

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015259.D
 Acq On : 22 Aug 2023 20:57
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Aug 23 02:47:51 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	7.795	168	119584	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.691	114	212780	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	200455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106016	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	111712	77.821	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	155.640%
35) Dibromofluoromethane	7.722	113	96534	70.520	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	141.040%
50) Toluene-d8	10.179	98	338267	66.382	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	132.760%
62) 4-Bromofluorobenzene	12.483	95	122946	66.057	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	132.120%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	31712	63.258	ug/l	97
3) Chloromethane	2.113	50	50637	72.632	ug/l	99
4) Vinyl Chloride	2.247	62	60515	63.595	ug/l	96
5) Bromomethane	2.637	94	52784	87.959	ug/l	98
6) Chloroethane	2.784	64	49235	71.265	ug/l	97
7) Trichlorofluoromethane	3.119	101	103846	64.766	ug/l	99
8) Diethyl Ether	3.534	74	47328	75.263	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.899	101	63985	64.209	ug/l	95
10) Methyl Iodide	4.088	142	56565	57.807	ug/l	99
11) Tert butyl alcohol	4.966	59	82280	354.948	ug/l #	81
12) 1,1-Dichloroethene	3.869	96	54209	65.146	ug/l	92
13) Acrolein	3.729	56	21864	233.803	ug/l	100
14) Allyl chloride	4.479	41	99559	67.483	ug/l	97
15) Acrylonitrile	5.161	53	178452	418.754	ug/l	100
16) Acetone	3.954	43	148075	315.757	ug/l	98
17) Carbon Disulfide	4.192	76	90053	61.494	ug/l	99
18) Methyl Acetate	4.479	43	143600	83.560	ug/l	94
19) Methyl tert-butyl Ether	5.222	73	271313	76.682	ug/l	98
20) Methylene Chloride	4.716	84	92841	85.651	ug/l	91
21) trans-1,2-Dichloroethene	5.216	96	65110	69.369	ug/l	94
22) Diisopropyl ether	6.119	45	281780	76.544	ug/l	93
23) Vinyl Acetate	6.064	43	793063	361.042	ug/l #	94
24) 1,1-Dichloroethane	6.021	63	147641	74.079	ug/l	96
25) 2-Butanone	6.990	43	257180	387.326	ug/l	96
26) 2,2-Dichloropropane	6.984	77	90078	46.884	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	96082	74.938	ug/l	90
28) Bromochloromethane	7.338	49	56524	61.731	ug/l	97
29) Tetrahydrofuran	7.350	42	166601	419.621	ug/l	94
30) Chloroform	7.509	83	167245	74.856	ug/l	98
31) Cyclohexane	7.783	56	85301	67.416	ug/l	91
32) 1,1,1-Trichloroethane	7.704	97	132596	69.743	ug/l	99
36) 1,1-Dichloropropene	7.917	75	96656	63.824	ug/l	99
37) Ethyl Acetate	7.076	43	104366	73.933	ug/l	98
38) Carbon Tetrachloride	7.899	117	110885	61.867	ug/l	98
39) Methylcyclohexane	9.185	83	99764	58.763	ug/l	94
40) Benzene	8.161	78	315517	68.911	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015259.D
 Acq On : 22 Aug 2023 20:57
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 23 02:47:51 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)
41) Methacrylonitrile	7.313	41	60623	83.284	ug/l #	83
42) 1,2-Dichloroethane	8.234	62	118471	71.246	ug/l	97
43) Isopropyl Acetate	8.277	43	189415	73.683	ug/l	98
44) Trichloroethene	8.941	130	89677	67.984	ug/l	99
45) 1,2-Dichloropropane	9.216	63	91396	70.789	ug/l	94
46) Dibromomethane	9.307	93	58698	72.083	ug/l	96
47) Bromodichloromethane	9.496	83	137122	70.567	ug/l	98
48) Methyl methacrylate	9.295	41	85709	77.941	ug/l	95
49) 1,4-Dioxane	9.301	88	23938	1470.087	ug/l #	49
51) 4-Methyl-2-Pentanone	10.069	43	576293	386.813	ug/l	95
52) Toluene	10.246	92	201014	66.608	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	125347	61.380	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	135476	62.992	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	88158	71.200	ug/l	96
56) Ethyl methacrylate	10.508	69	128848	71.106	ug/l	91
57) 1,3-Dichloropropane	10.788	76	144769	71.565	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	257688	305.576	ug/l	95
59) 2-Hexanone	10.831	43	412247	373.871	ug/l	93
60) Dibromochloromethane	10.984	129	103630	70.164	ug/l	99
61) 1,2-Dibromoethane	11.087	107	82511	70.149	ug/l	98
64) Tetrachloroethene	10.721	164	107895	77.257	ug/l	97
65) Chlorobenzene	11.514	112	235371	64.444	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	99310	67.013	ug/l	99
67) Ethyl Benzene	11.593	91	399653	62.454	ug/l	99
68) m/p-Xylenes	11.703	106	305160	125.558	ug/l	95
69) o-Xylene	12.032	106	156045	64.451	ug/l	97
70) Styrene	12.044	104	274043	65.397	ug/l	97
71) Bromoform	12.209	173	72527	67.512	ug/l #	99
73) Isopropylbenzene	12.331	105	406566	59.638	ug/l	100
74) N-amyl acetate	12.142	43	161069	65.440	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	118399	66.685	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	147025	114.149	ug/l #	100
77) Bromobenzene	12.611	156	103078	62.031	ug/l	96
78) n-propylbenzene	12.672	91	477946	59.040	ug/l	100
79) 2-Chlorotoluene	12.758	91	286499	61.349	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	342277	60.232	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	30323	51.710	ug/l	99
82) 4-Chlorotoluene	12.855	91	296032	61.358	ug/l	99
83) tert-Butylbenzene	13.075	119	314174	60.445	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	345094	60.773	ug/l	99
85) sec-Butylbenzene	13.251	105	451632	59.303	ug/l	99
86) p-Isopropyltoluene	13.367	119	372301	58.963	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	202228	61.357	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	204236	61.781	ug/l	99
89) n-Butylbenzene	13.696	91	339846	57.085	ug/l	97
90) Hexachloroethane	13.959	117	72940	58.230	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	198210	64.375	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	23312	67.778	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	118862	60.132	ug/l	99
94) Hexachlorobutadiene	15.111	225	60204	55.992	ug/l	97
95) Naphthalene	15.239	128	326226	66.251	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	113586	63.627	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
Data File : VY015259.D
Acq On : 22 Aug 2023 20:57
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Aug 23 02:47:51 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

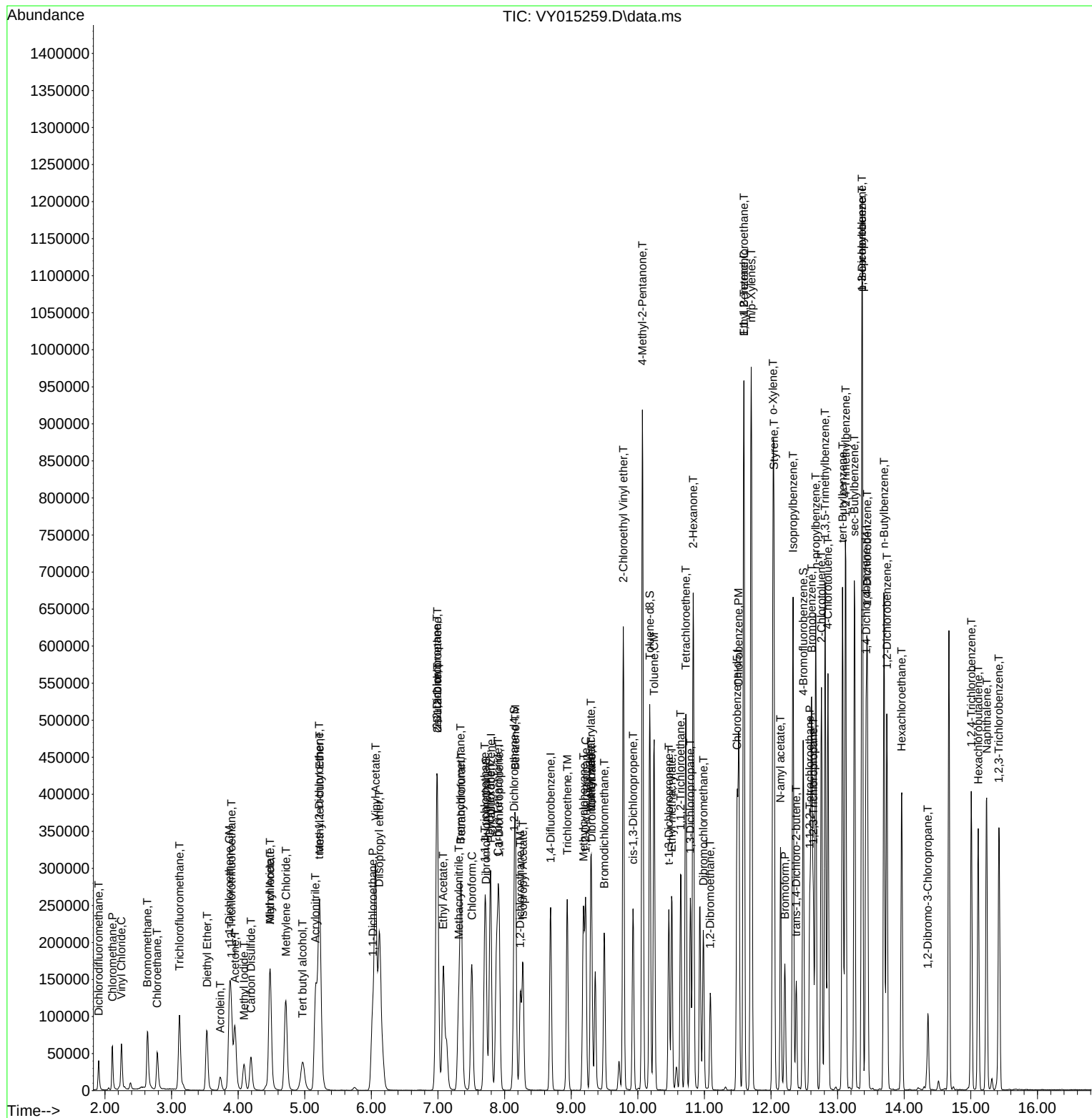
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

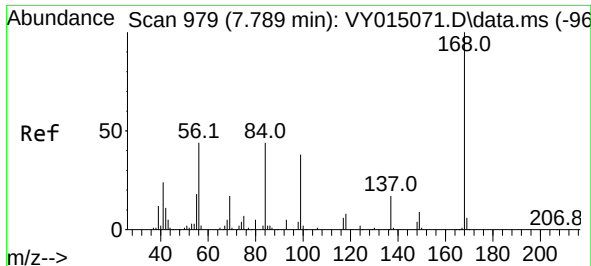
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
Data File : VY015259.D
Acq On : 22 Aug 2023 20:57
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/soil
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Aug 23 02:47:51 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

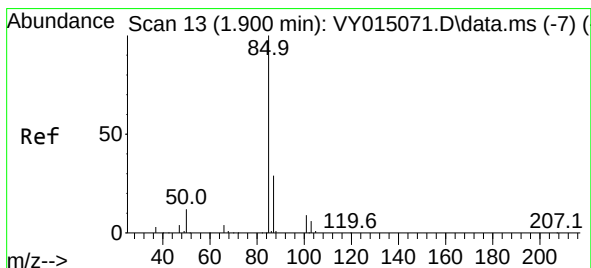
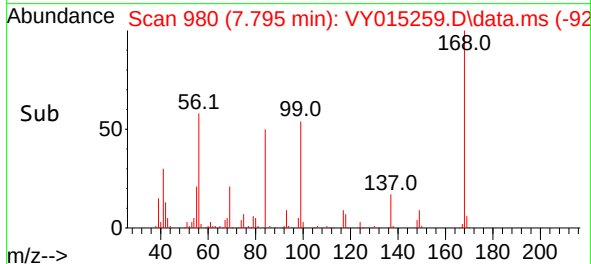
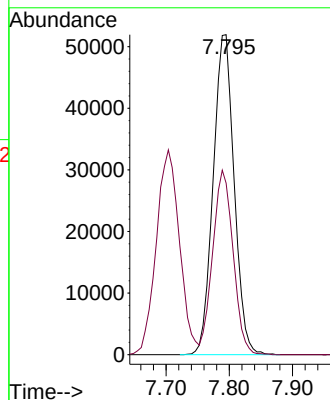
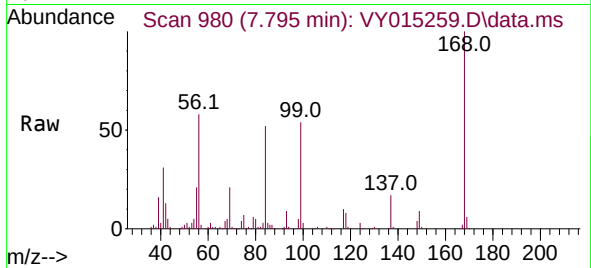




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015259.D
Acq: 22 Aug 2023 20:57

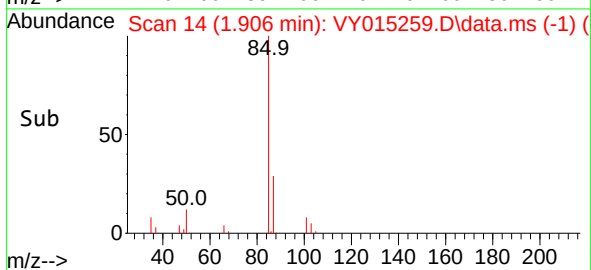
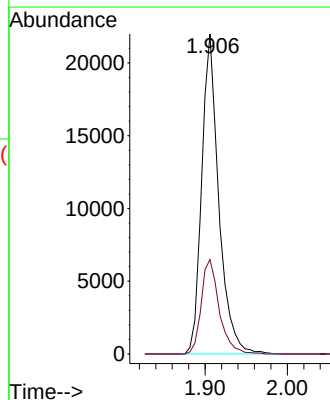
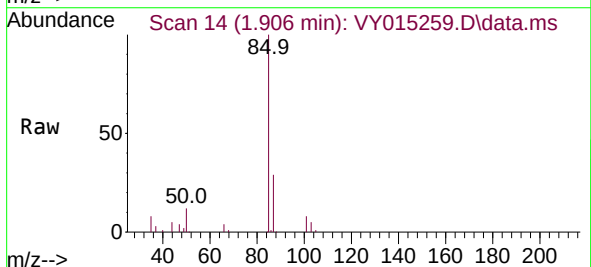
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

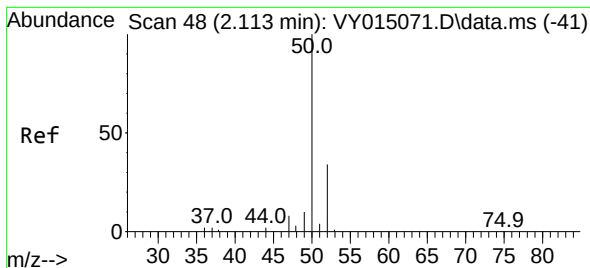
Tgt Ion:168 Resp: 119584
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 63.258 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015259.D
Acq: 22 Aug 2023 20:57

Tgt Ion: 85 Resp: 31712
Ion Ratio Lower Upper
85 100
87 29.5 15.6 46.8





#3

Chloromethane

Concen: 72.632 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY015259.D

Acq: 22 Aug 2023 20:57

Instrument :

MSVOA_Y

ClientSampleId :

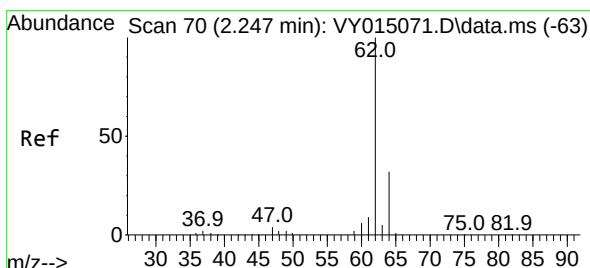
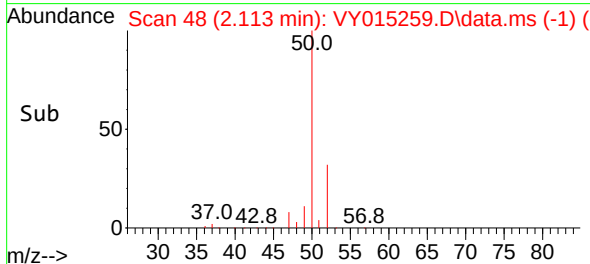
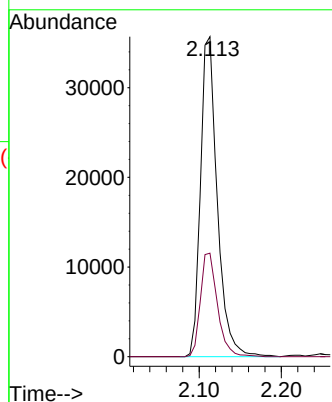
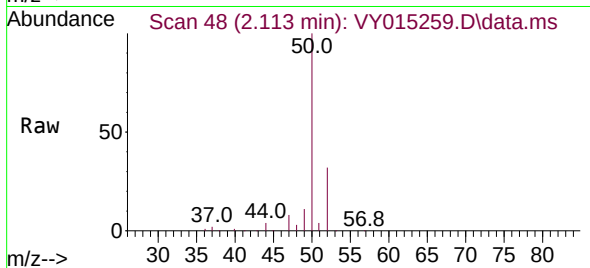
VSTDCCC050EC

Tgt Ion: 50 Resp: 50637

Ion Ratio Lower Upper

50 100

52 32.4 25.4 38.2



#4

Vinyl Chloride

Concen: 63.595 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.000 min

Lab File: VY015259.D

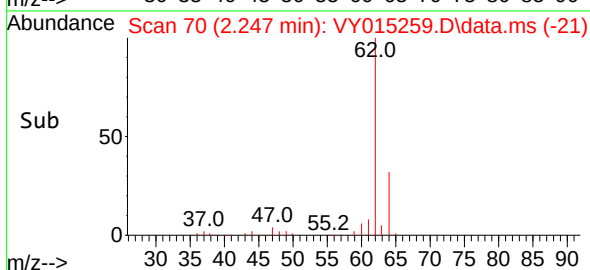
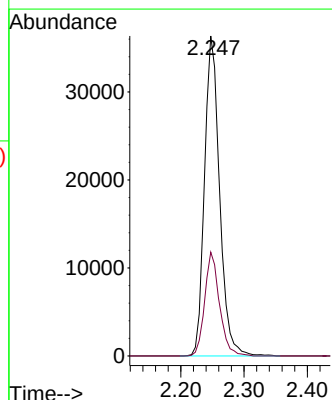
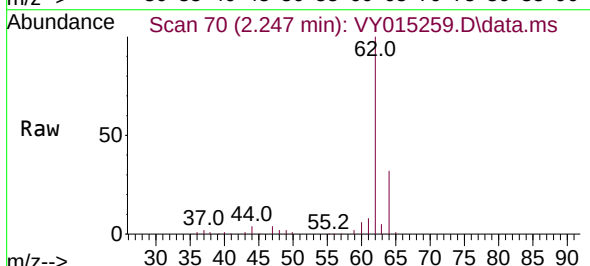
Acq: 22 Aug 2023 20:57

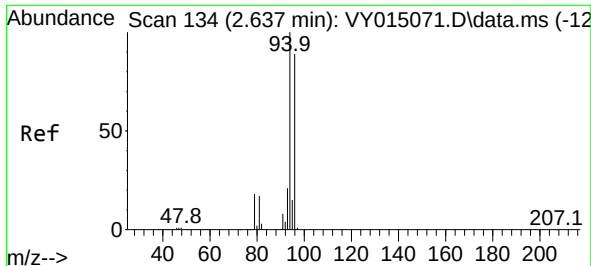
Tgt Ion: 62 Resp: 60515

Ion Ratio Lower Upper

62 100

64 32.4 24.3 36.5

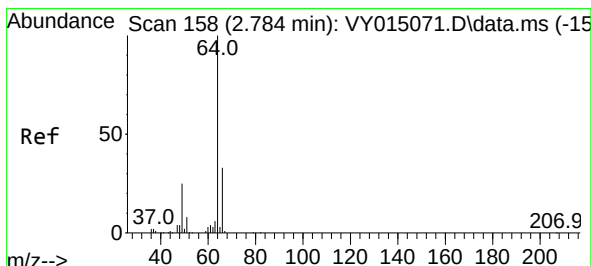
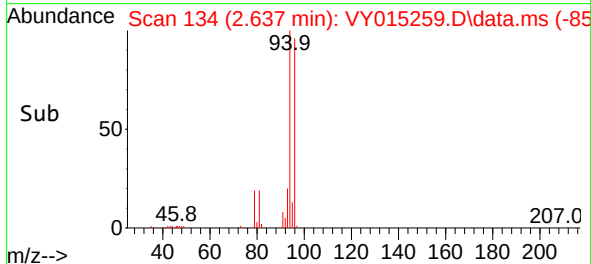
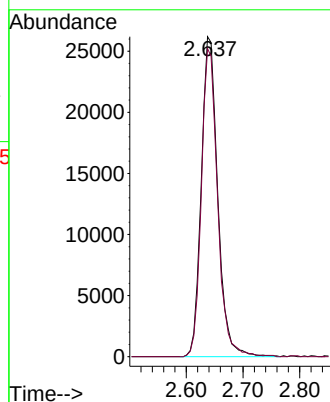
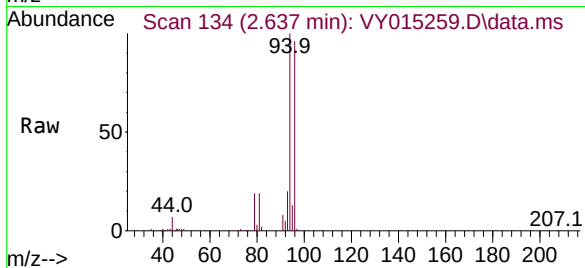




#5
Bromomethane
Concen: 87.959 ug/l
RT: 2.637 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015259.D
Acq: 22 Aug 2023 20:57

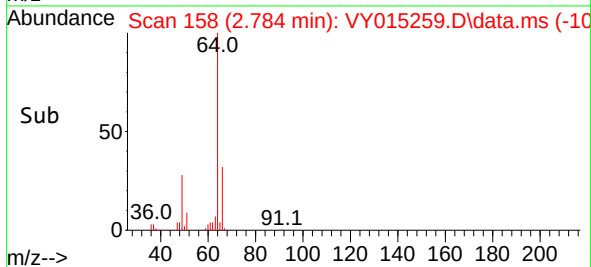
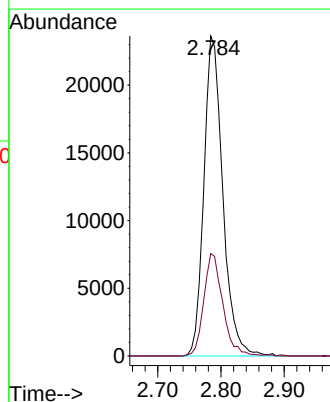
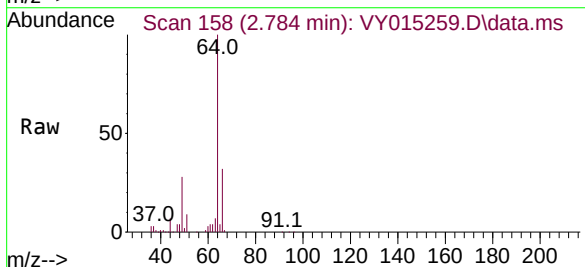
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

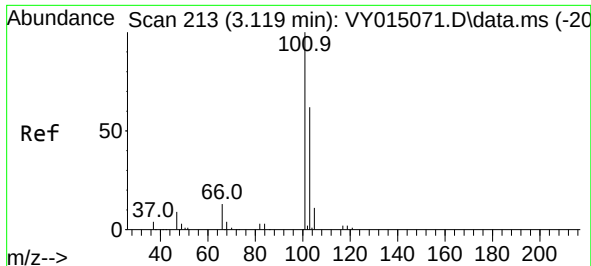
Tgt Ion: 94 Resp: 52784
Ion Ratio Lower Upper
94 100
96 96.3 75.8 113.6



#6
Chloroethane
Concen: 71.265 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY015259.D
Acq: 22 Aug 2023 20:57

Tgt Ion: 64 Resp: 49235
Ion Ratio Lower Upper
64 100
66 32.0 24.4 36.6

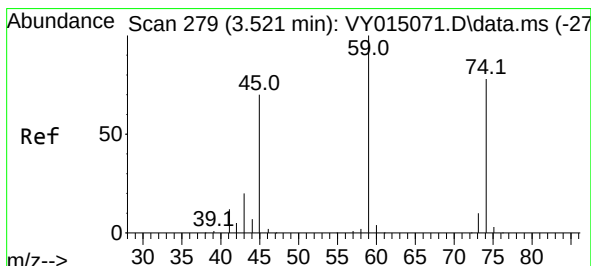
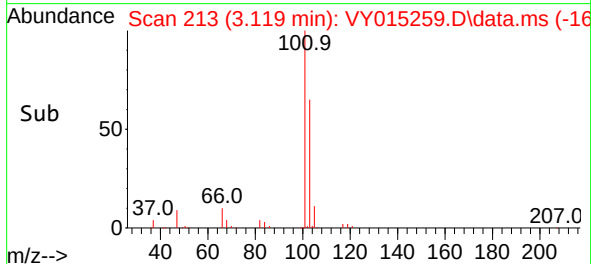
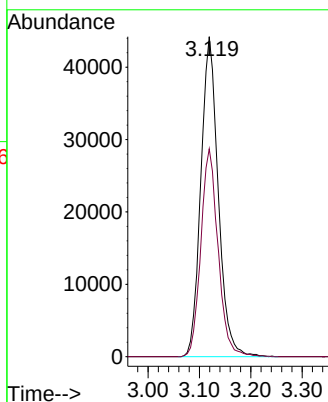
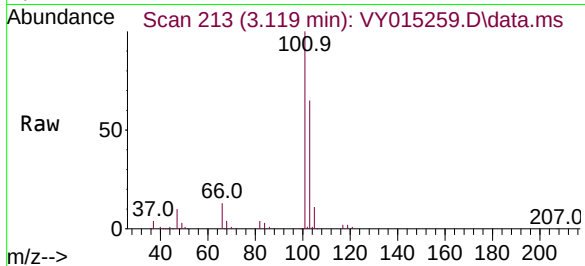




