Resp: 29430

Ion Ratio Lower Upper

180 100

182 96.1 47.3 141.8

145 36.1 15.4 46.2