#7
 Trichlorofluoromethane
 Concen: 64.766 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.006 min
 Lab File: VY015259.D
 Acq: 22 Aug 2023 20:57

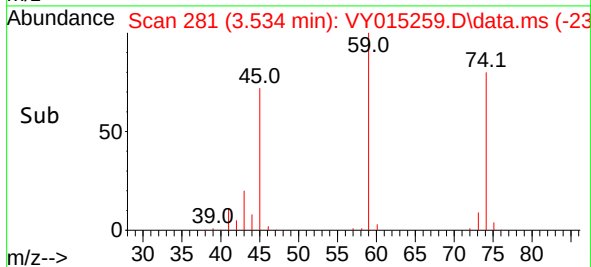
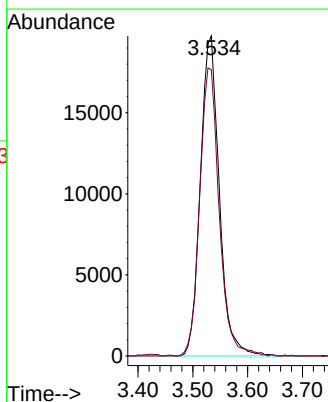
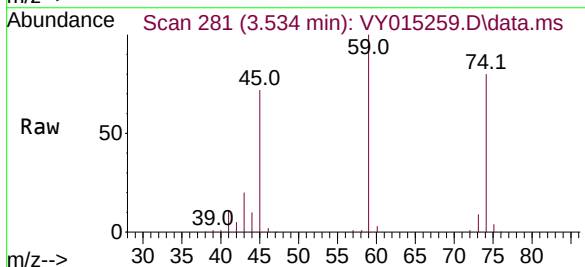
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

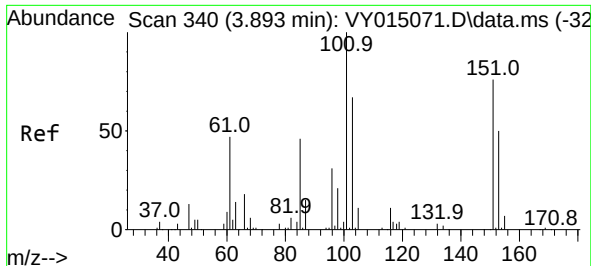
Tgt Ion:101 Resp: 103846
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.4 77.0



#8
 Diethyl Ether
 Concen: 75.263 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.012 min
 Lab File: VY015259.D
 Acq: 22 Aug 2023 20:57

Tgt Ion: 74 Resp: 47328
 Ion Ratio Lower Upper
 74 100
 45 92.4 51.5 154.5

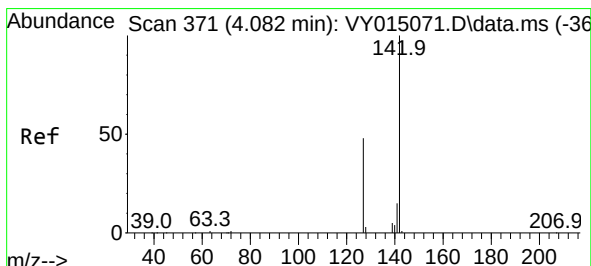
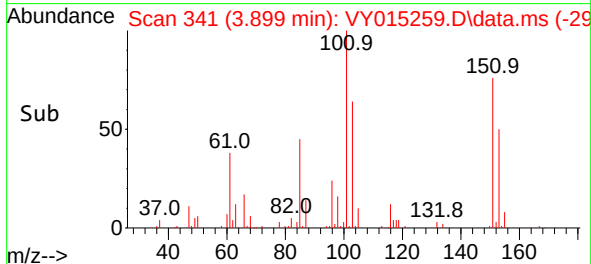
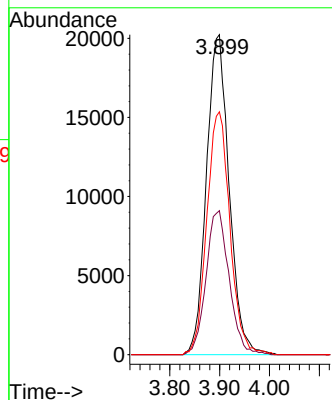
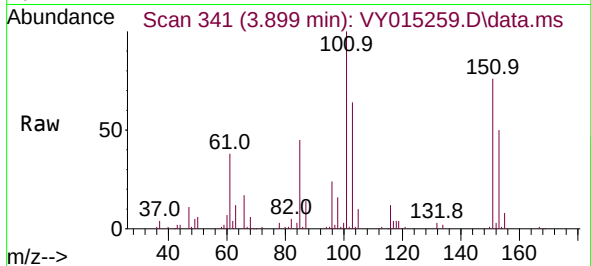




#9
1,1,2-Trichlorotrifluoroethane
Concen: 64.209 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY015259.D
Acq: 22 Aug 2023 20:57

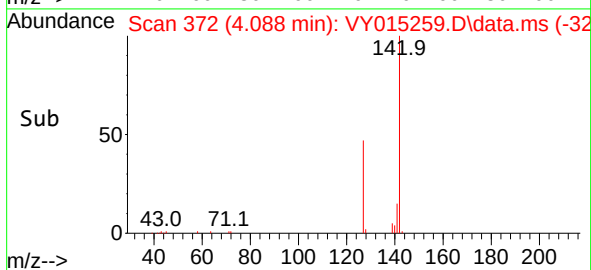
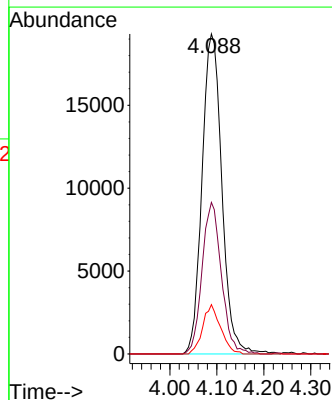
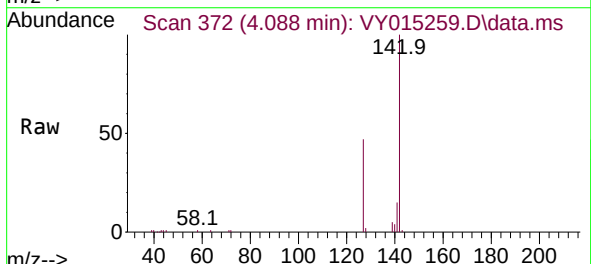
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

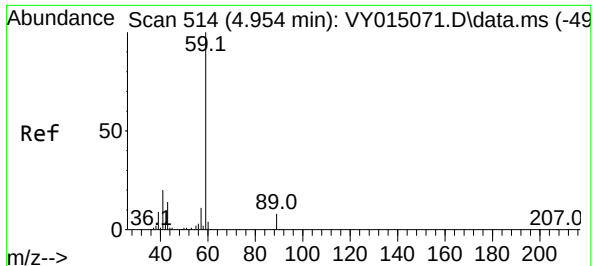
Tgt Ion:101 Resp: 63985
Ion Ratio Lower Upper
101 100
85 45.9 36.6 55.0
151 77.4 67.0 100.6



#10
Methyl Iodide
Concen: 57.807 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY015259.D
Acq: 22 Aug 2023 20:57

Tgt Ion:142 Resp: 56565
Ion Ratio Lower Upper
142 100
127 46.2 37.6 56.4
141 13.9 11.8 17.8





#11

Tert butyl alcohol

Concen: 354.948 ug/l

RT: 4.966 min Scan# 514

Delta R.T. 0.018 min

Lab File: VY015259.D

Acq: 22 Aug 2023 20:57

Instrument :

MSVOA_Y

ClientSampleId :

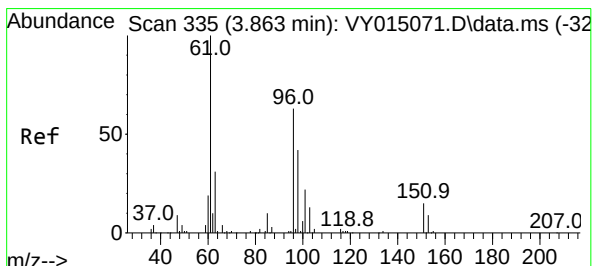
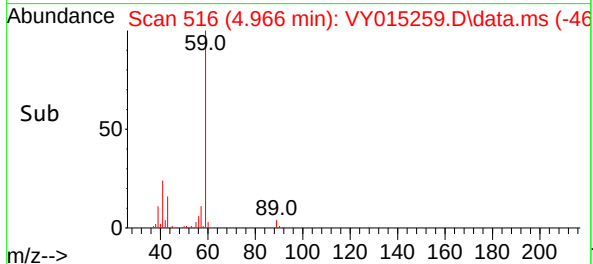
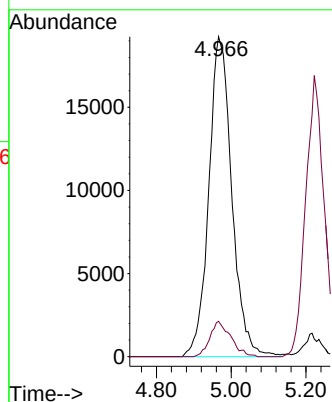
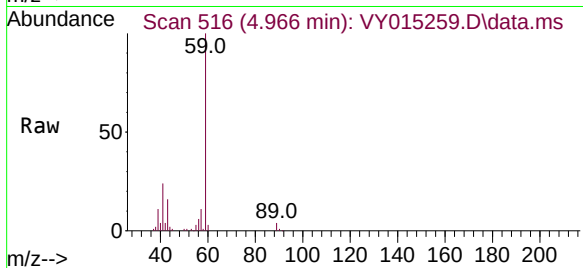
VSTDCCC050EC

Tgt Ion: 59 Resp: 82280

Ion Ratio Lower Upper

59 100

57 10.1 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 65.146 ug/l

RT: 3.869 min Scan# 336

Delta R.T. 0.006 min

Lab File: VY015259.D

Acq: 22 Aug 2023 20:57

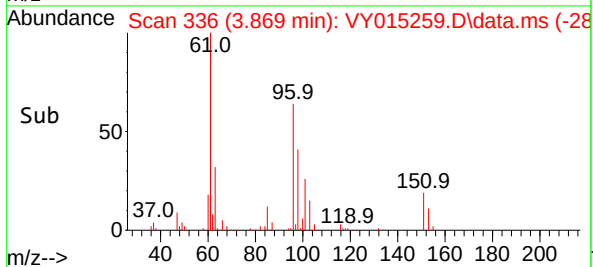
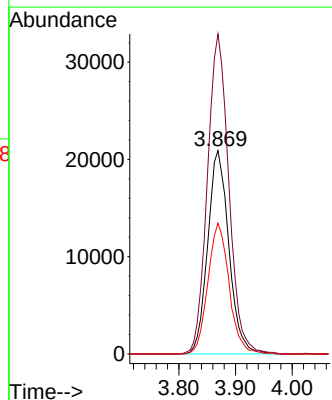
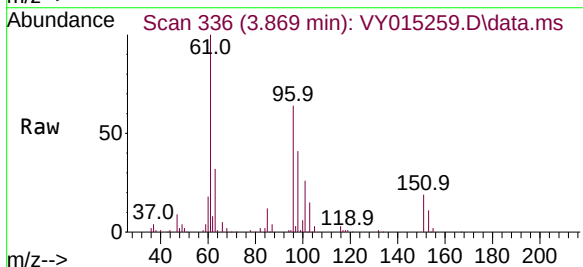
Tgt Ion: 96 Resp: 54209

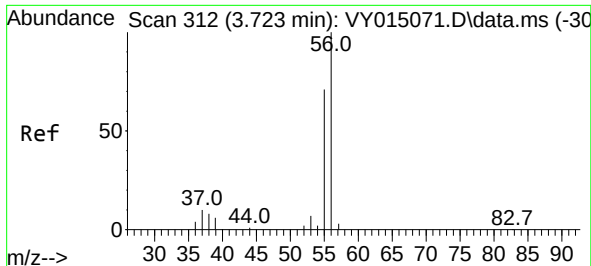
Ion Ratio Lower Upper

96 100

61 157.3 136.4 204.6

98 64.3 49.4 74.2





#13

Acrolein

Concen: 233.803 ug/l

RT: 3.729 min Scan# 312

Delta R.T. 0.006 min

Lab File: VY015259.D

Acq: 22 Aug 2023 20:57

Instrument :

MSVOA_Y

ClientSampleId :

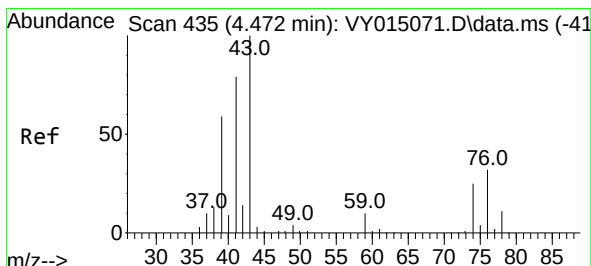
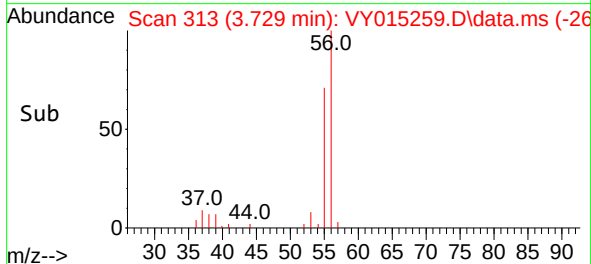
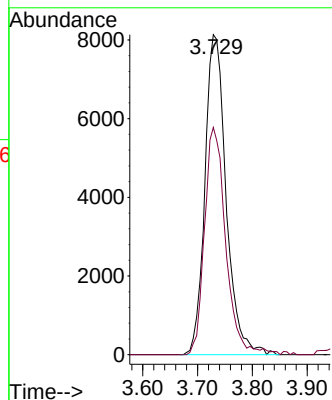
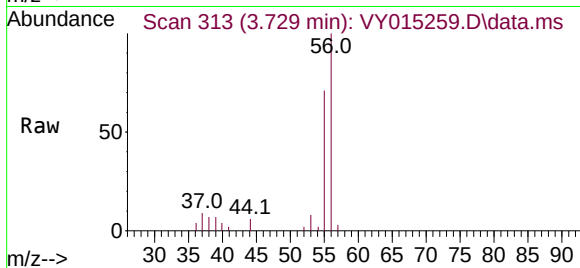
VSTDCCC050EC

Tgt Ion: 56 Resp: 21864

Ion Ratio Lower Upper

56 100

55 70.8 57.0 85.4



#14

Allyl chloride

Concen: 67.483 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.006 min

Lab File: VY015259.D

Acq: 22 Aug 2023 20:57

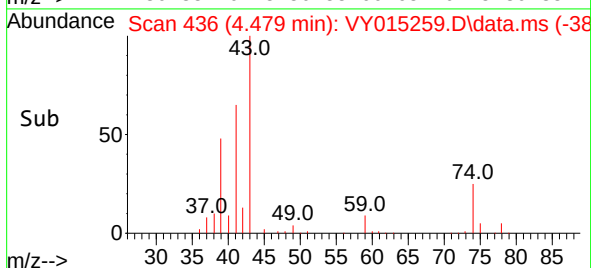
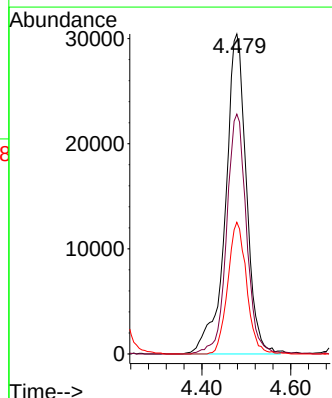
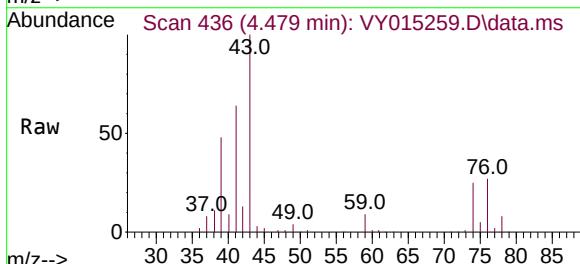
Tgt Ion: 41 Resp: 99559

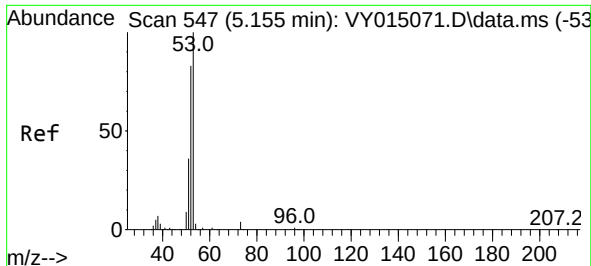
Ion Ratio Lower Upper

41 100

39 71.0 58.0 87.0

76 36.9 27.4 41.2

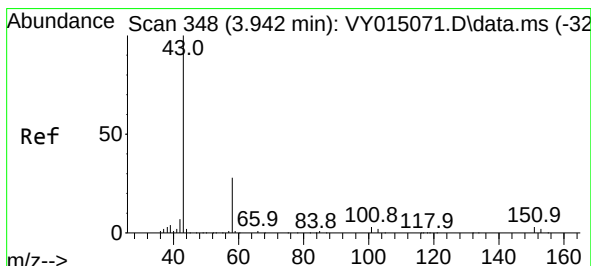
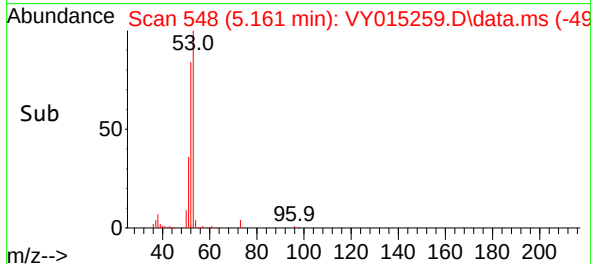
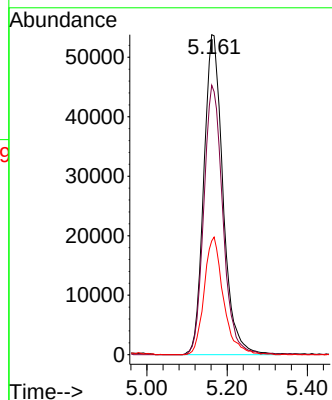
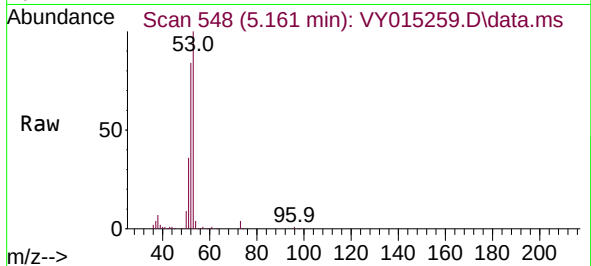




#15
Acrylonitrile
Concen: 418.754 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY015259.D
Acq: 22 Aug 2023 20:57

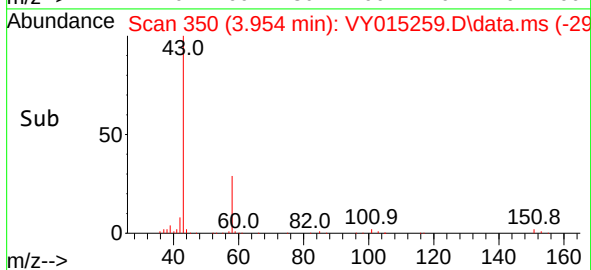
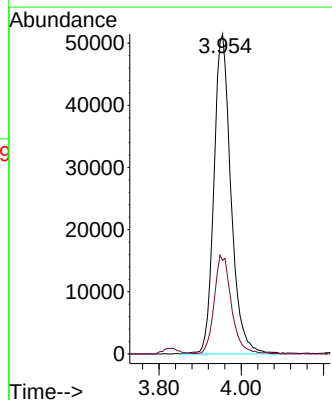
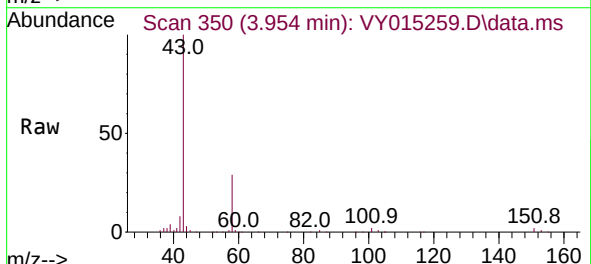
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

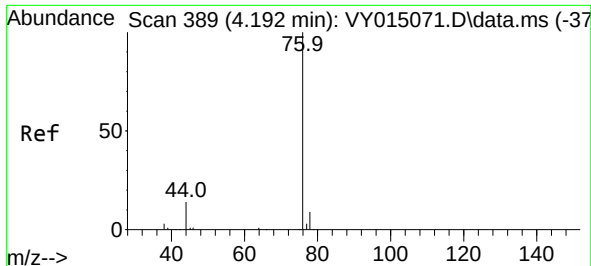
Tgt Ion: 53 Resp: 178452
Ion Ratio Lower Upper
53 100
52 83.5 66.9 100.3
51 37.0 29.8 44.6



#16
Acetone
Concen: 315.757 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015259.D
Acq: 22 Aug 2023 20:57

Tgt Ion: 43 Resp: 148075
Ion Ratio Lower Upper
43 100
58 29.2 22.7 34.1

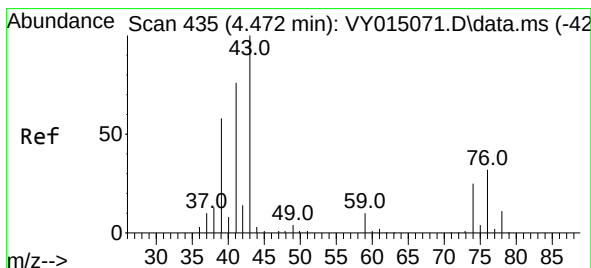
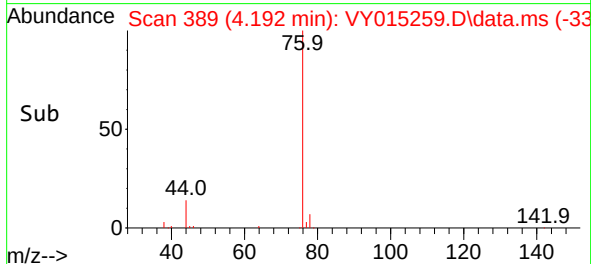
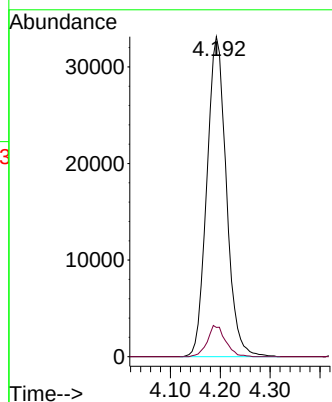
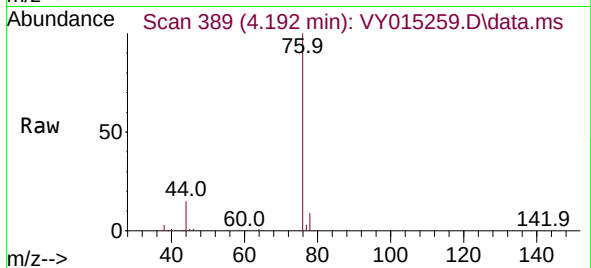




#17
Carbon Disulfide
Concen: 61.494 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY015259.D
Acq: 22 Aug 2023 20:57

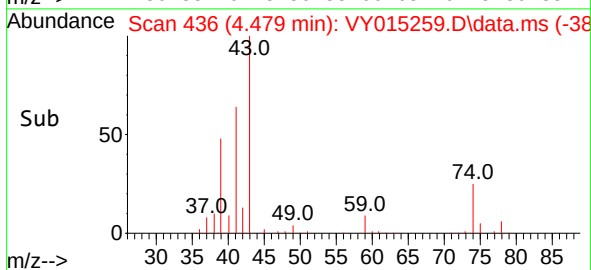
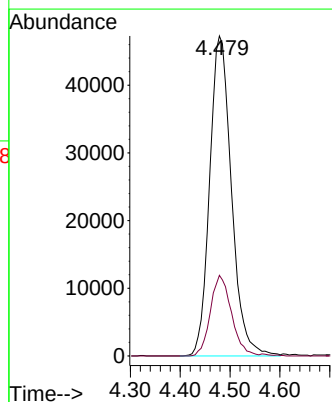
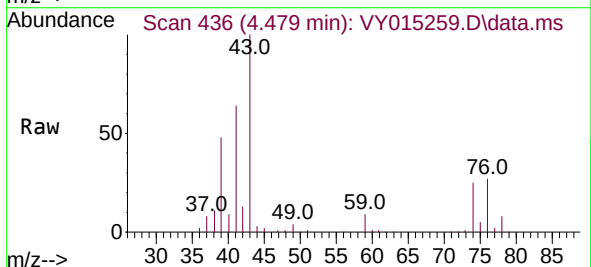
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

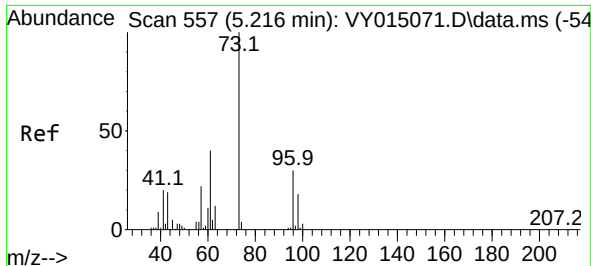
Tgt Ion: 76 Resp: 90053
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4



#18
Methyl Acetate
Concen: 83.560 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.013 min
Lab File: VY015259.D
Acq: 22 Aug 2023 20:57

Tgt Ion: 43 Resp: 143600
Ion Ratio Lower Upper
43 100
74 24.3 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 76.682 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY015259.D

Acq: 22 Aug 2023 20:57

Instrument :

MSVOA_Y

ClientSampleId :

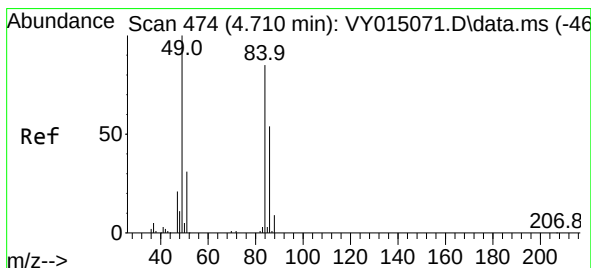
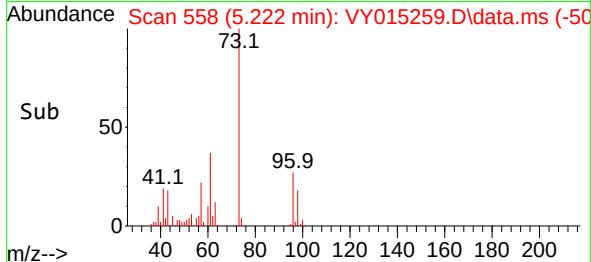
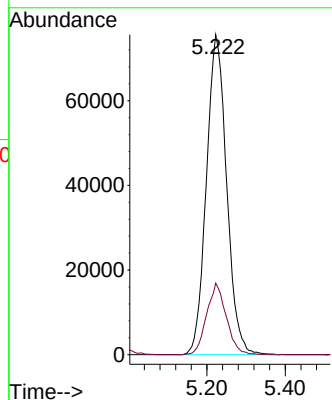
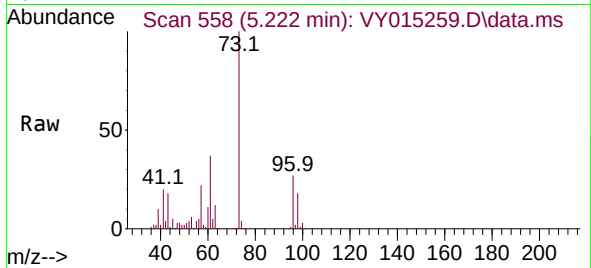
VSTDCCC050EC

Tgt Ion: 73 Resp: 271313

Ion Ratio Lower Upper

73 100

57 22.4 17.3 25.9



#20

Methylene Chloride

Concen: 85.651 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY015259.D

Acq: 22 Aug 2023 20:57

Tgt Ion: 84 Resp: 92841

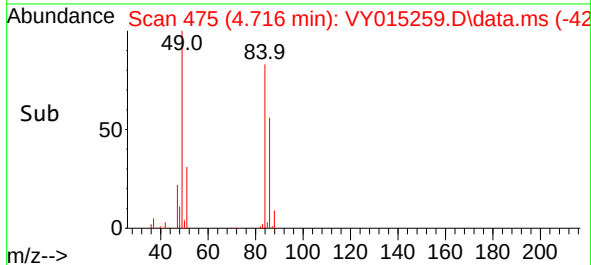
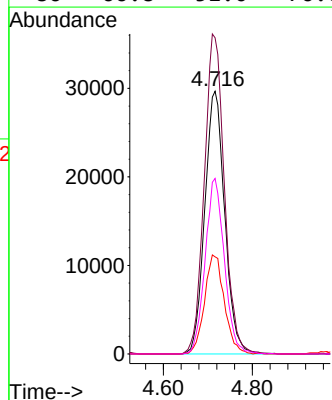
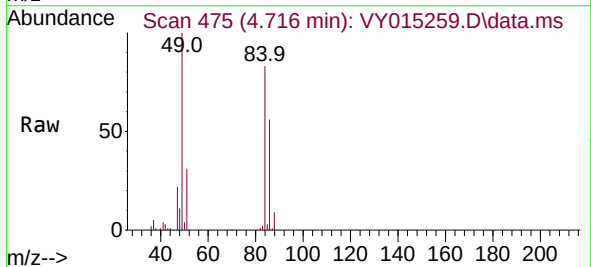
Ion Ratio Lower Upper

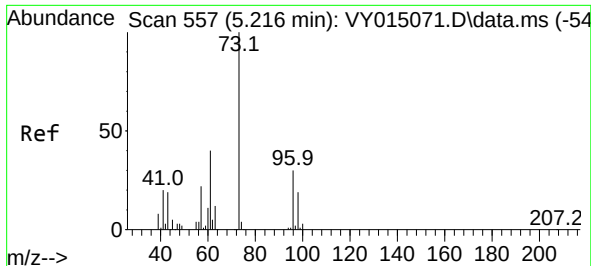
84 100

49 120.3 106.9 160.3

51 36.9 33.2 49.8

86 66.8 51.0 76.6

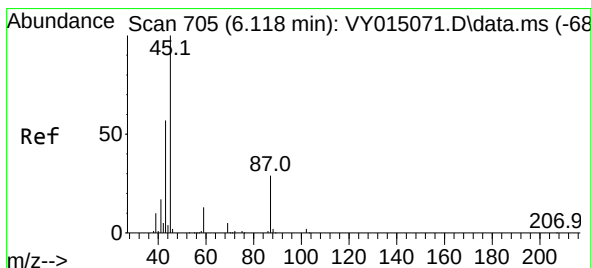
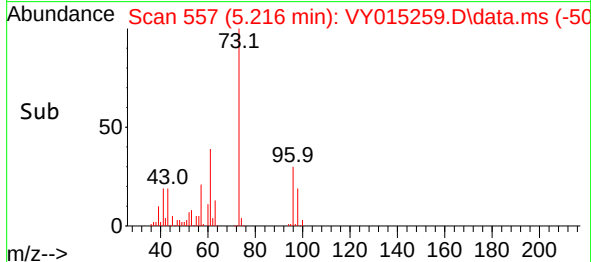
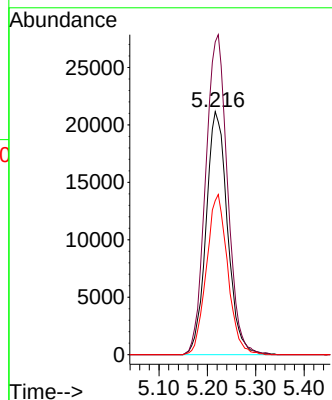
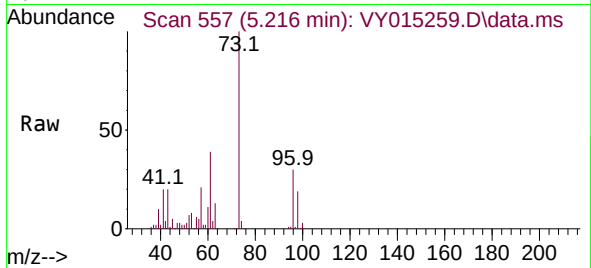




#21
trans-1,2-Dichloroethene
Concen: 69.369 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY015259.D
Acq: 22 Aug 2023 20:57

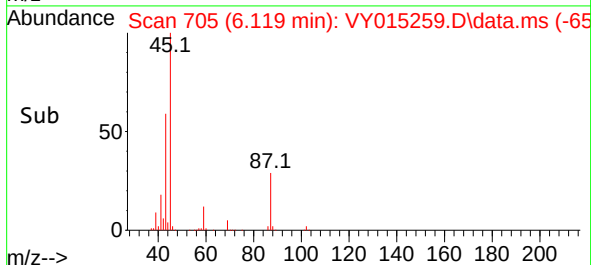
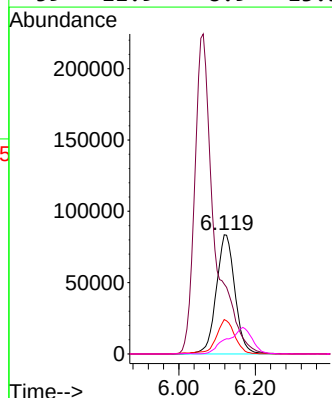
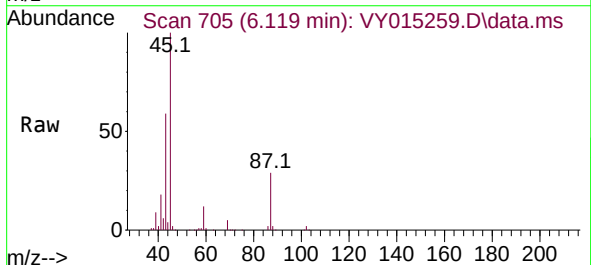
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

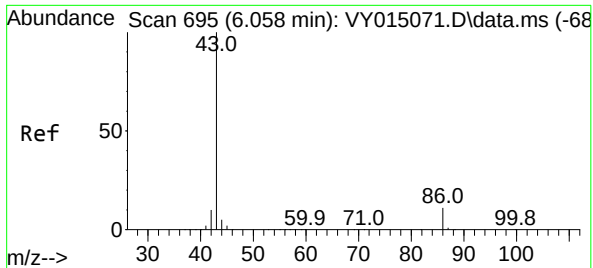
Tgt Ion: 96 Resp: 65110
Ion Ratio Lower Upper
96 100
61 128.7 110.2 165.4
98 63.4 51.8 77.6



#22
Diisopropyl ether
Concen: 76.544 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY015259.D
Acq: 22 Aug 2023 20:57

Tgt Ion: 45 Resp: 281780
Ion Ratio Lower Upper
45 100
43 58.3 52.2 78.4
87 28.9 21.0 31.6
59 11.9 8.9 13.3

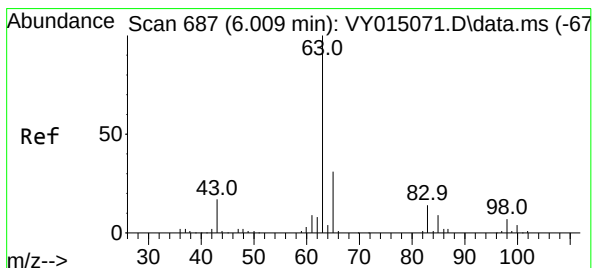
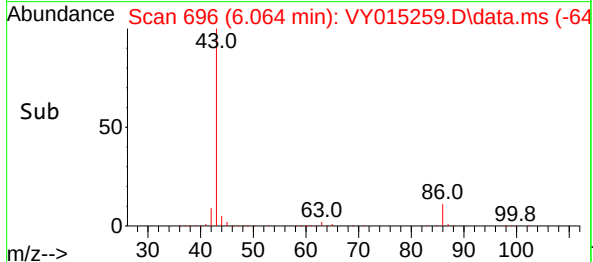
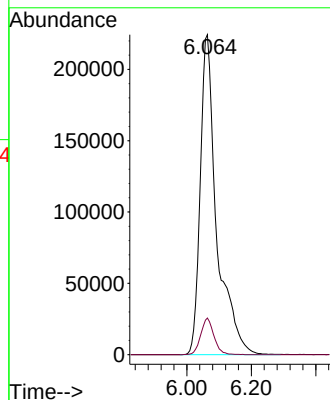
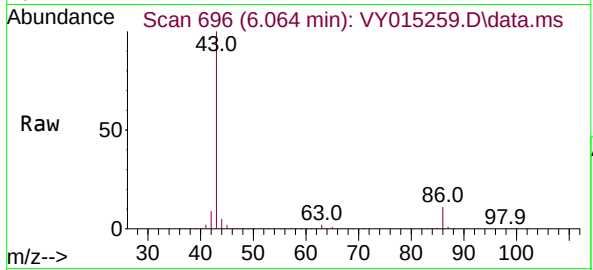




#23
 Vinyl Acetate
 Concen: 361.042 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.012 min
 Lab File: VY015259.D
 Acq: 22 Aug 2023 20:57

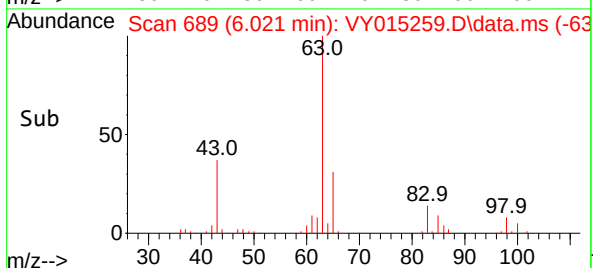
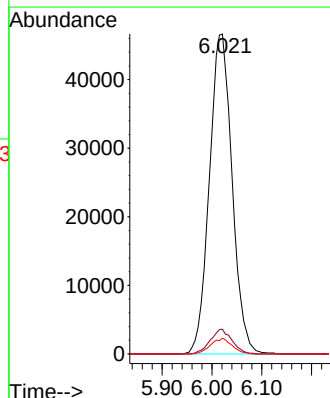
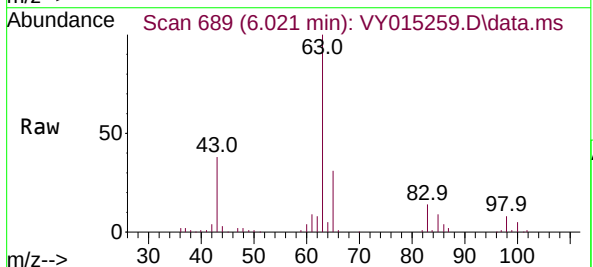
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

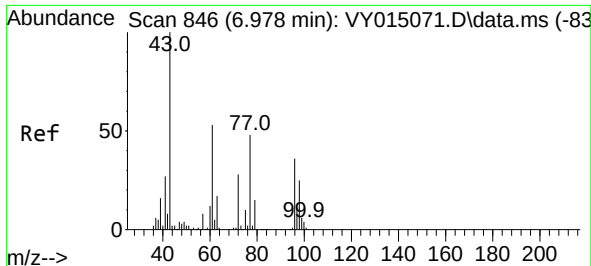
Tgt Ion: 43 Resp: 793063
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 74.079 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.012 min
 Lab File: VY015259.D
 Acq: 22 Aug 2023 20:57

Tgt Ion: 63 Resp: 147641
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.1 9.4
 100 4.9 1.8 5.5

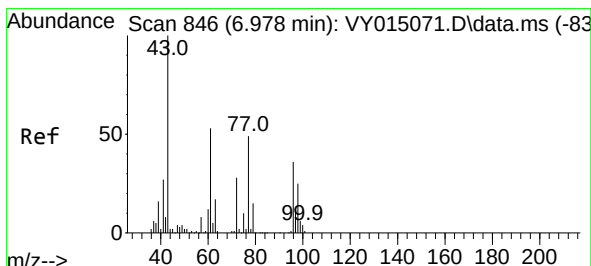
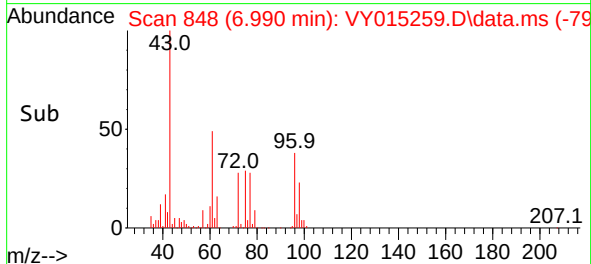
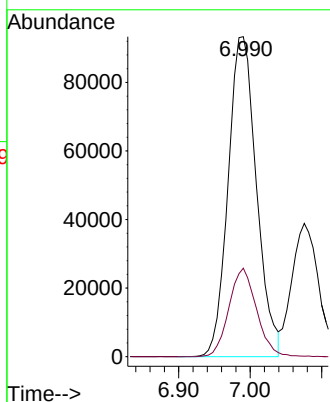
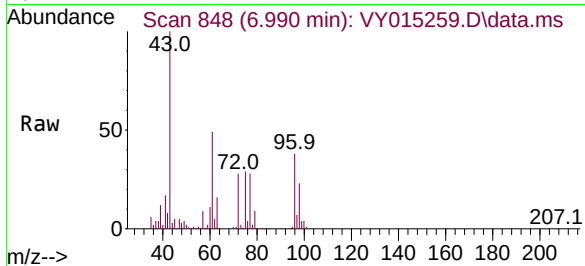




#25
2-Butanone
Concen: 387.326 ug/l
RT: 6.990 min Scan# 846
Delta R.T. 0.012 min
Lab File: VY015259.D
Acq: 22 Aug 2023 20:57

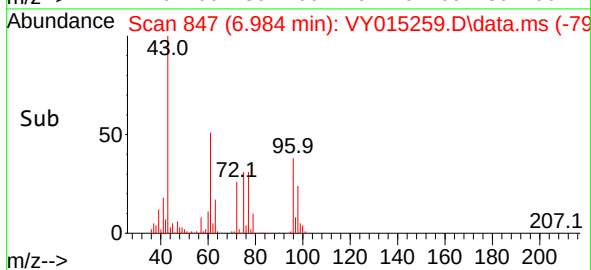
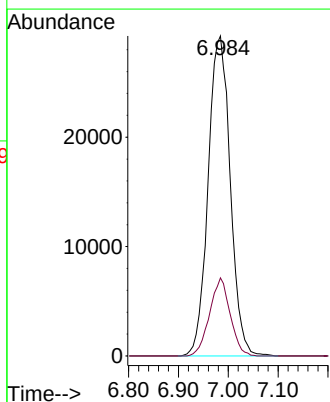
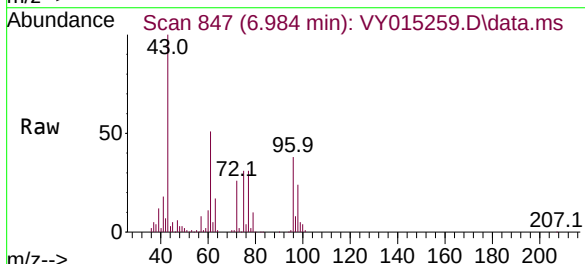
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

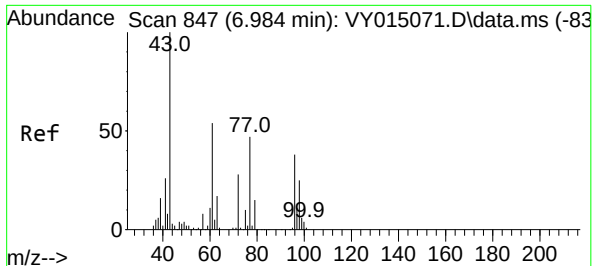
Tgt Ion: 43 Resp: 257180
Ion Ratio Lower Upper
43 100
72 27.7 20.5 30.7



#26
2,2-Dichloropropane
Concen: 46.884 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.012 min
Lab File: VY015259.D
Acq: 22 Aug 2023 20:57

Tgt Ion: 77 Resp: 90078
Ion Ratio Lower Upper
77 100
97 22.7 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 74.938 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY015259.D

Acq: 22 Aug 2023 20:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

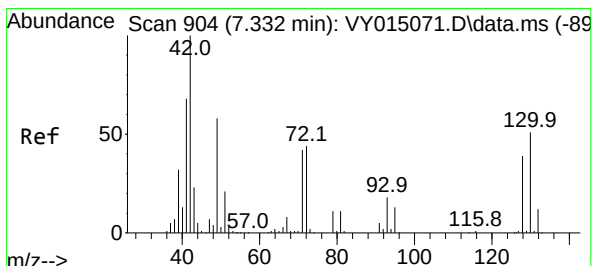
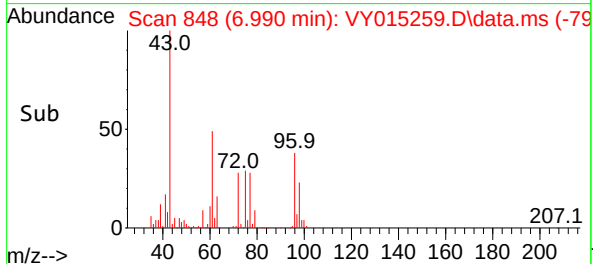
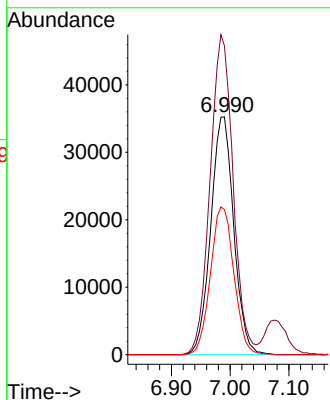
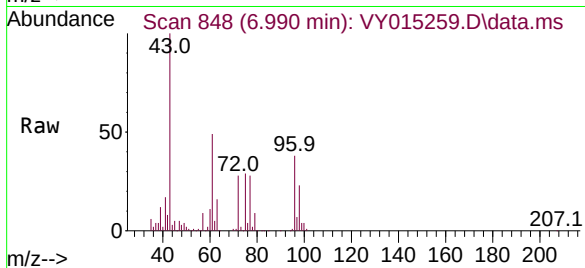
Tgt Ion: 96 Resp: 96082

Ion Ratio Lower Upper

96 100

61 134.4 0.0 301.4

98 63.3 0.0 130.4



#28

Bromochloromethane

Concen: 61.731 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY015259.D

Acq: 22 Aug 2023 20:57

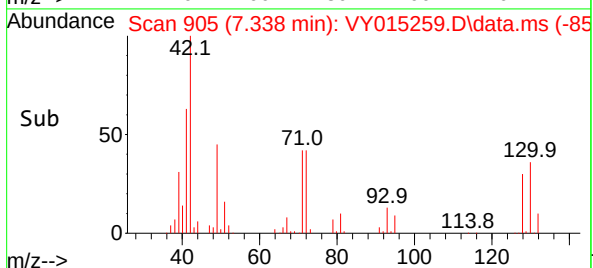
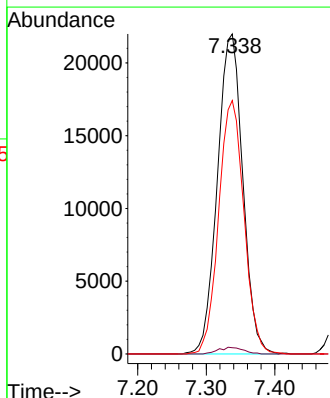
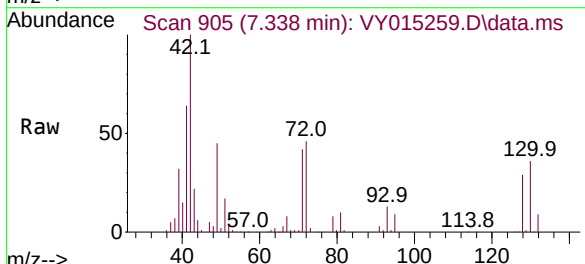
Tgt Ion: 49 Resp: 56524

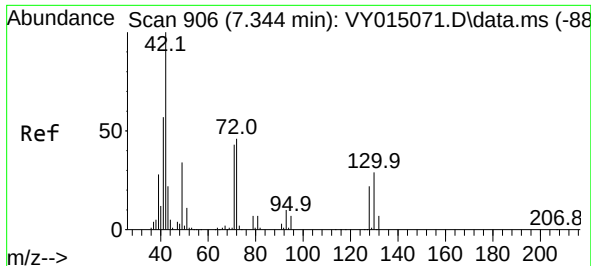
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.6

130 78.7 60.7 91.1





#29

Tetrahydrofuran

Concen: 419.621 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY015259.D

Acq: 22 Aug 2023 20:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

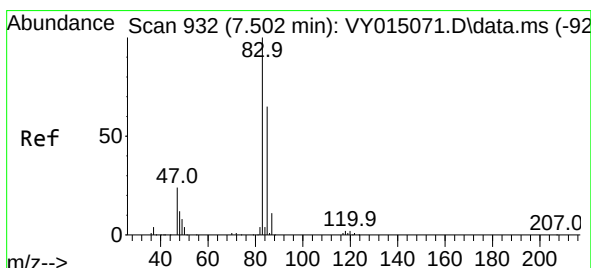
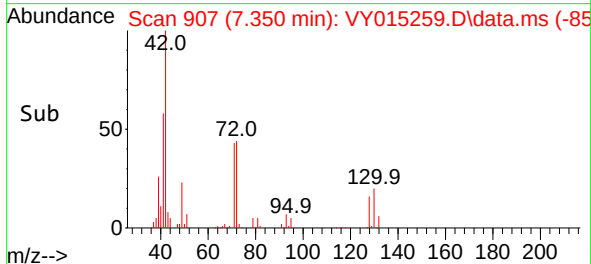
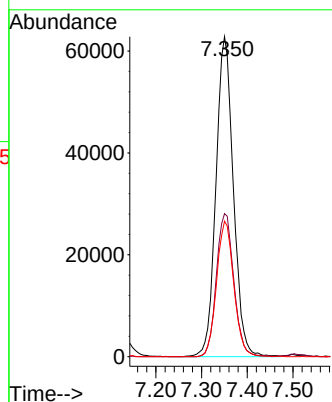
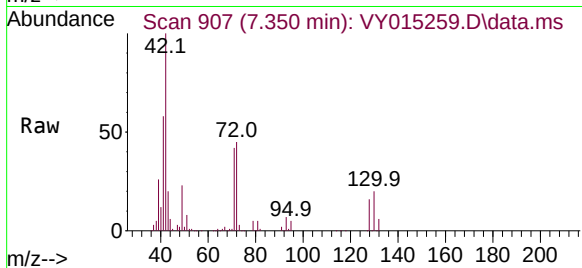
Tgt Ion: 42 Resp: 166601

Ion Ratio Lower Upper

42 100

72 44.8 32.8 49.2

71 41.9 31.0 46.4



#30

Chloroform

Concen: 74.856 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.007 min

Lab File: VY015259.D

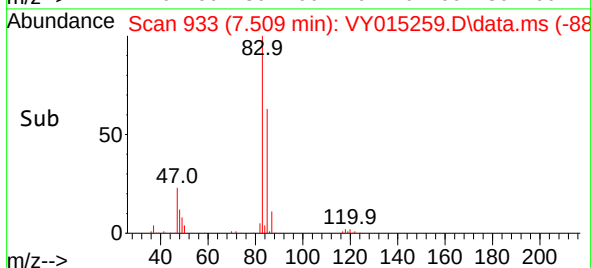
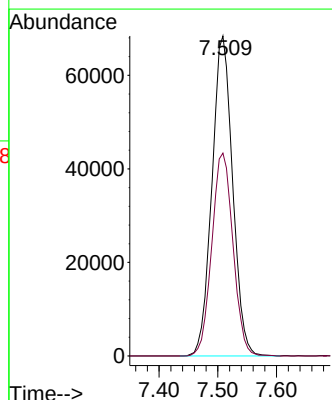
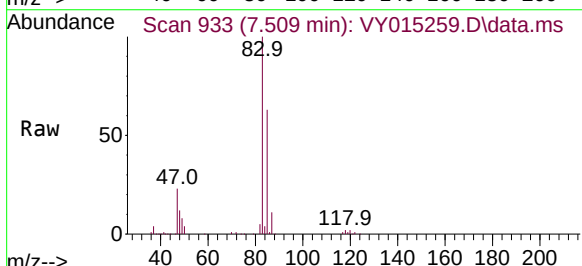
Acq: 22 Aug 2023 20:57

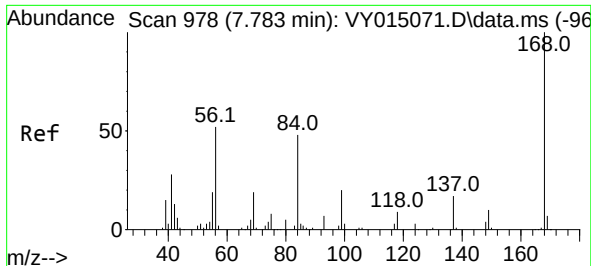
Tgt Ion: 83 Resp: 167245

Ion Ratio Lower Upper

83 100

85 63.4 49.7 74.5

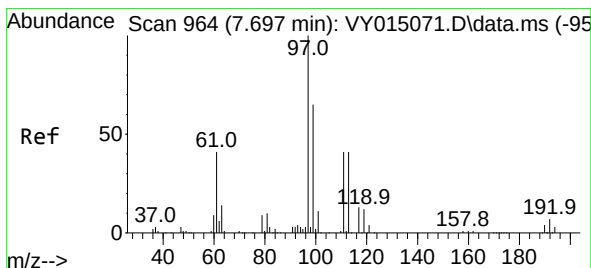
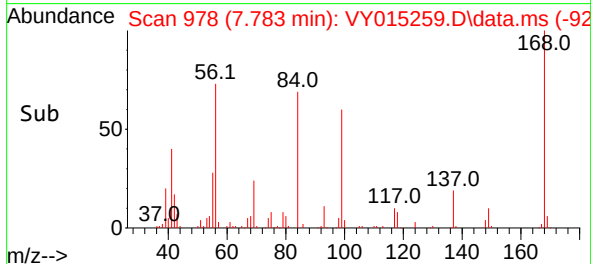
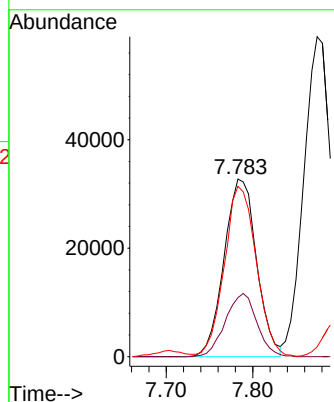
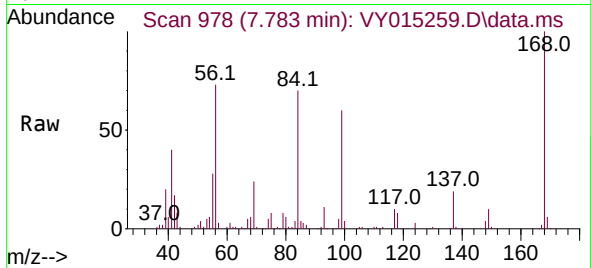




#31
Cyclohexane
Concen: 67.416 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015259.D
Acq: 22 Aug 2023 20:57

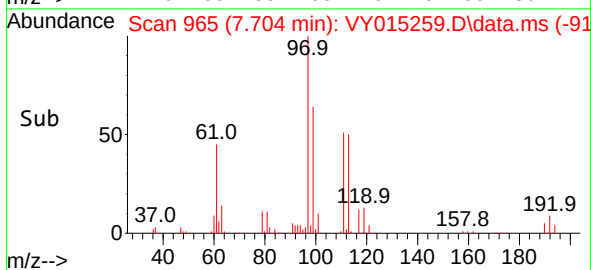
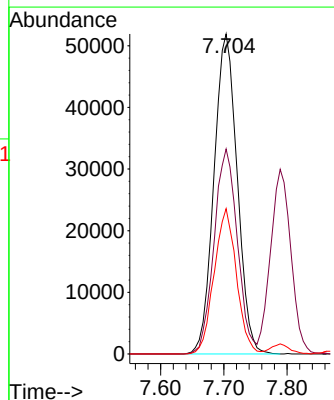
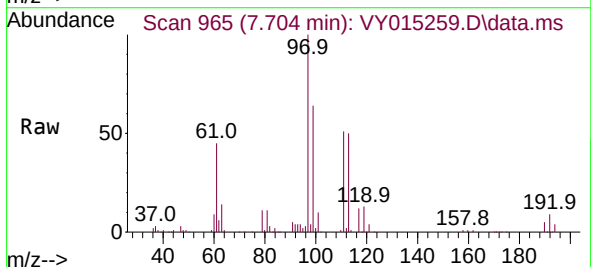
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

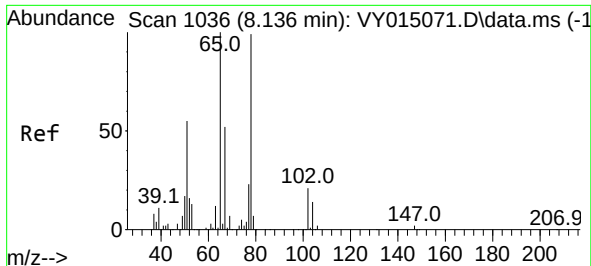
Tgt Ion: 56 Resp: 85301
Ion Ratio Lower Upper
56 100
69 33.2 27.8 41.6
84 93.4 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 69.743 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY015259.D
Acq: 22 Aug 2023 20:57

Tgt Ion: 97 Resp: 132596
Ion Ratio Lower Upper
97 100
99 64.4 50.8 76.2
61 43.6 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 77.821 ug/l

RT: 8.143 min Scan# 1117

Delta R.T. 0.006 min

Lab File: VY015259.D

Acq: 22 Aug 2023 20:57

Instrument :

MSVOA_Y

ClientSampleId :

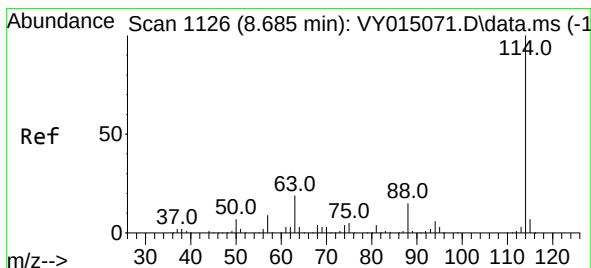
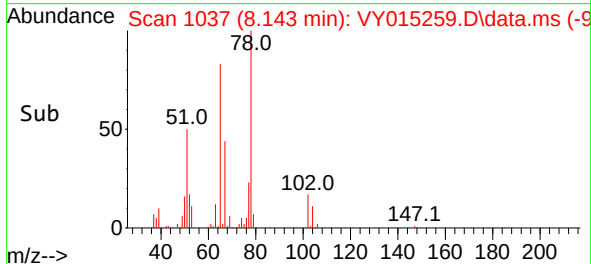
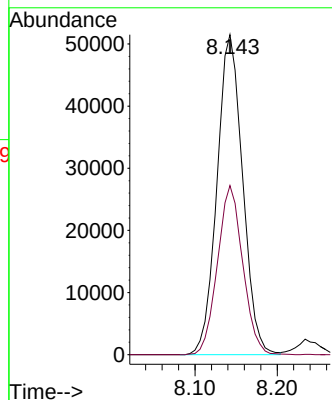
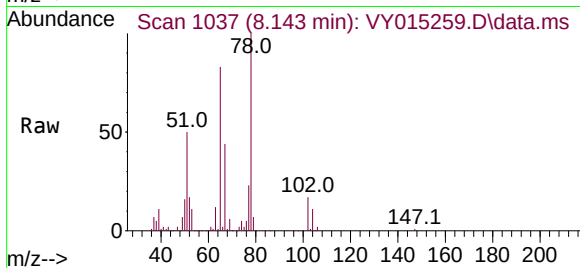
VSTDCCC050EC

Tgt Ion: 65 Resp: 111712

Ion Ratio Lower Upper

65 100

67 51.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015259.D

Acq: 22 Aug 2023 20:57

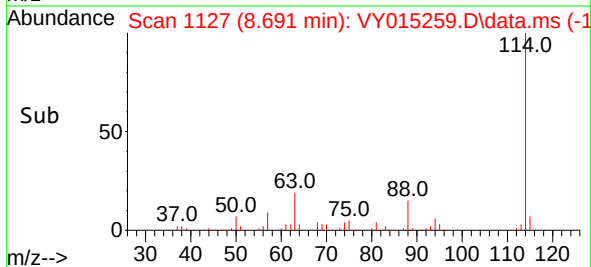
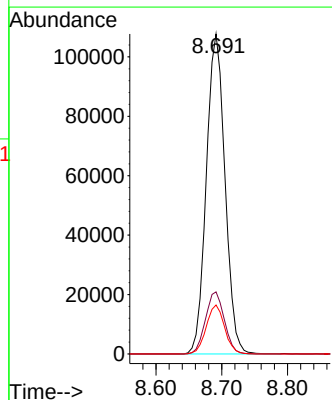
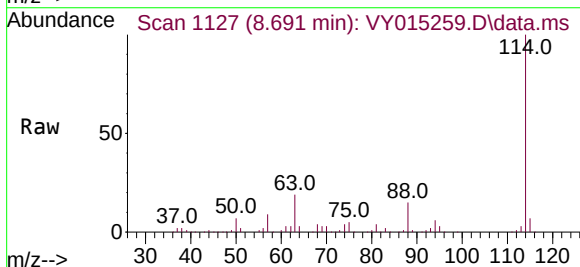
Tgt Ion: 114 Resp: 212780

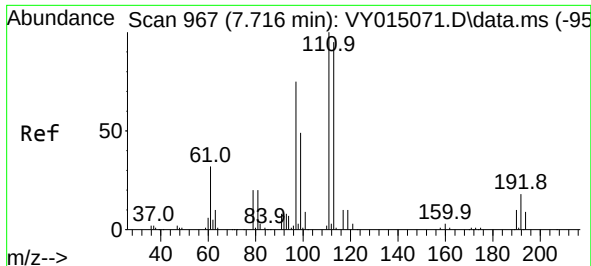
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

88 15.3 0.0 30.6

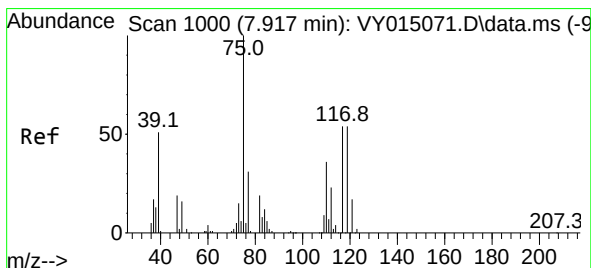
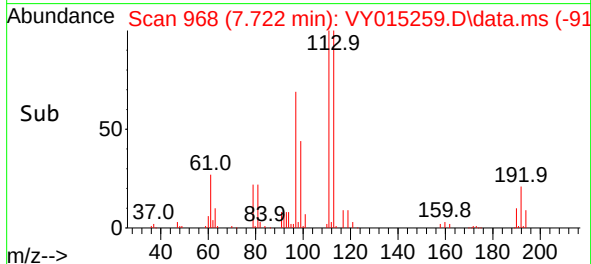
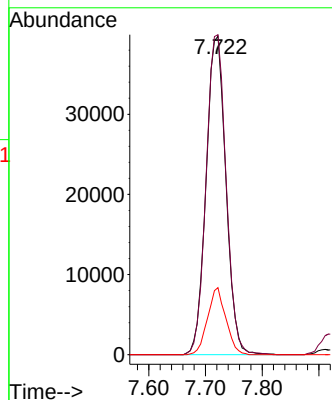
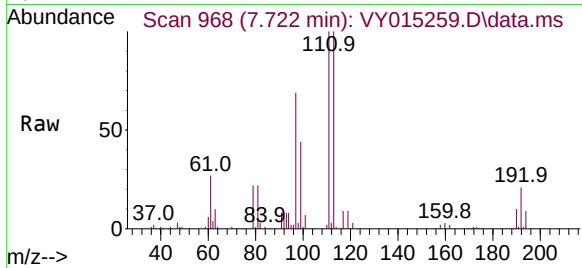




#35
Dibromofluoromethane
Concen: 70.520 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015259.D
Acq: 22 Aug 2023 20:57

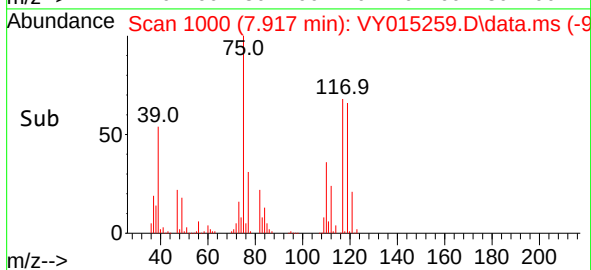
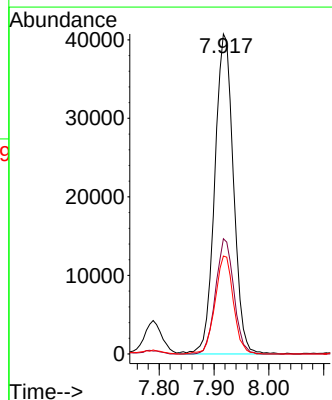
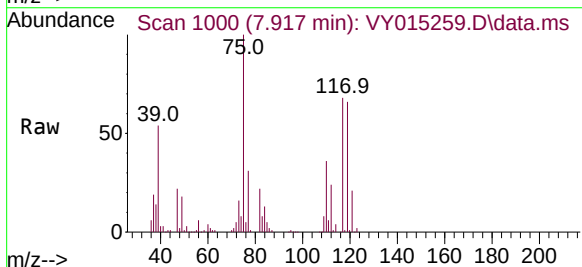
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

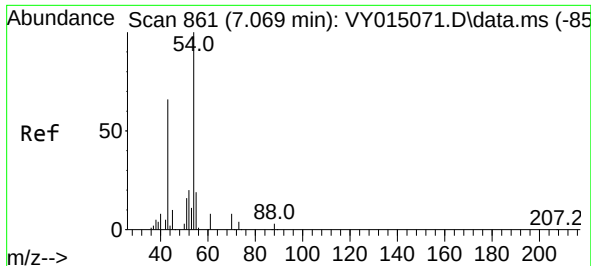
Tgt Ion:113 Resp: 96534
Ion Ratio Lower Upper
113 100
111 101.3 81.3 121.9
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 63.824 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY015259.D
Acq: 22 Aug 2023 20:57

Tgt Ion: 75 Resp: 96656
Ion Ratio Lower Upper
75 100
110 35.0 17.8 53.5
77 29.9 24.4 36.6





#37

Ethyl Acetate

Concen: 73.933 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY015259.D

Acq: 22 Aug 2023 20:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

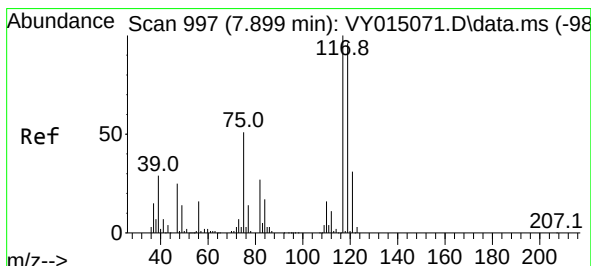
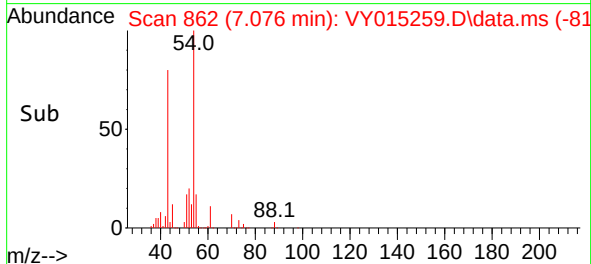
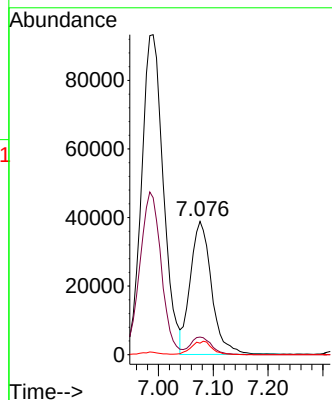
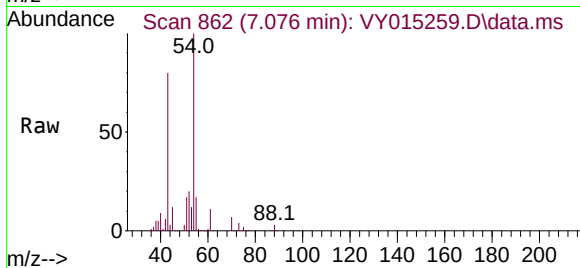
Tgt Ion: 43 Resp: 104366

Ion Ratio Lower Upper

43 100

61 13.1 10.1 15.1

70 9.8 7.1 10.7



#38

Carbon Tetrachloride

Concen: 61.867 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY015259.D

Acq: 22 Aug 2023 20:57

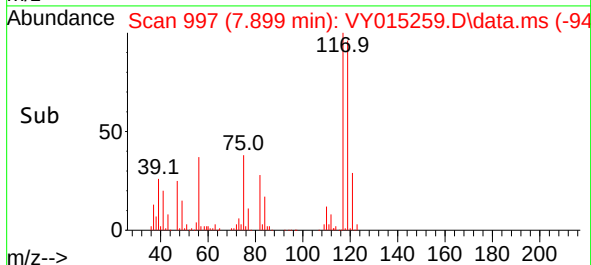
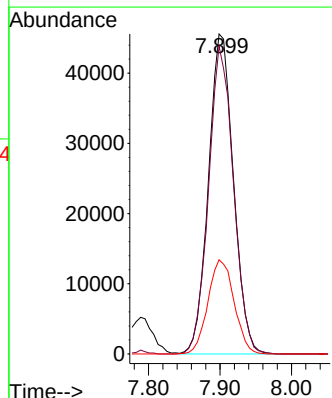
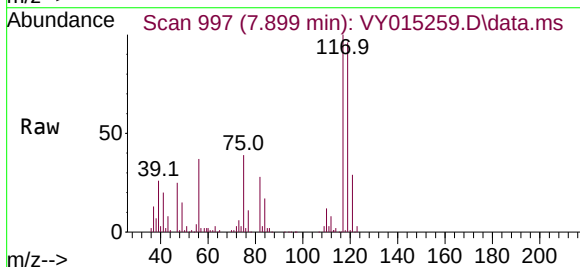
Tgt Ion: 117 Resp: 110885

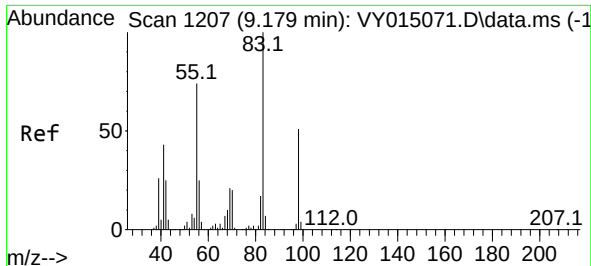
Ion Ratio Lower Upper

117 100

119 96.2 76.4 114.6

121 29.4 25.8 38.6

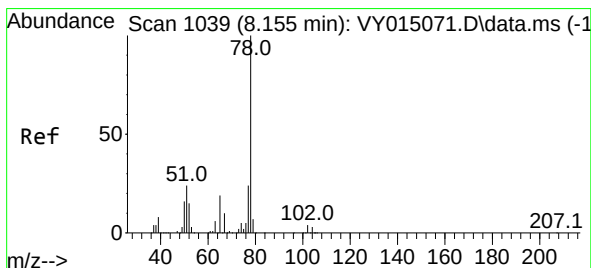
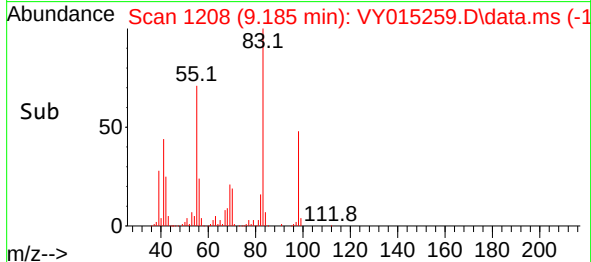
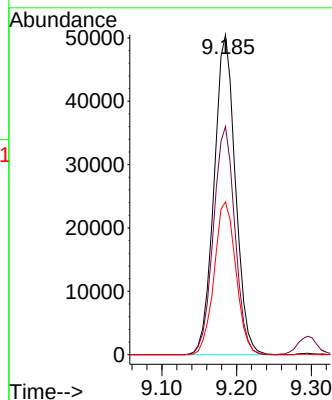
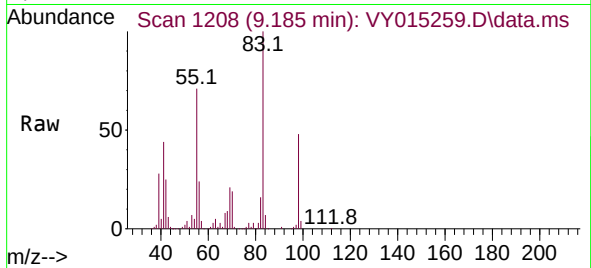




#39
Methylcyclohexane
Concen: 58.763 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015259.D
Acq: 22 Aug 2023 20:57

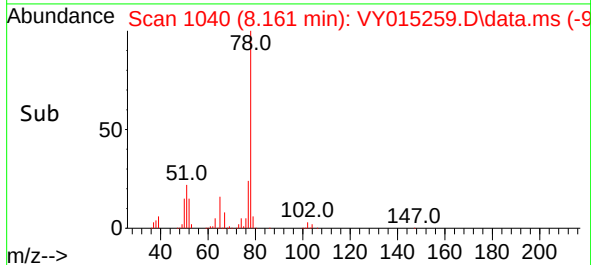
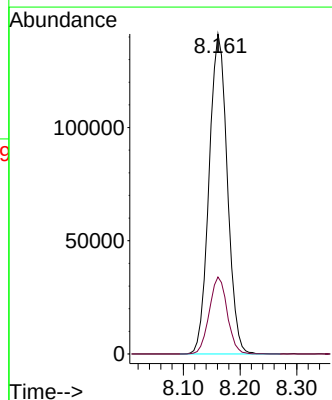
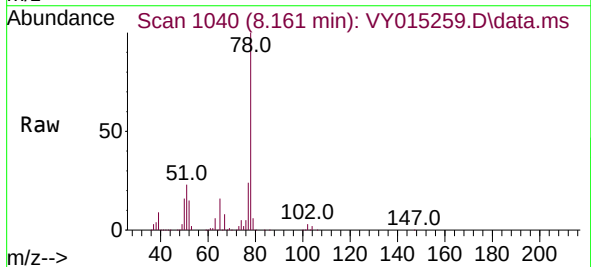
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

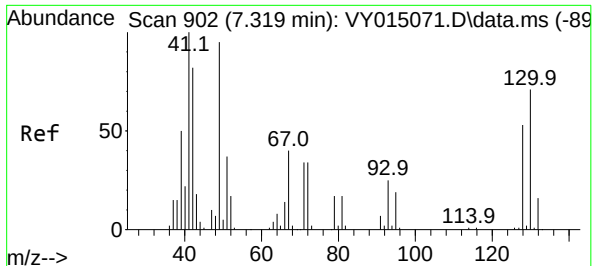
Tgt Ion: 83 Resp: 99764
Ion Ratio Lower Upper
83 100
55 71.3 63.0 94.4
98 47.8 37.4 56.2



#40
Benzene
Concen: 68.911 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY015259.D
Acq: 22 Aug 2023 20:57

Tgt Ion: 78 Resp: 315517
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.6

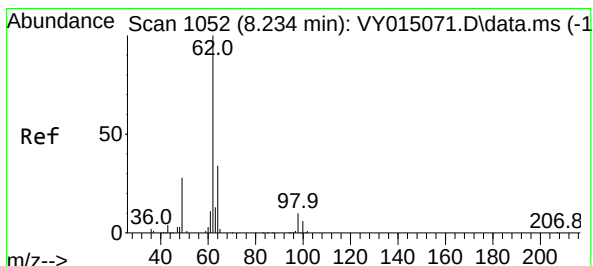
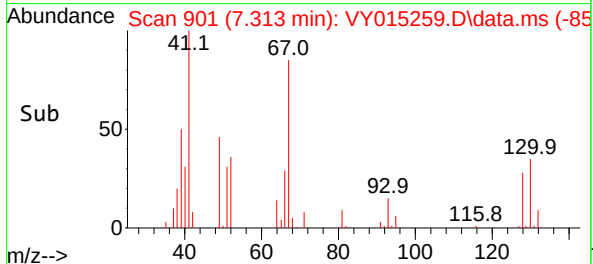
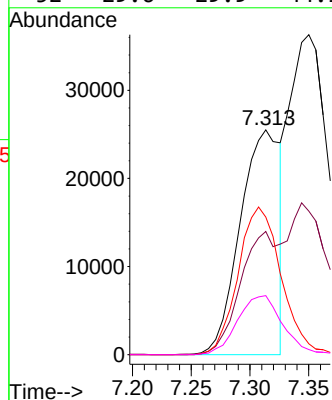
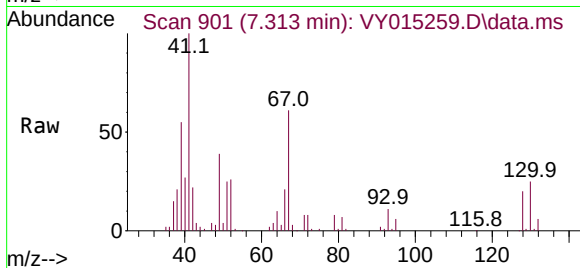




#41
Methacrylonitrile
Concen: 83.284 ug/l
RT: 7.313 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY015259.D
Acq: 22 Aug 2023 20:57

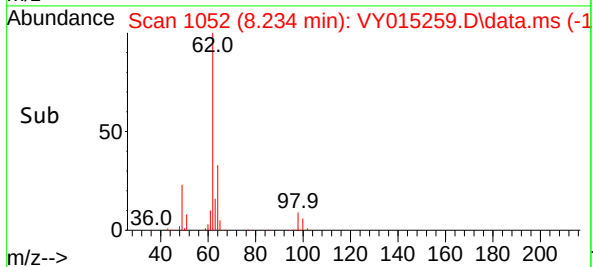
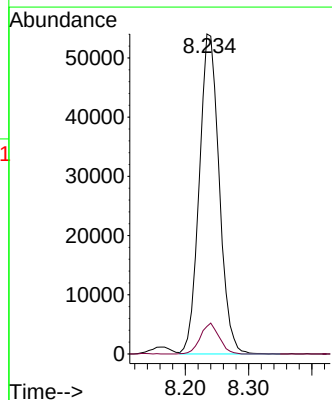
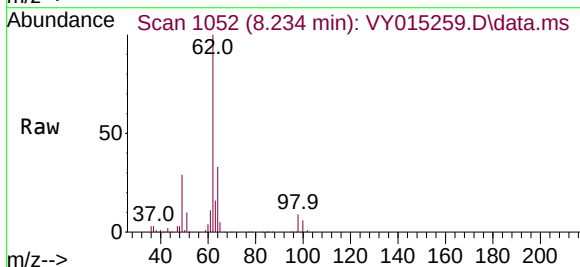
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

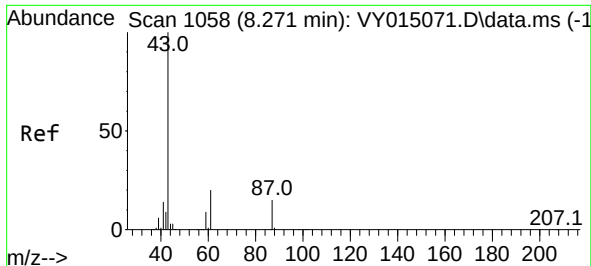
Tgt Ion: 41 Resp: 60623
Ion Ratio Lower Upper
41 100
39 45.8 52.1 78.1#
67 71.1 66.2 99.2
52 29.6 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 71.246 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY015259.D
Acq: 22 Aug 2023 20:57

Tgt Ion: 62 Resp: 118471
Ion Ratio Lower Upper
62 100
98 9.1 0.0 15.8

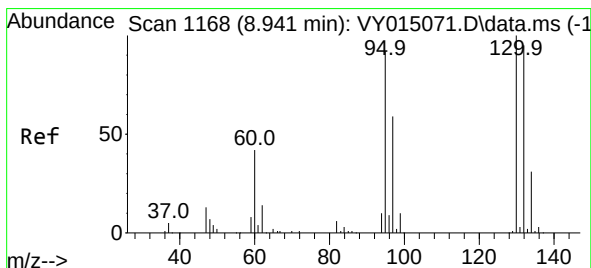
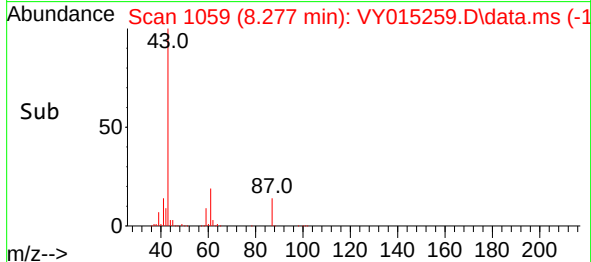
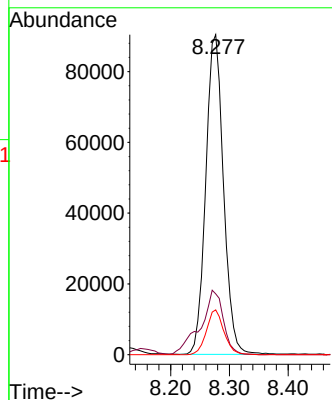
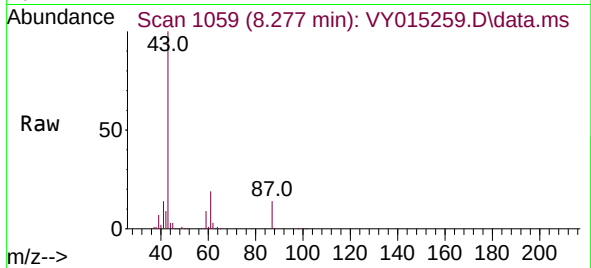




#43
Isopropyl Acetate
Concen: 73.683 ug/l
RT: 8.277 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY015259.D
Acq: 22 Aug 2023 20:57

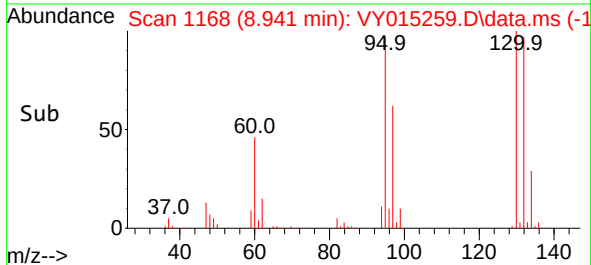
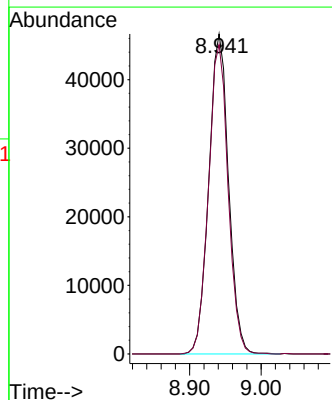
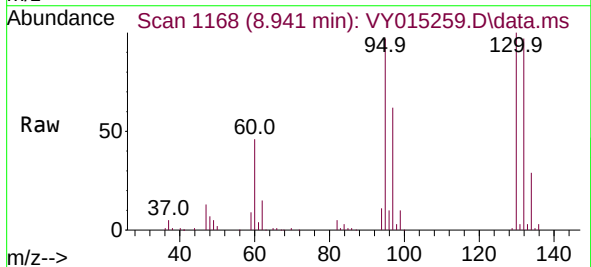
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

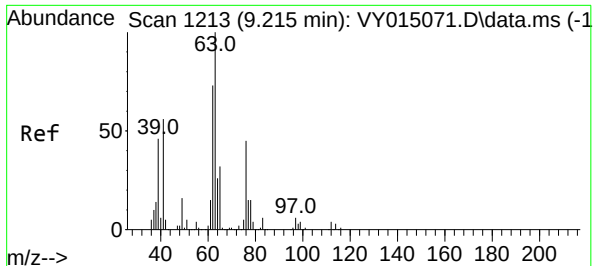
Tgt Ion: 43 Resp: 189415
Ion Ratio Lower Upper
43 100
61 26.0 21.1 31.7
87 13.8 9.8 14.8



#44
Trichloroethene
Concen: 67.984 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY015259.D
Acq: 22 Aug 2023 20:57

Tgt Ion:130 Resp: 89677
Ion Ratio Lower Upper
130 100
95 96.7 0.0 196.0





#45

1,2-Dichloropropane

Concen: 70.789 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VY015259.D

Acq: 22 Aug 2023 20:57

Instrument :

MSVOA_Y

ClientSampleId :

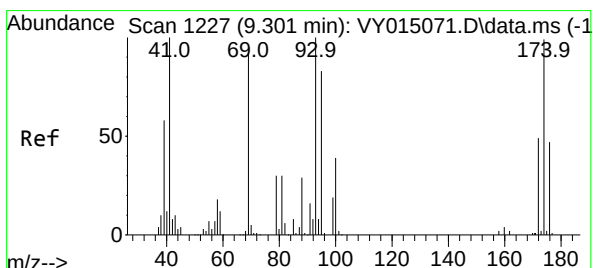
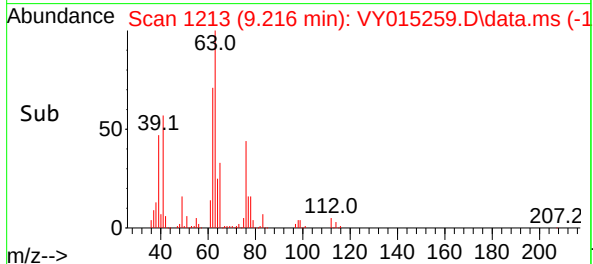
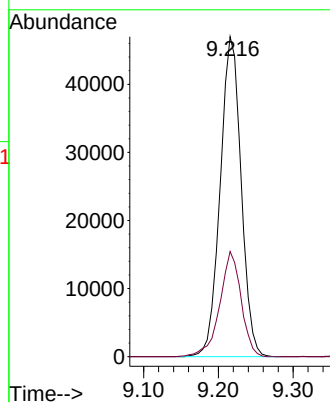
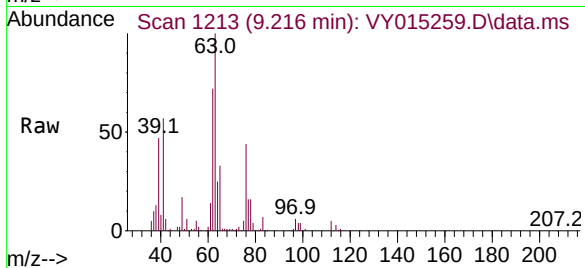
VSTDCCC050EC

Tgt Ion: 63 Resp: 91396

Ion Ratio Lower Upper

63 100

65 32.9 23.8 35.6



#46

Dibromomethane

Concen: 72.083 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY015259.D

Acq: 22 Aug 2023 20:57

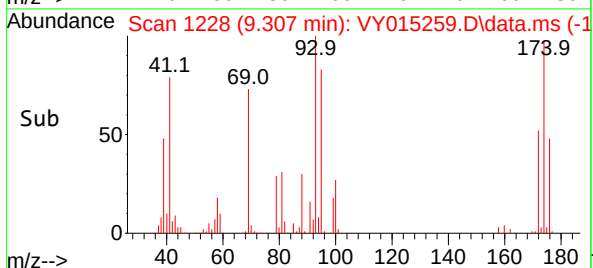
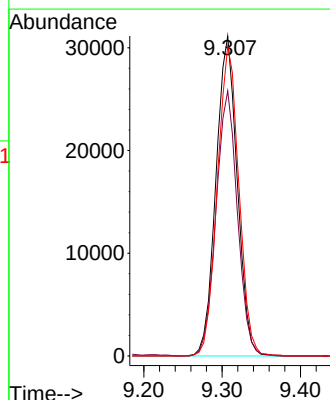
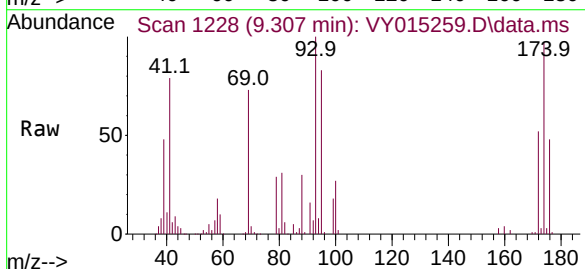
Tgt Ion: 93 Resp: 58698

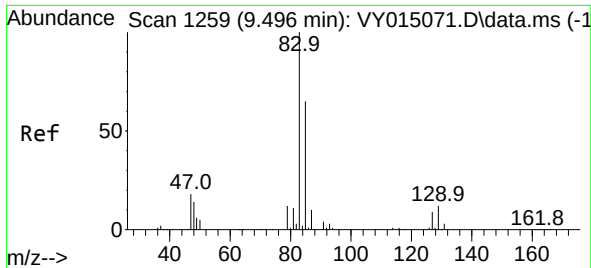
Ion Ratio Lower Upper

93 100

95 83.2 66.6 100.0

174 97.9 84.8 127.2

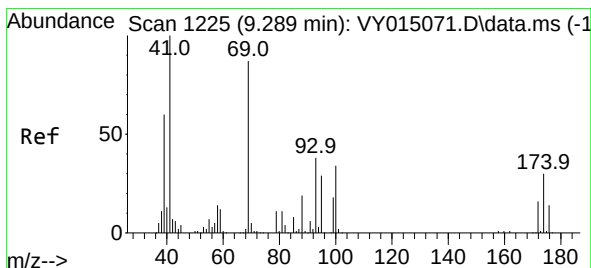
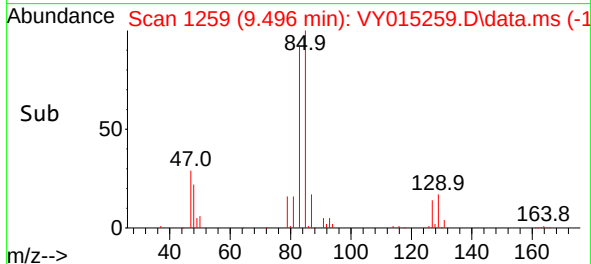
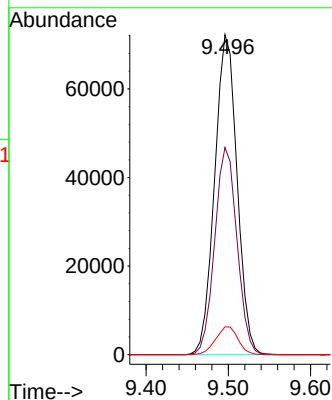
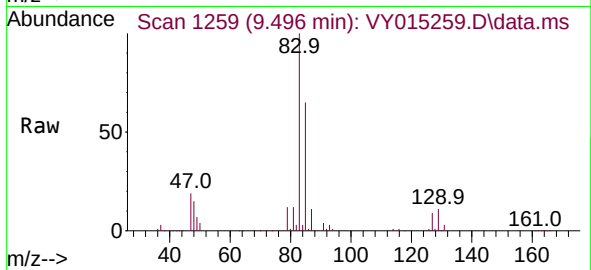




#47
Bromodichloromethane
Concen: 70.567 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY015259.D
Acq: 22 Aug 2023 20:57

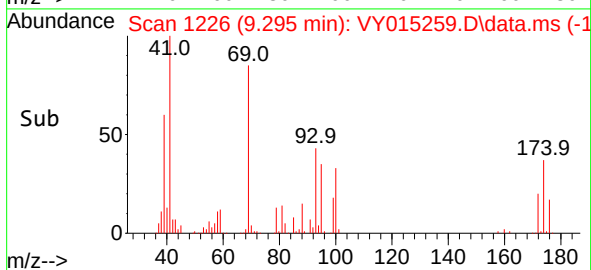
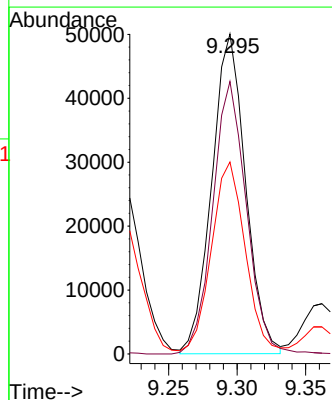
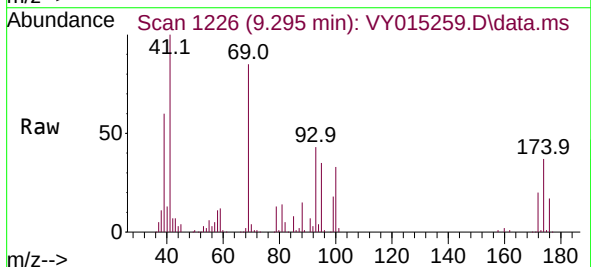
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

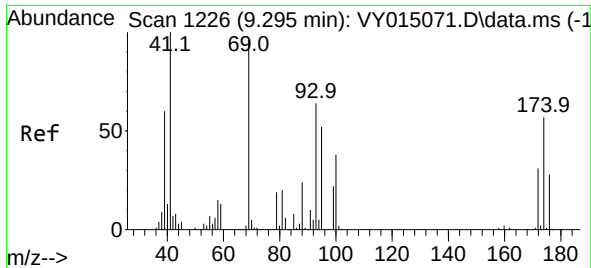
Tgt Ion: 83 Resp: 137122
Ion Ratio Lower Upper
83 100
85 64.7 50.1 75.1
127 8.7 7.1 10.7



#48
Methyl methacrylate
Concen: 77.941 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY015259.D
Acq: 22 Aug 2023 20:57

Tgt Ion: 41 Resp: 85709
Ion Ratio Lower Upper
41 100
69 85.1 64.5 96.7
39 60.3 50.8 76.2





#49

1,4-Dioxane

Concen: 1470.087 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY015259.D

Acq: 22 Aug 2023 20:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

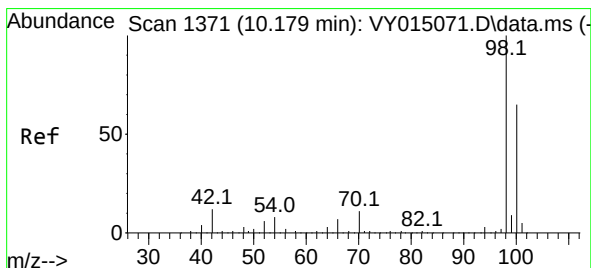
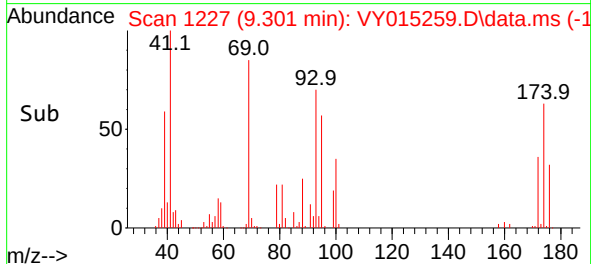
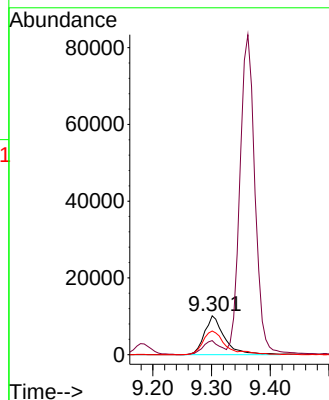
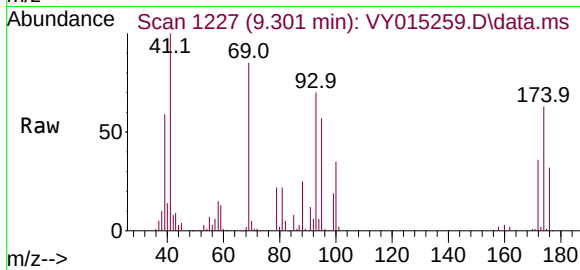
Tgt Ion: 88 Resp: 23938

Ion Ratio Lower Upper

88 100

43 32.0 0.0 0.0#

58 69.6 30.9 46.3#



#50

Toluene-d8

Concen: 66.382 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015259.D

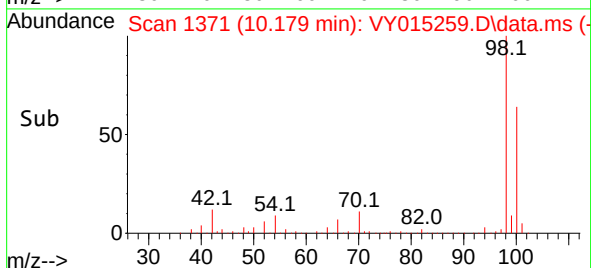
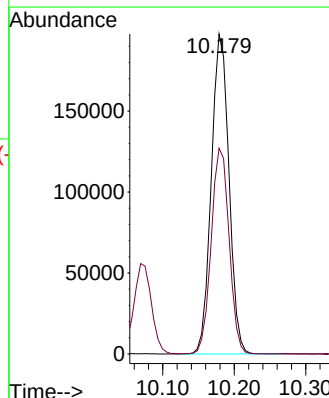
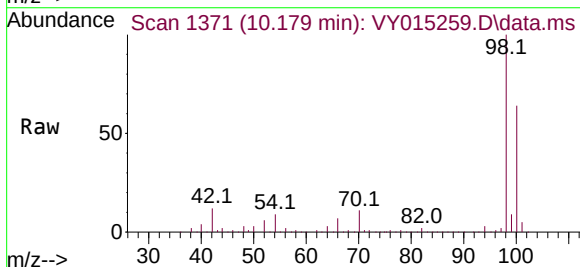
Acq: 22 Aug 2023 20:57

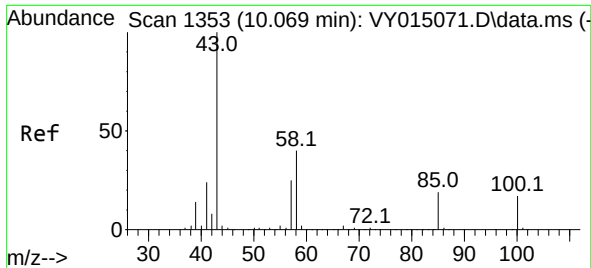
Tgt Ion: 98 Resp: 338267

Ion Ratio Lower Upper

98 100

100 65.3 50.1 75.1

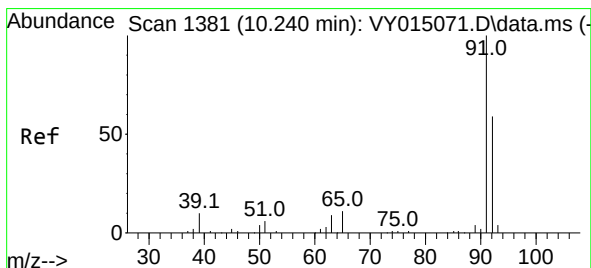
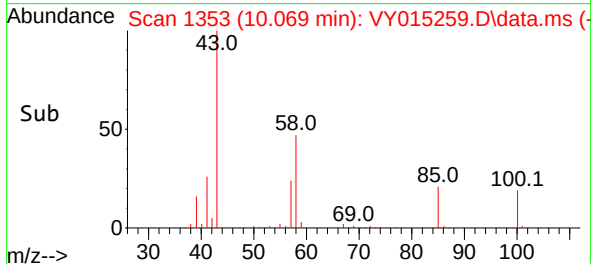
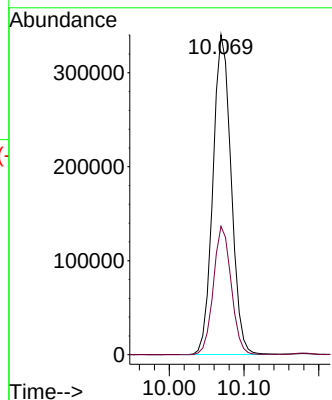
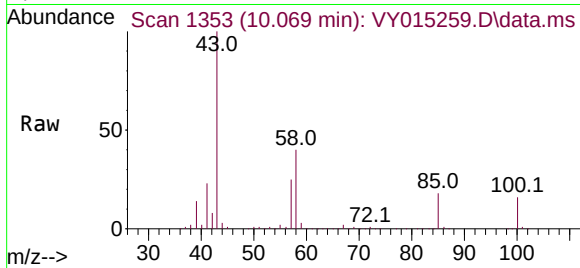




#51
4-Methyl-2-Pentanone
Concen: 386.813 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY015259.D
Acq: 22 Aug 2023 20:57

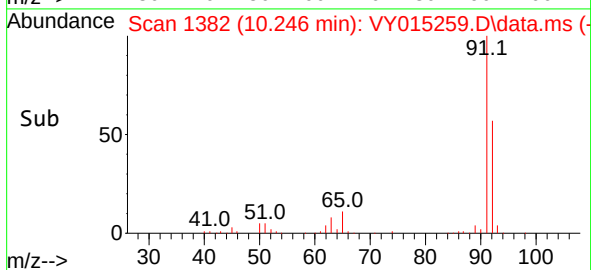
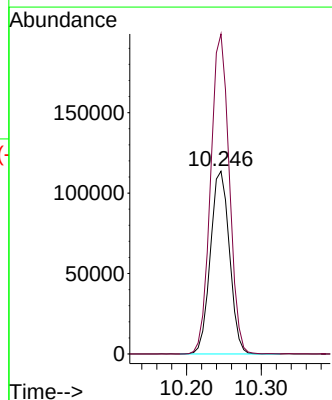
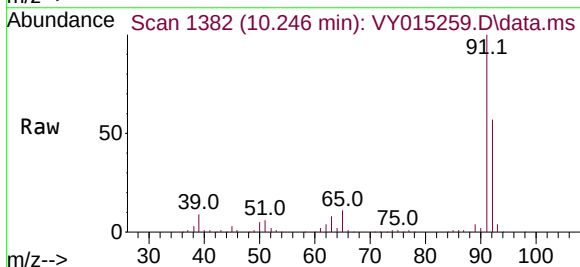
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

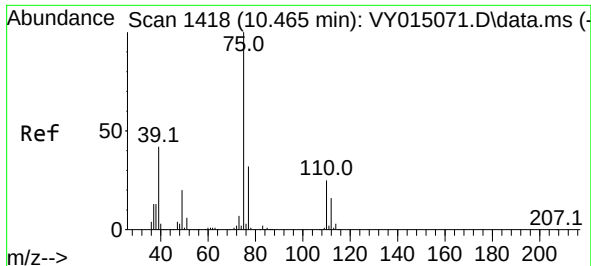
Tgt Ion: 43 Resp: 576293
Ion Ratio Lower Upper
43 100
58 39.3 29.0 43.6



#52
Toluene
Concen: 66.608 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015259.D
Acq: 22 Aug 2023 20:57

Tgt Ion: 92 Resp: 201014
Ion Ratio Lower Upper
92 100
91 171.4 143.8 215.6

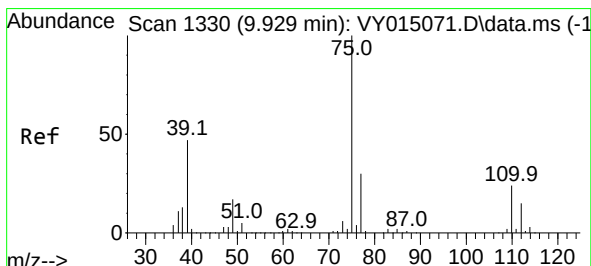
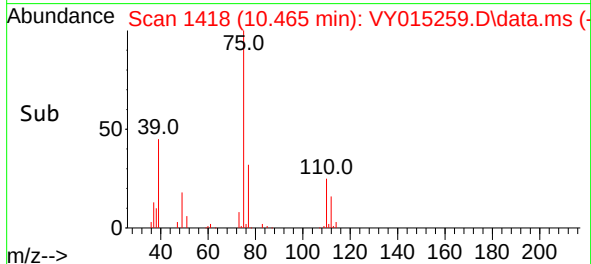
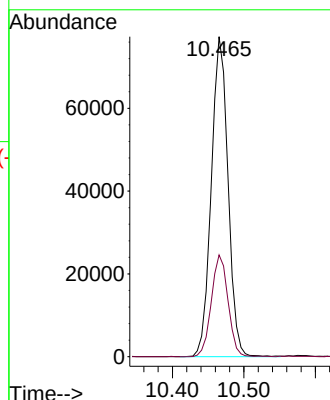
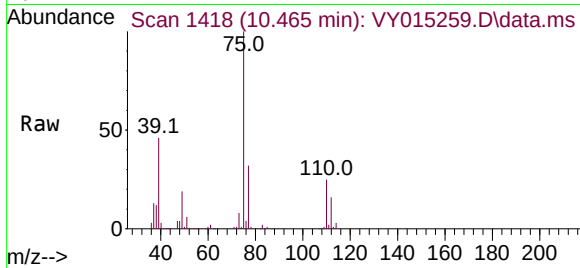




#53
t-1,3-Dichloropropene
Concen: 61.380 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY015259.D
Acq: 22 Aug 2023 20:57

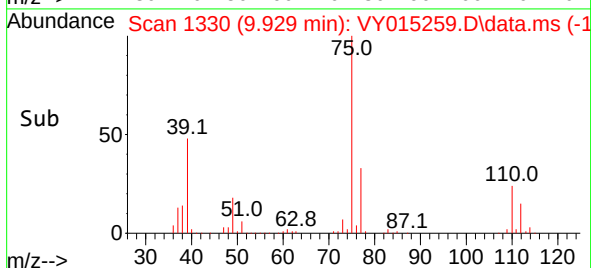
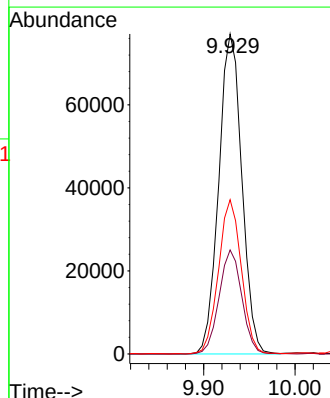
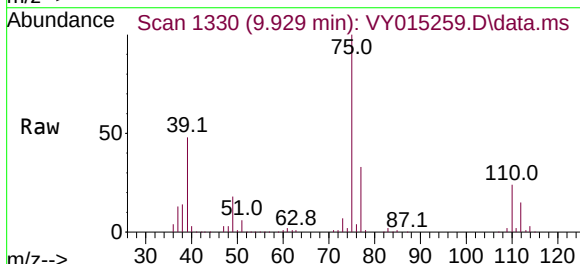
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

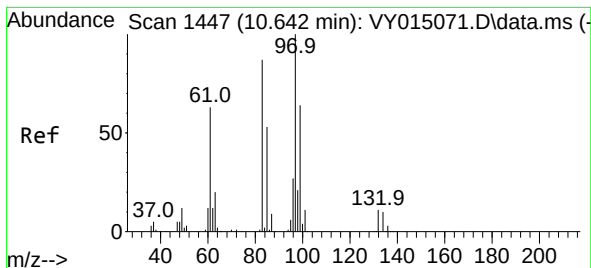
Tgt Ion: 75 Resp: 125347
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 62.992 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY015259.D
Acq: 22 Aug 2023 20:57

Tgt Ion: 75 Resp: 135476
Ion Ratio Lower Upper
75 100
77 32.5 24.2 36.4
39 48.1 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 71.200 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY015259.D

Acq: 22 Aug 2023 20:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 88158

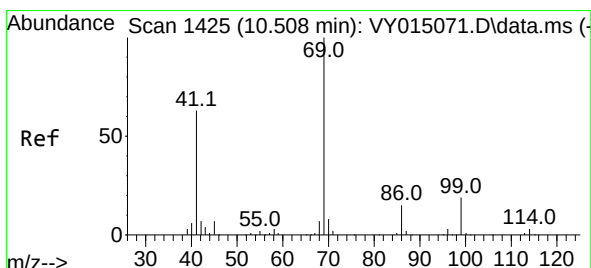
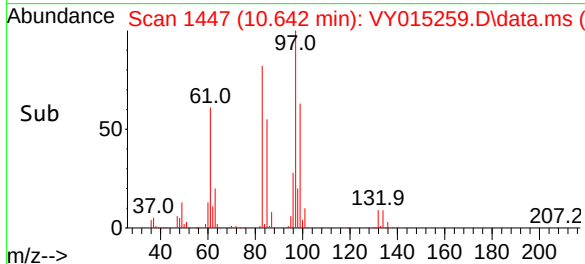
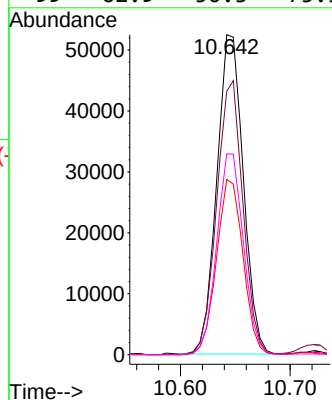
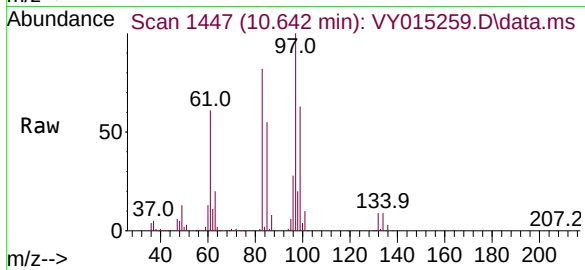
Ion Ratio Lower Upper

97 100

83 82.5 72.0 108.0

85 54.9 45.4 68.0

99 62.9 50.3 75.5



#56

Ethyl methacrylate

Concen: 71.106 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY015259.D

Acq: 22 Aug 2023 20:57

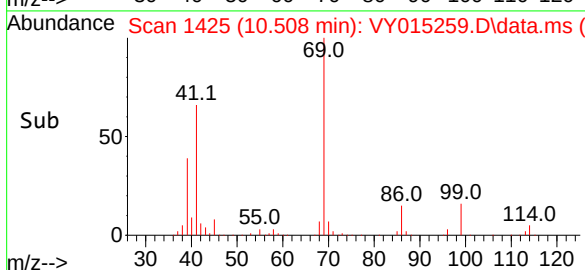
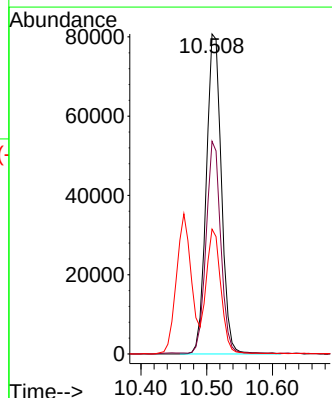
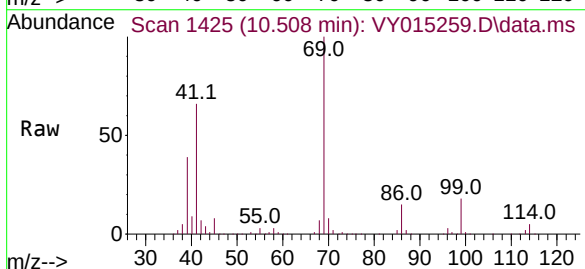
Tgt Ion: 69 Resp: 128848

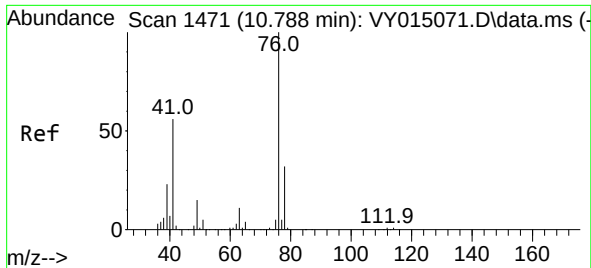
Ion Ratio Lower Upper

69 100

41 64.0 57.6 86.4

39 37.2 34.1 51.1

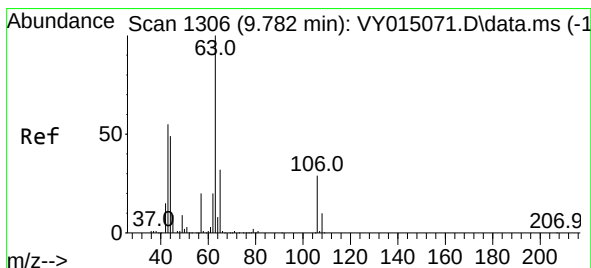
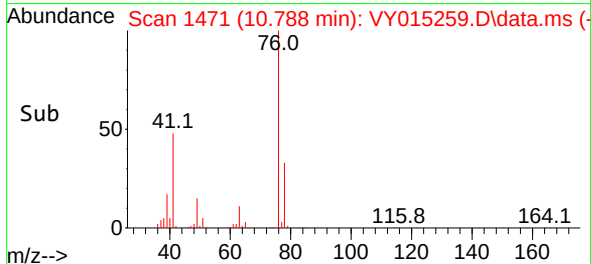
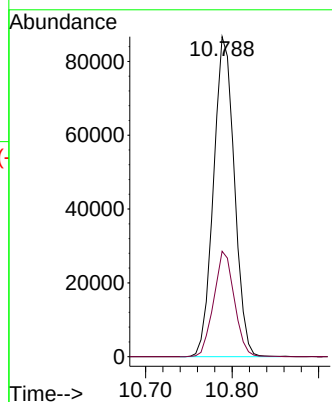
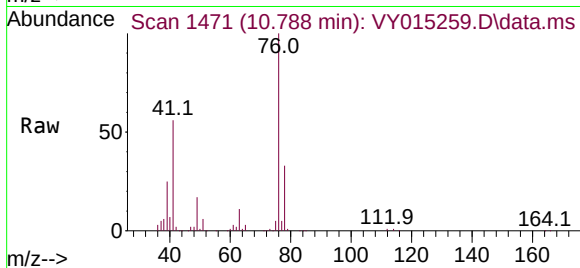




#57
1,3-Dichloropropane
Concen: 71.565 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY015259.D
Acq: 22 Aug 2023 20:57

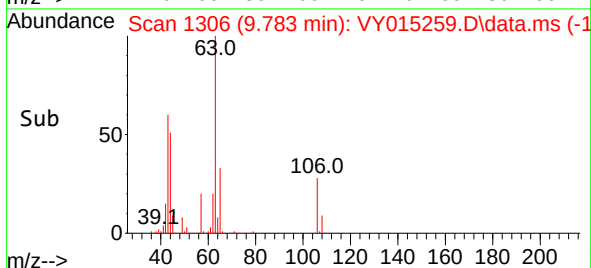
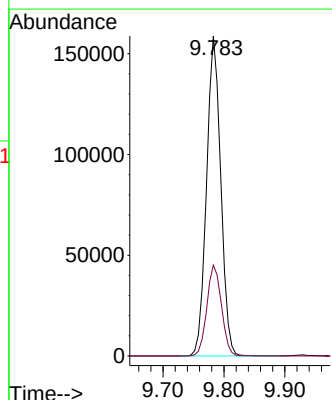
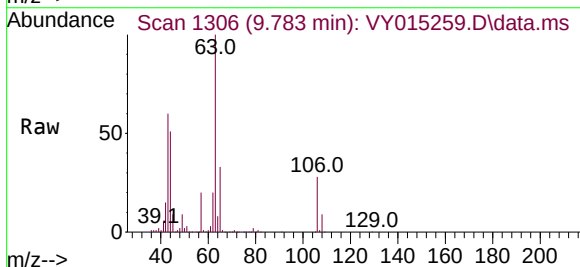
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

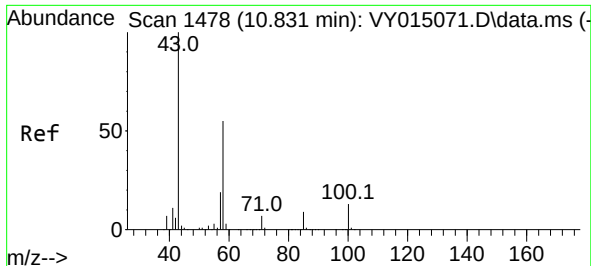
Tgt Ion: 76 Resp: 144769
Ion Ratio Lower Upper
76 100
78 32.6 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 305.576 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.006 min
Lab File: VY015259.D
Acq: 22 Aug 2023 20:57

Tgt Ion: 63 Resp: 257688
Ion Ratio Lower Upper
63 100
106 29.0 21.2 31.8

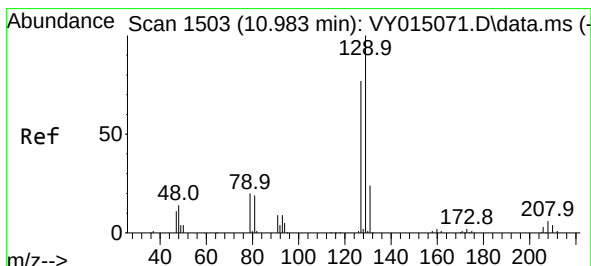
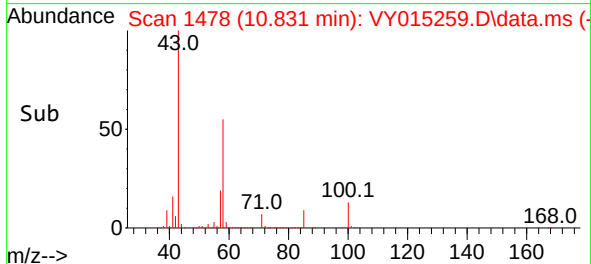
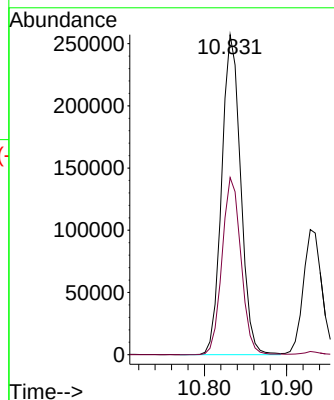
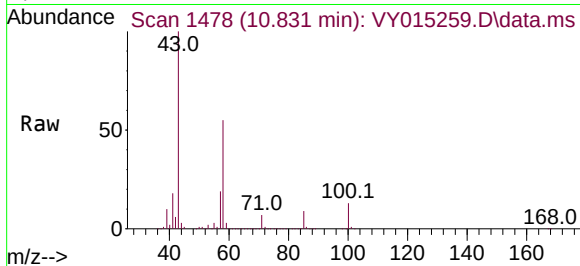




#59
2-Hexanone
Concen: 373.871 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015259.D
Acq: 22 Aug 2023 20:57

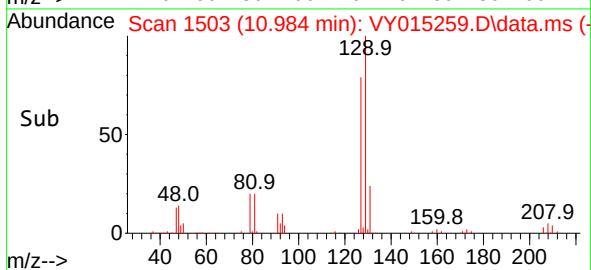
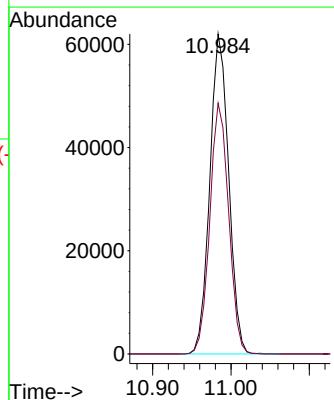
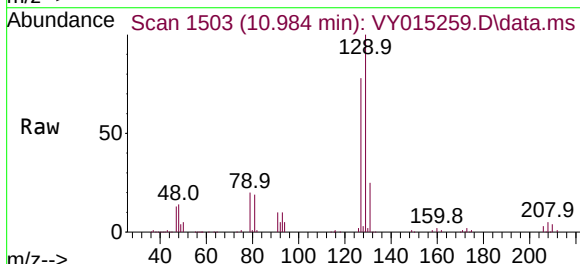
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

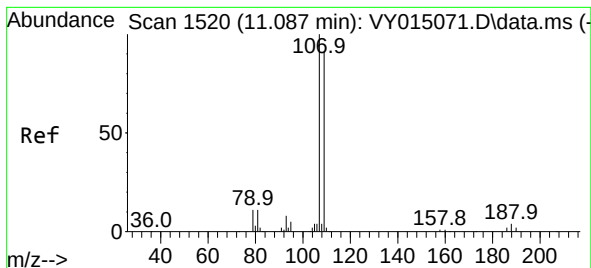
Tgt Ion: 43 Resp: 412247
Ion Ratio Lower Upper
43 100
58 55.3 25.1 75.3



#60
Dibromochloromethane
Concen: 70.164 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015259.D
Acq: 22 Aug 2023 20:57

Tgt Ion: 129 Resp: 103630
Ion Ratio Lower Upper
129 100
127 78.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 70.149 ug/l

RT: 11.087 min Scan# 1520

Delta R.T. 0.000 min

Lab File: VY015259.D

Acq: 22 Aug 2023 20:57

Instrument :

MSVOA_Y

ClientSampleId :

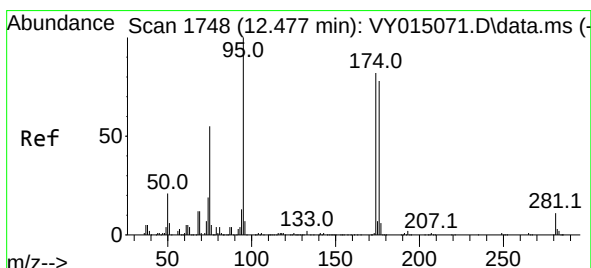
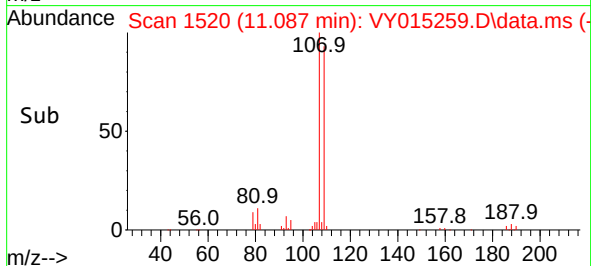
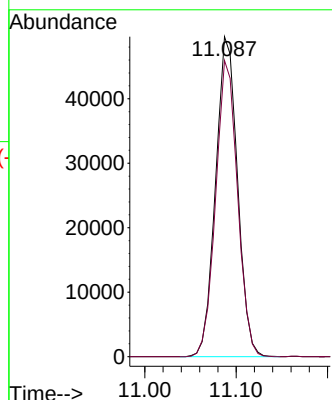
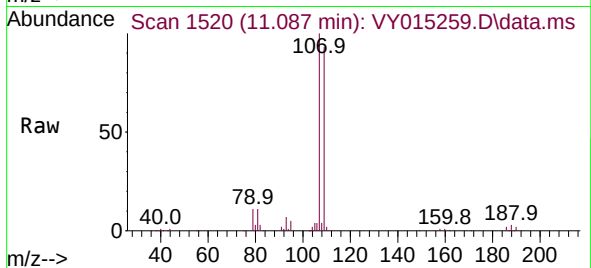
VSTDCCC050EC

Tgt Ion:107 Resp: 82511

Ion Ratio Lower Upper

107 100

109 92.4 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 66.057 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY015259.D

Acq: 22 Aug 2023 20:57

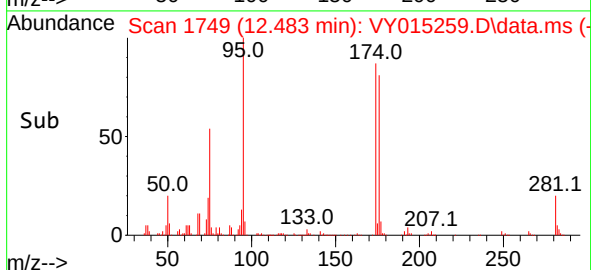
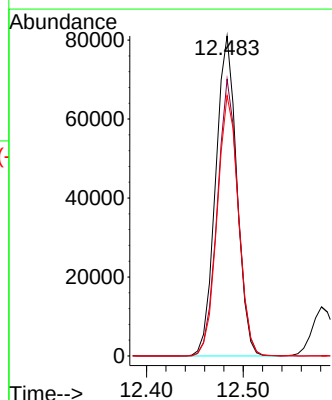
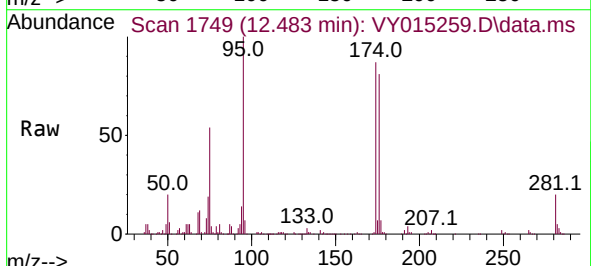
Tgt Ion: 95 Resp: 122946

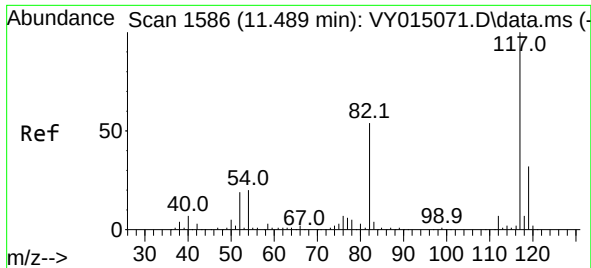
Ion Ratio Lower Upper

95 100

174 84.7 0.0 178.2

176 81.5 0.0 173.8

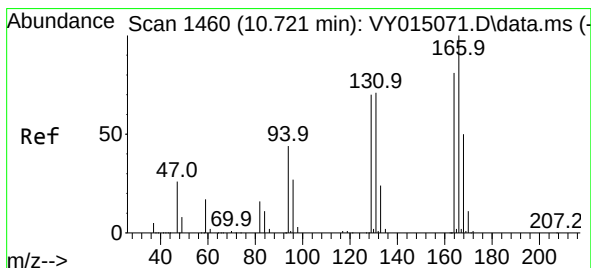
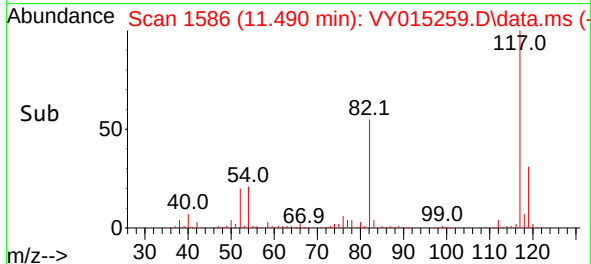
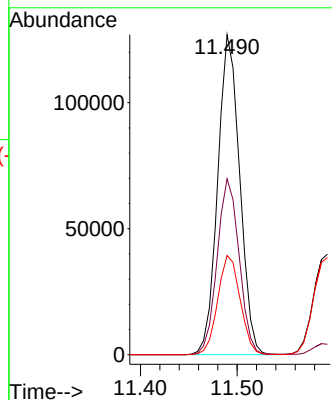
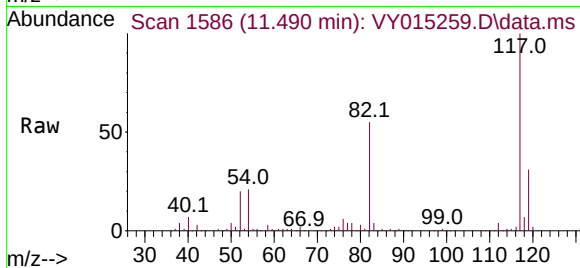




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY015259.D
Acq: 22 Aug 2023 20:57

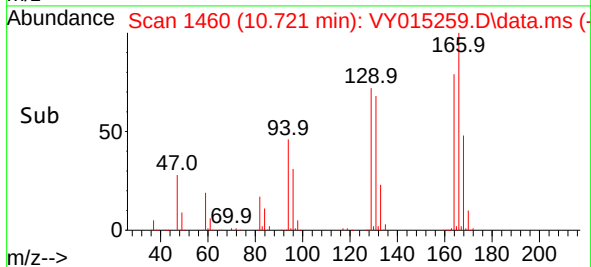
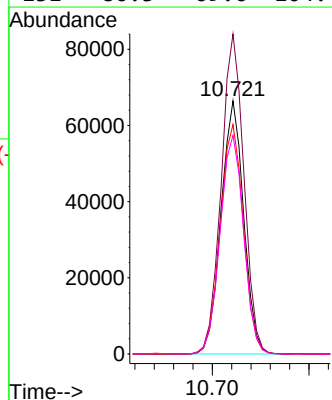
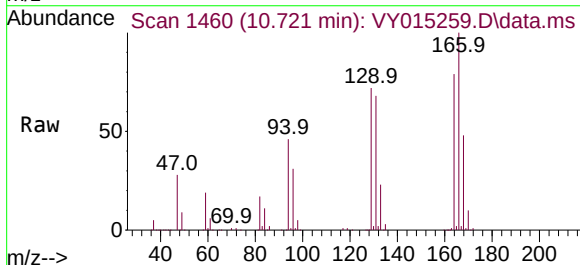
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

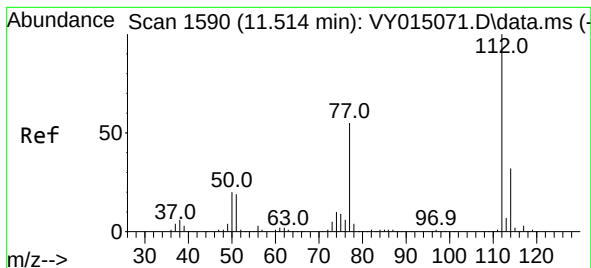
Tgt Ion:117 Resp: 200455
Ion Ratio Lower Upper
117 100
82 55.0 43.4 65.0
119 31.0 26.3 39.5



#64
Tetrachloroethene
Concen: 77.257 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY015259.D
Acq: 22 Aug 2023 20:57

Tgt Ion:164 Resp: 107895
Ion Ratio Lower Upper
164 100
166 126.4 103.0 154.6
129 90.6 77.2 115.8
131 86.3 69.6 104.4

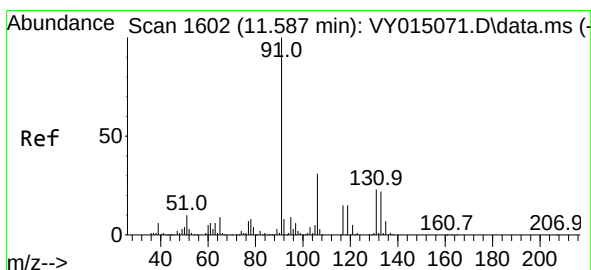
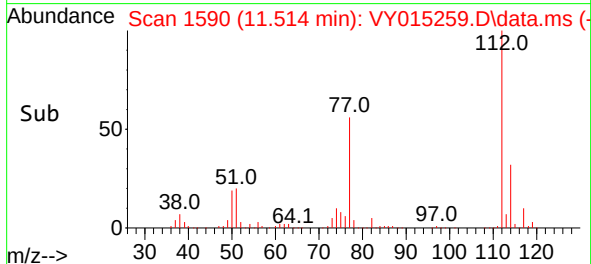
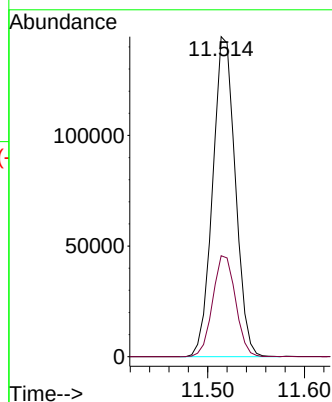
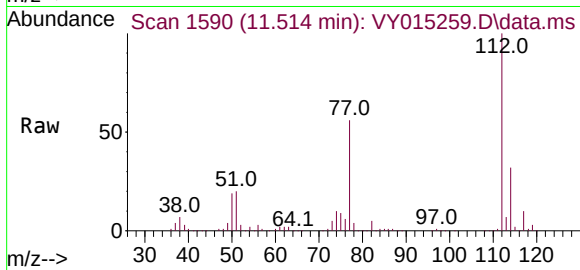




#65
Chlorobenzene
Concen: 64.444 ug/l
RT: 11.514 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY015259.D
Acq: 22 Aug 2023 20:57

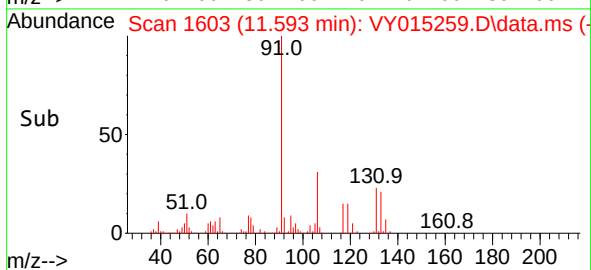
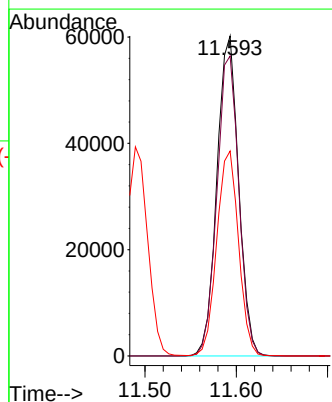
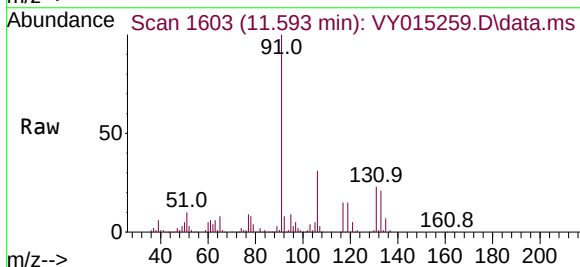
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

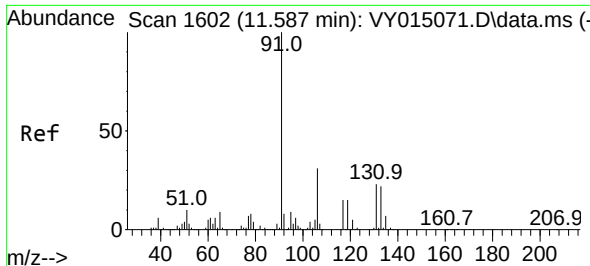
Tgt Ion:112 Resp: 235371
Ion Ratio Lower Upper
112 100
114 31.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 67.013 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015259.D
Acq: 22 Aug 2023 20:57

Tgt Ion:131 Resp: 99310
Ion Ratio Lower Upper
131 100
133 94.7 47.5 142.6
119 64.5 31.6 94.7





#67

Ethyl Benzene

Concen: 62.454 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015259.D

Acq: 22 Aug 2023 20:57

Instrument :

MSVOA_Y

ClientSampleId :

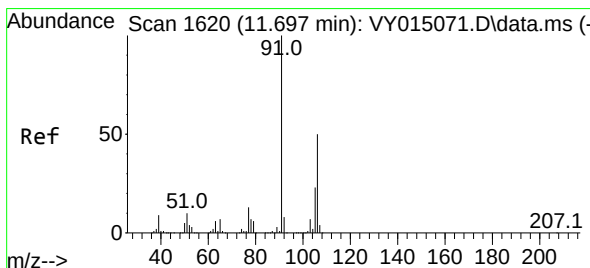
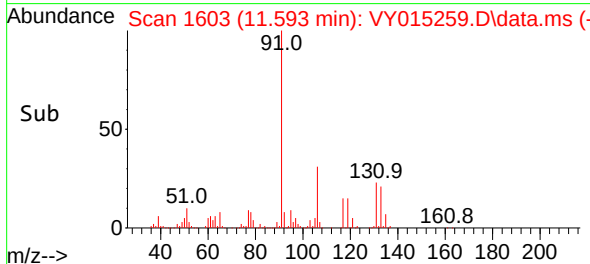
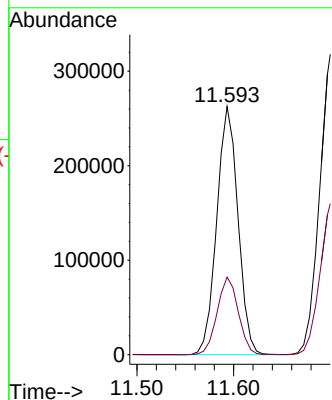
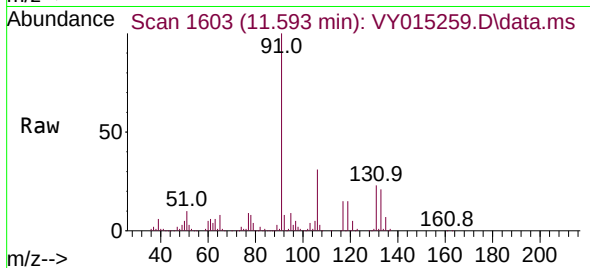
VSTDCCC050EC

Tgt Ion: 91 Resp: 399653

Ion Ratio Lower Upper

91 100

106 31.3 24.6 36.8



#68

m/p-Xylenes

Concen: 125.558 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY015259.D

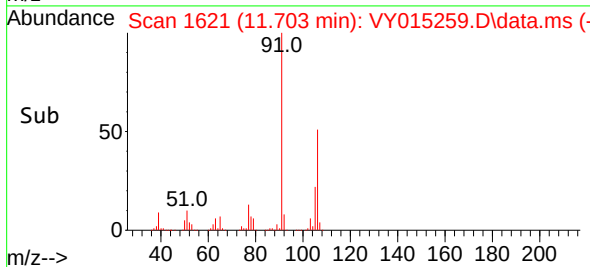
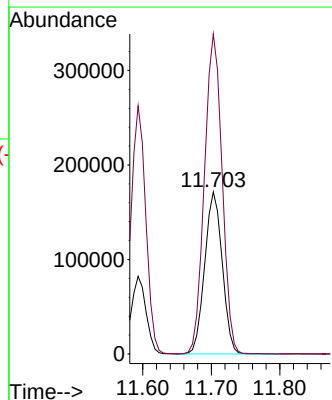
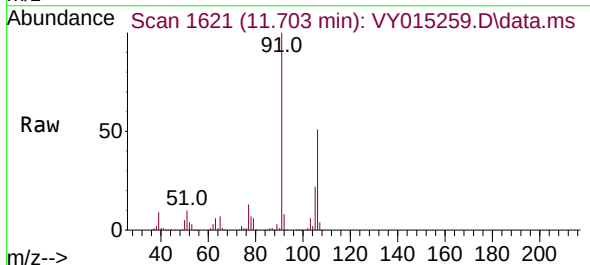
Acq: 22 Aug 2023 20:57

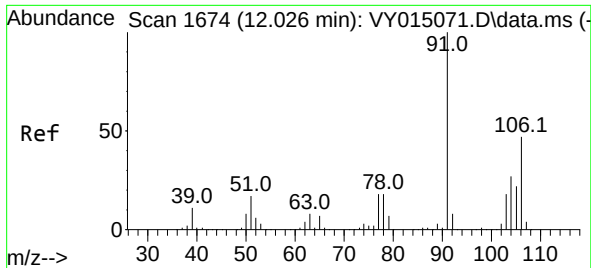
Tgt Ion: 106 Resp: 305160

Ion Ratio Lower Upper

106 100

91 199.5 166.1 249.1

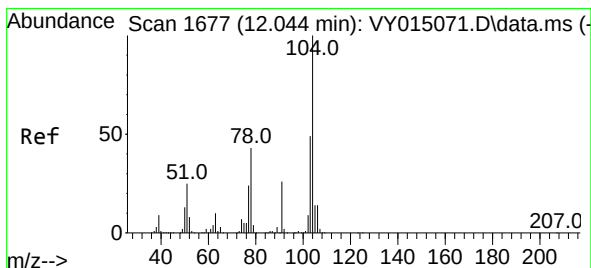
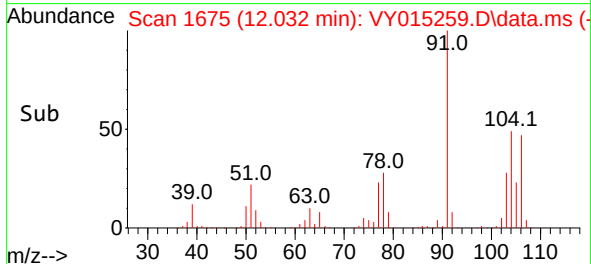
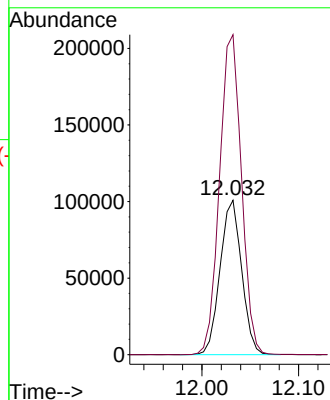
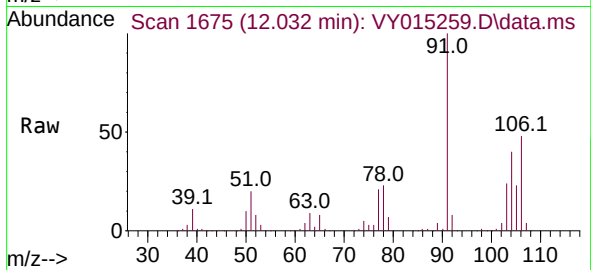




#69
o-Xylene
Concen: 64.451 ug/l
RT: 12.032 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY015259.D
Acq: 22 Aug 2023 20:57

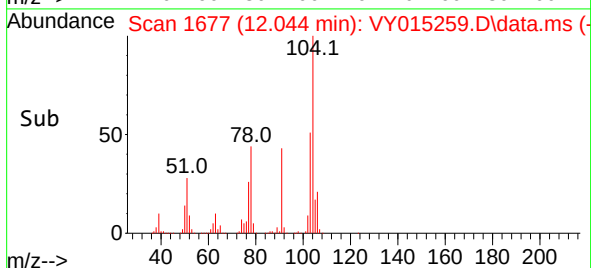
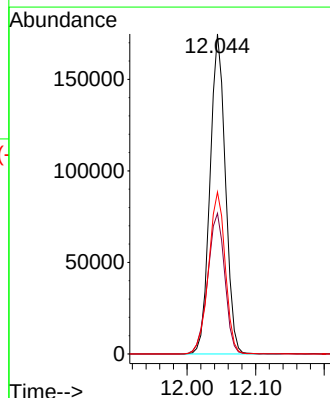
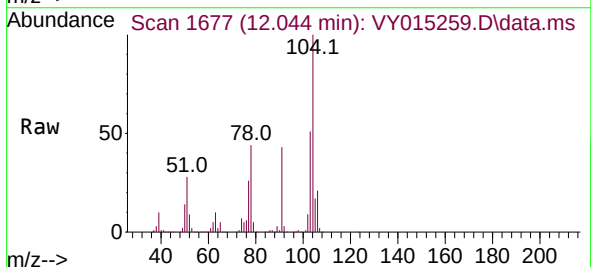
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

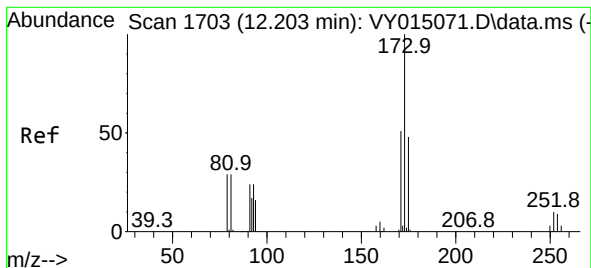
Tgt Ion:106 Resp: 156045
Ion Ratio Lower Upper
106 100
91 210.8 108.1 324.3



#70
Styrene
Concen: 65.397 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY015259.D
Acq: 22 Aug 2023 20:57

Tgt Ion:104 Resp: 274043
Ion Ratio Lower Upper
104 100
78 48.7 41.5 62.3
103 54.6 44.6 67.0





#71

Bromoform

Concen: 67.512 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015259.D

Acq: 22 Aug 2023 20:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

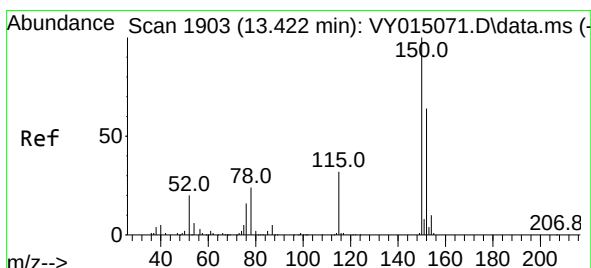
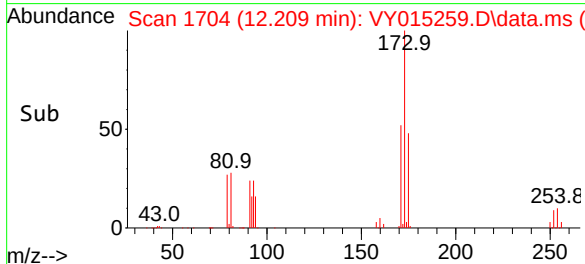
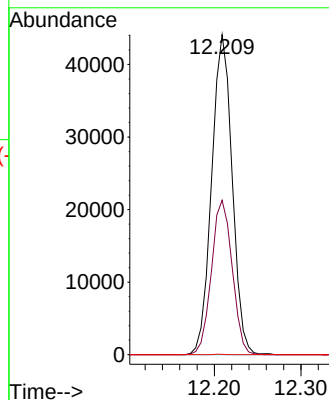
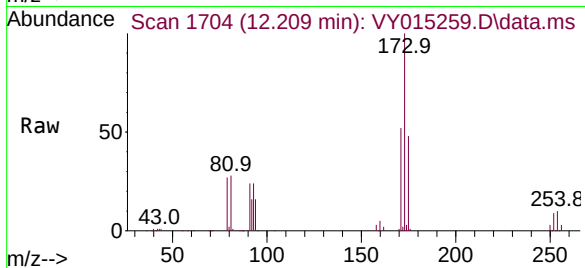
Tgt Ion:173 Resp: 72527

Ion Ratio Lower Upper

173 100

175 48.8 24.6 73.8

254 0.1 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: VY015259.D

Acq: 22 Aug 2023 20:57

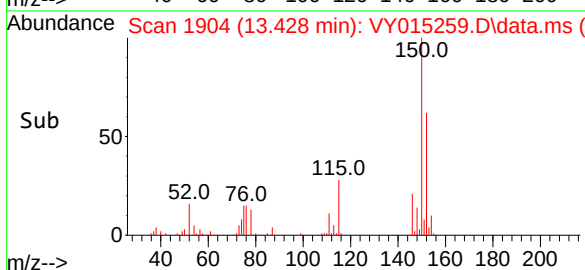
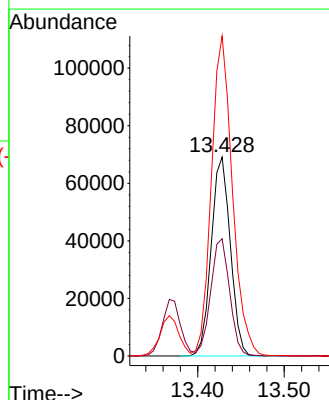
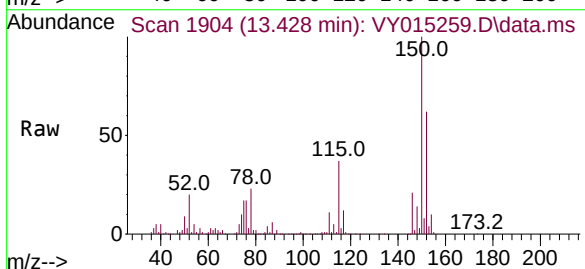
Tgt Ion:152 Resp: 106016

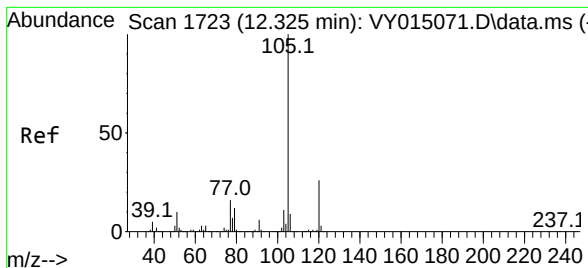
Ion Ratio Lower Upper

152 100

115 58.3 28.8 86.5

150 176.8 0.0 348.8





#73

Isopropylbenzene

Concen: 59.638 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.006 min

Lab File: VY015259.D

Acq: 22 Aug 2023 20:57

Instrument :

MSVOA_Y

ClientSampleId :

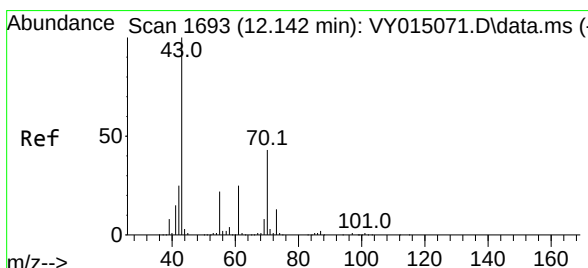
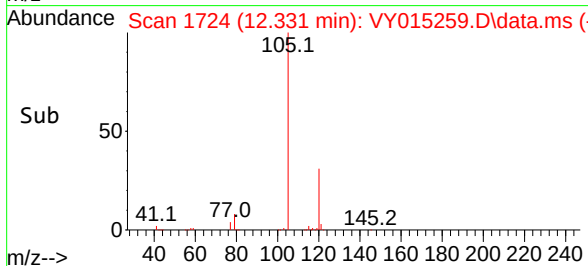
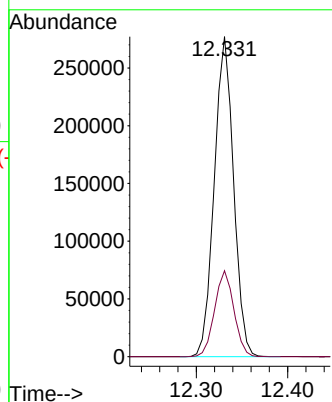
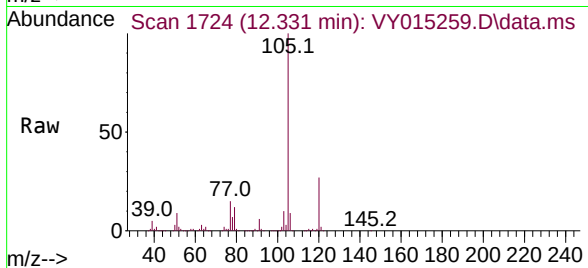
VSTDCCC050EC

Tgt Ion:105 Resp: 406566

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.9



#74

N-ethyl acetate

Concen: 65.440 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY015259.D

Acq: 22 Aug 2023 20:57

Tgt Ion: 43 Resp: 161069

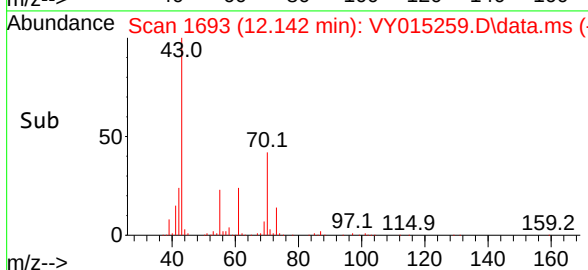
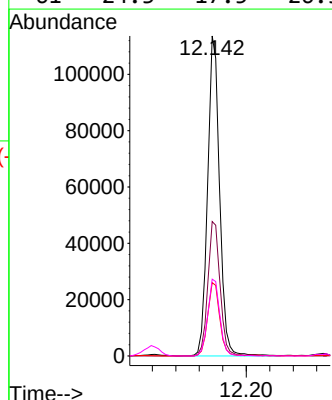
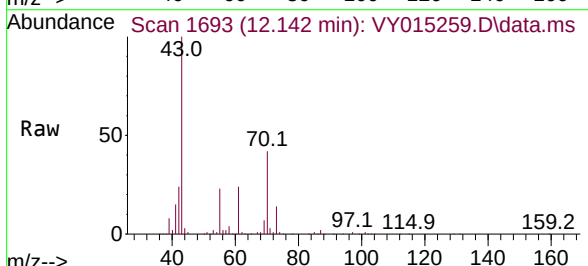
Ion Ratio Lower Upper

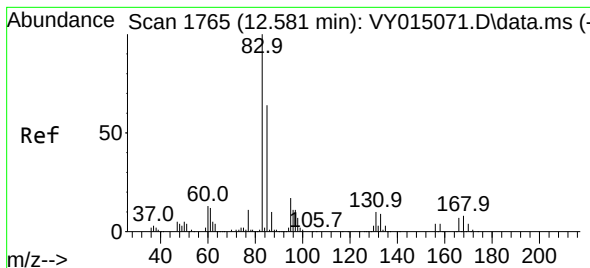
43 100

70 42.7 29.7 44.5

55 23.1 18.3 27.5

61 24.3 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 66.685 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY015259.D

Acq: 22 Aug 2023 20:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

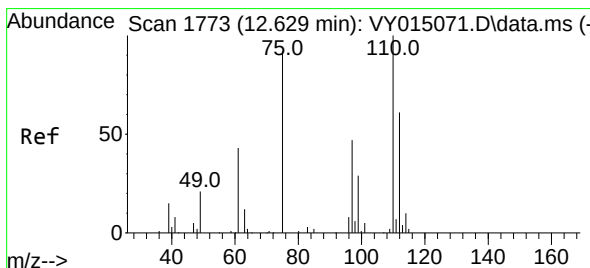
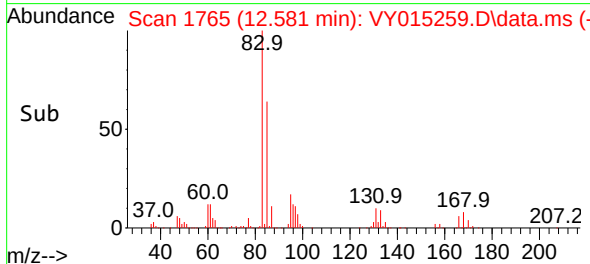
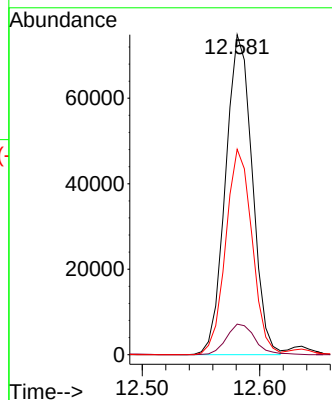
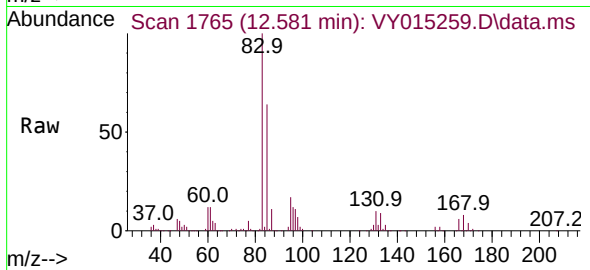
Tgt Ion: 83 Resp: 118399

Ion Ratio Lower Upper

83 100

131 10.2 5.4 16.2

85 63.4 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 114.149 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY015259.D

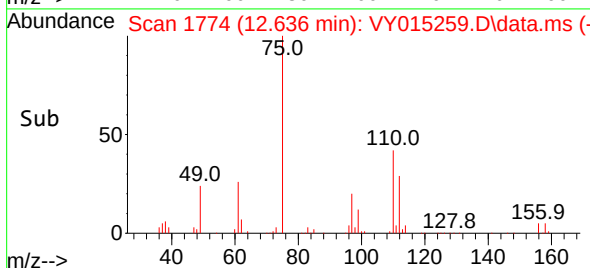
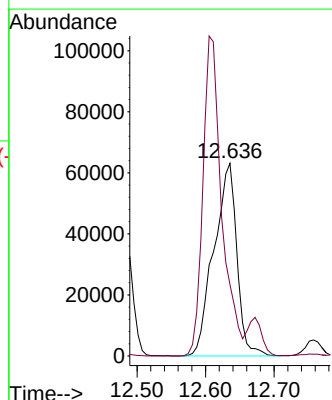
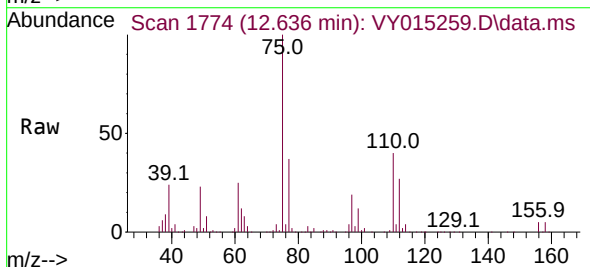
Acq: 22 Aug 2023 20:57

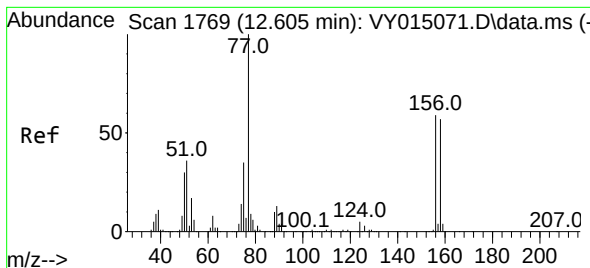
Tgt Ion: 75 Resp: 147025

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 62.031 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY015259.D

Acq: 22 Aug 2023 20:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

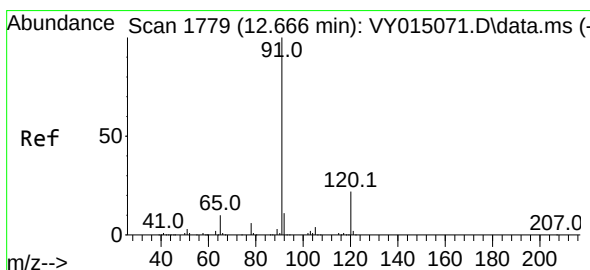
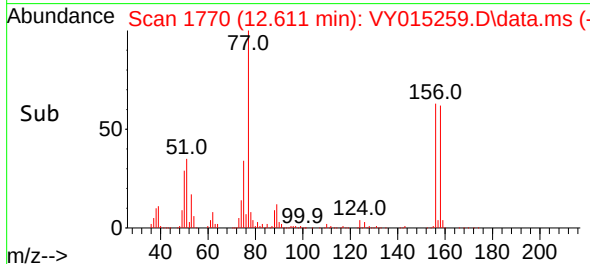
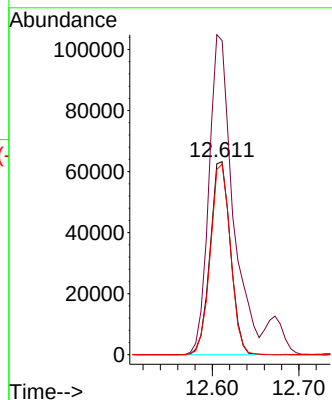
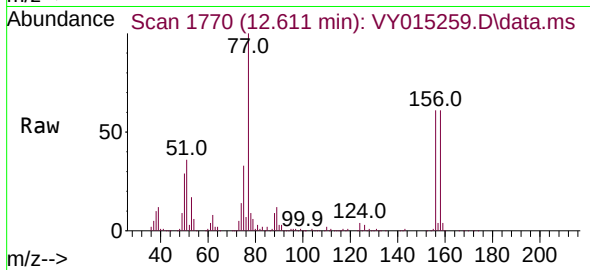
Tgt Ion:156 Resp: 103078

Ion Ratio Lower Upper

156 100

77 194.1 92.8 278.6

158 97.5 48.4 145.3



#78

n-propylbenzene

Concen: 59.040 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015259.D

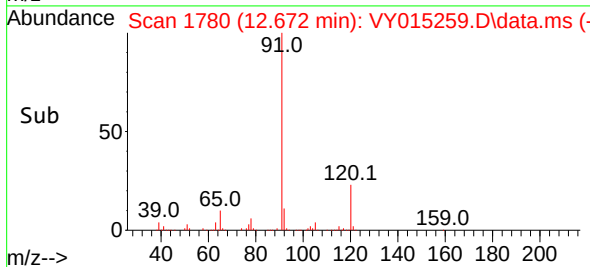
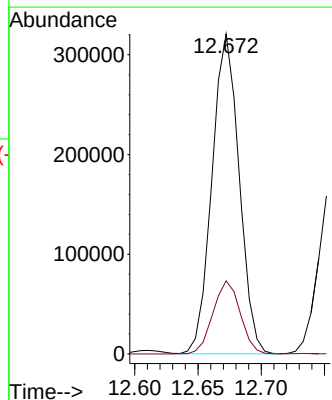
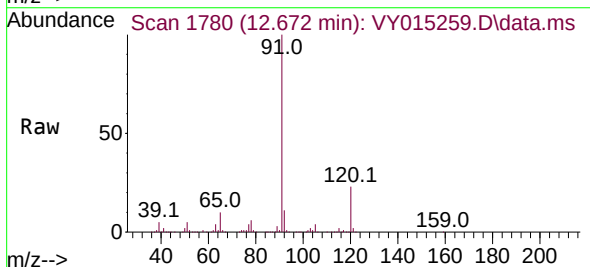
Acq: 22 Aug 2023 20:57

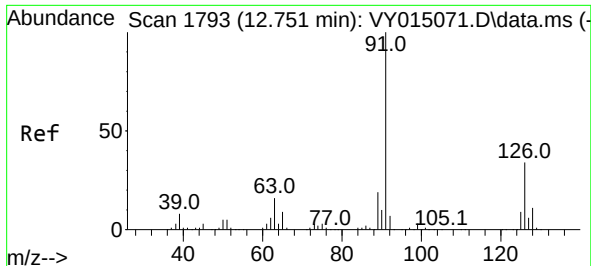
Tgt Ion: 91 Resp: 477946

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 61.349 ug/l

RT: 12.758 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015259.D

Acq: 22 Aug 2023 20:57

Instrument :

MSVOA_Y

ClientSampleId :

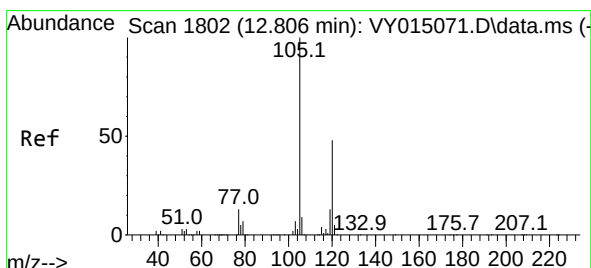
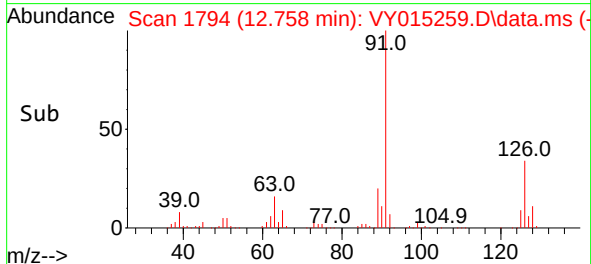
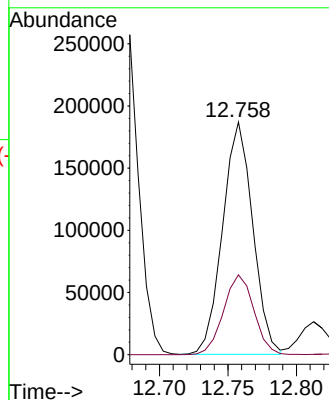
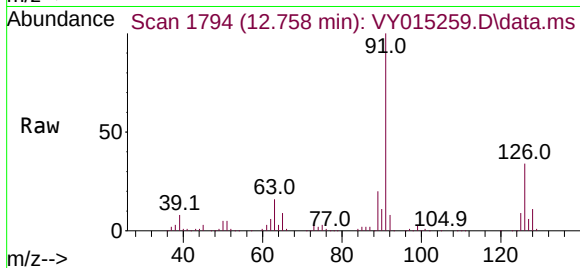
VSTDCCC050EC

Tgt Ion: 91 Resp: 286499

Ion Ratio Lower Upper

91 100

126 34.6 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 60.232 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY015259.D

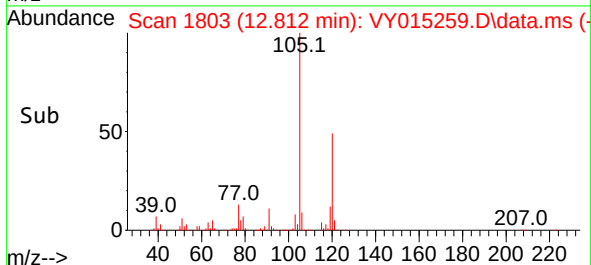
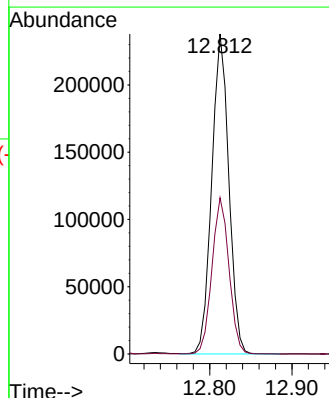
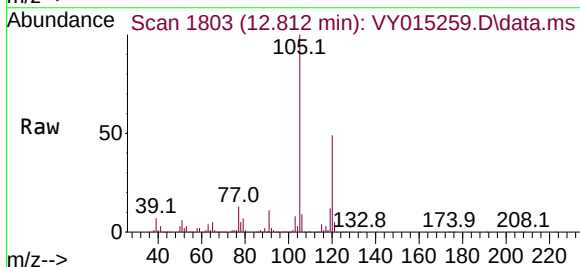
Acq: 22 Aug 2023 20:57

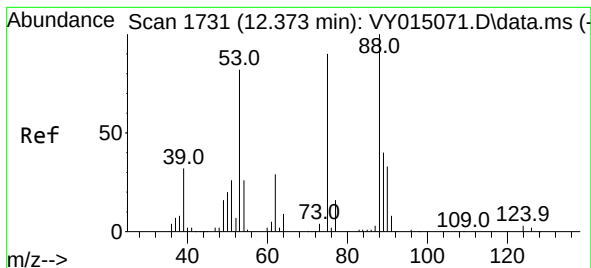
Tgt Ion:105 Resp: 342277

Ion Ratio Lower Upper

105 100

120 48.8 23.9 71.7

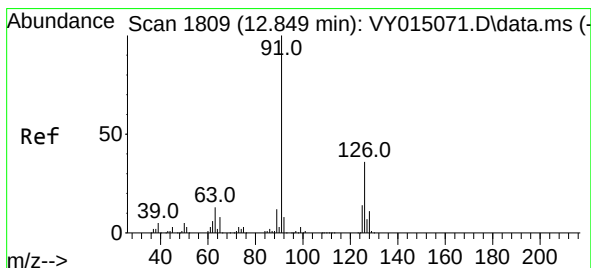
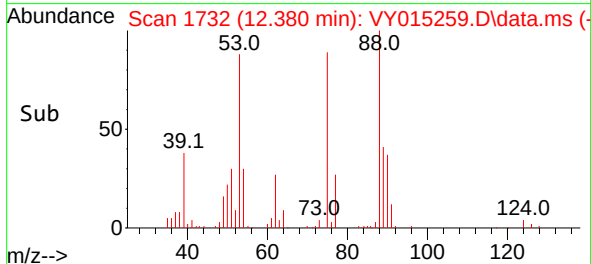
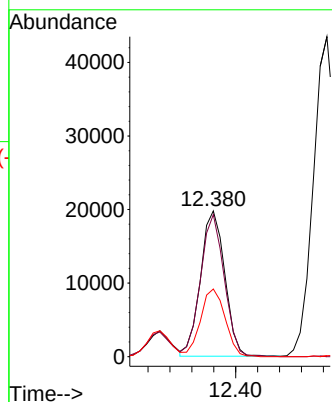
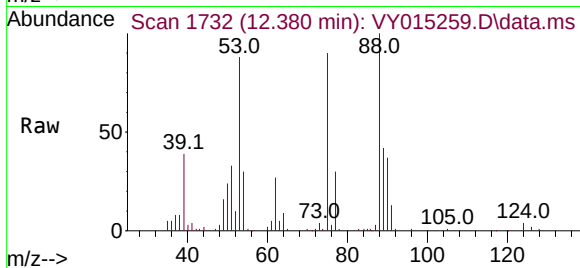




#81
trans-1,4-Dichloro-2-butene
Concen: 51.710 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015259.D
Acq: 22 Aug 2023 20:57

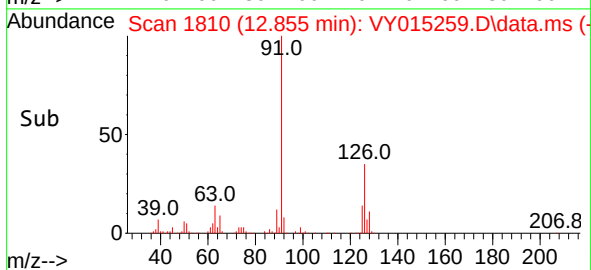
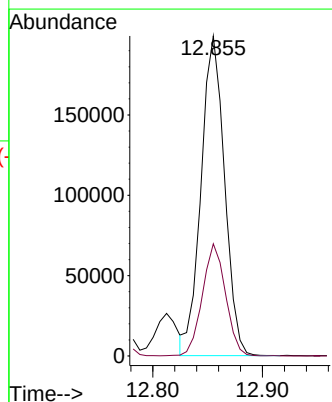
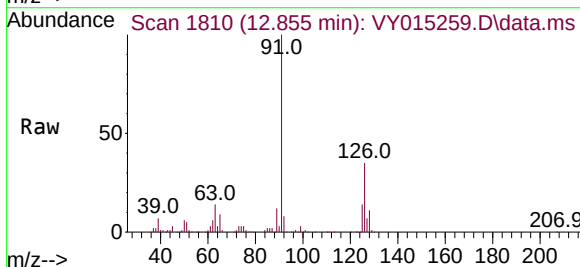
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

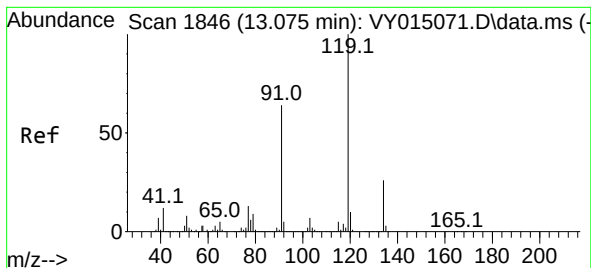
Tgt Ion:	75	Resp:	30323
Ion	Ratio	Lower	Upper
75	100		
53	96.3	77.8	116.8
89	47.5	37.4	56.0



#82
4-Chlorotoluene
Concen: 61.358 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY015259.D
Acq: 22 Aug 2023 20:57

Tgt Ion:	91	Resp:	296032
Ion	Ratio	Lower	Upper
91	100		
126	34.7	17.2	51.6





#83

tert-Butylbenzene

Concen: 60.445 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY015259.D

Acq: 22 Aug 2023 20:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

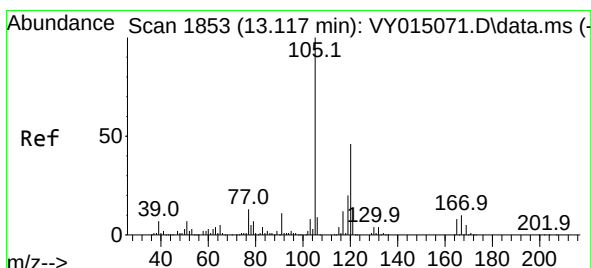
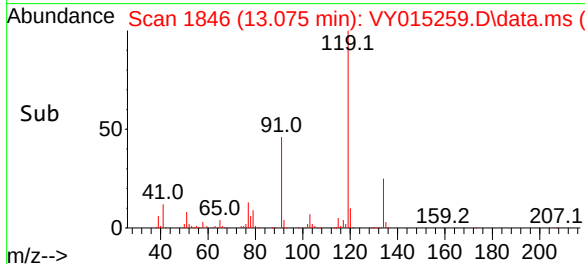
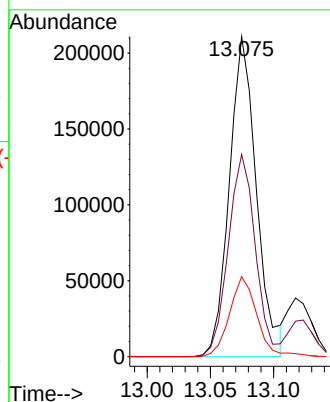
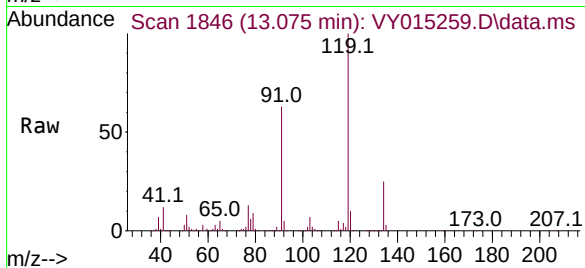
Tgt Ion:119 Resp: 314174

Ion Ratio Lower Upper

119 100

91 63.5 32.9 98.6

134 25.4 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 60.773 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY015259.D

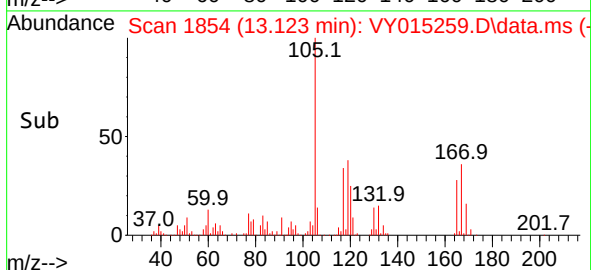
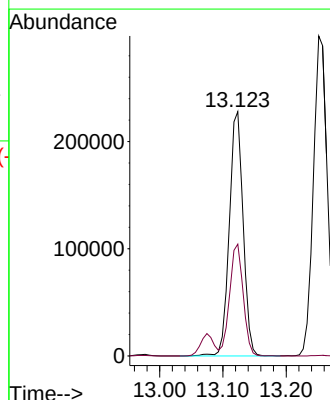
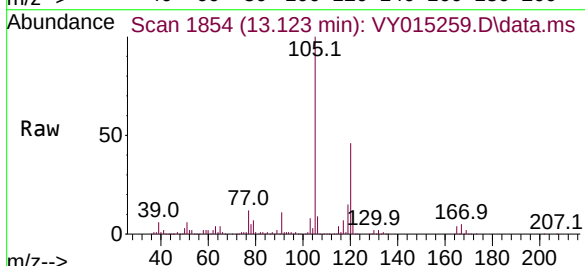
Acq: 22 Aug 2023 20:57

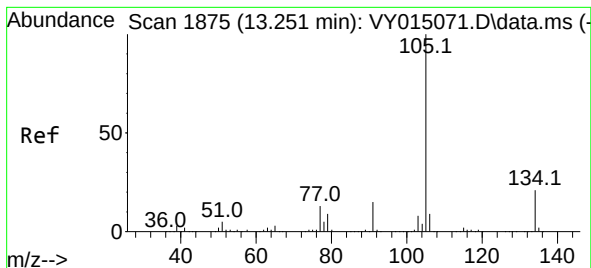
Tgt Ion:105 Resp: 345094

Ion Ratio Lower Upper

105 100

120 45.1 22.2 66.6





#85

sec-Butylbenzene

Concen: 59.303 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015259.D

Acq: 22 Aug 2023 20:57

Instrument :

MSVOA_Y

ClientSampleId :

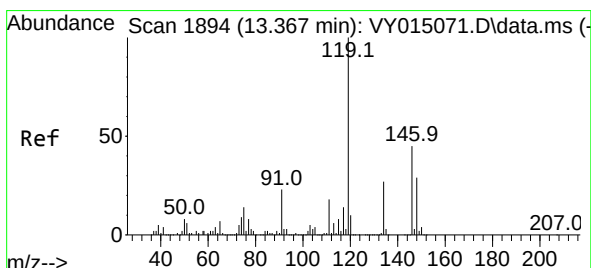
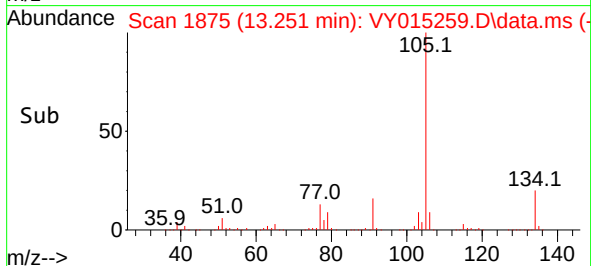
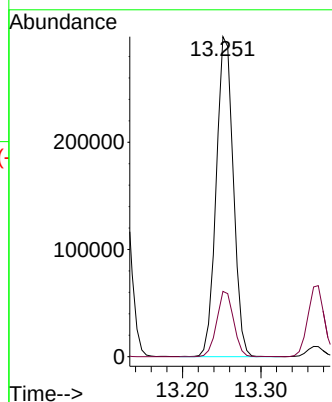
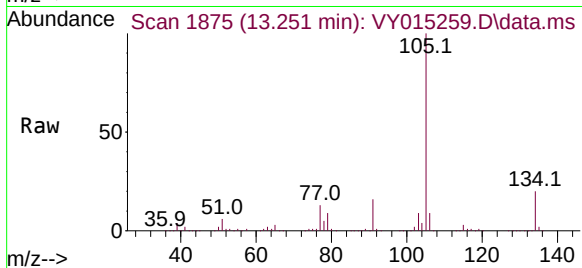
VSTDCCC050EC

Tgt Ion:105 Resp: 451632

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.6



#86

p-Isopropyltoluene

Concen: 58.963 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015259.D

Acq: 22 Aug 2023 20:57

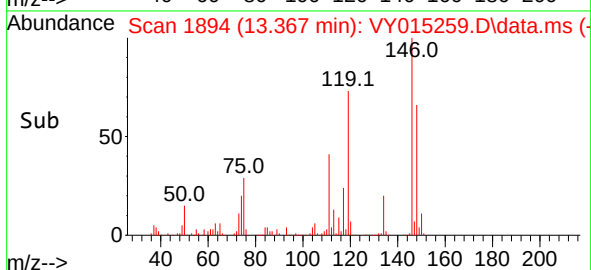
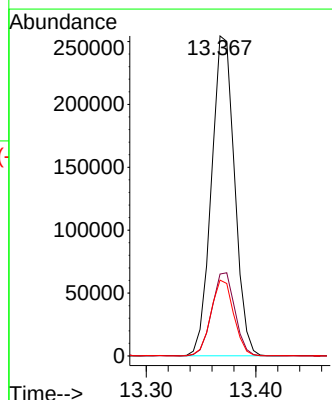
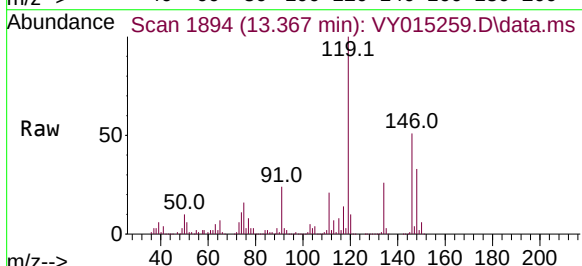
Tgt Ion:119 Resp: 372301

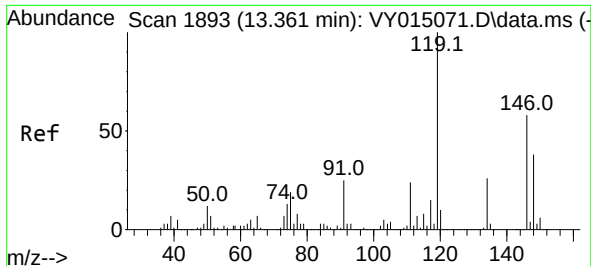
Ion Ratio Lower Upper

119 100

134 26.1 13.3 39.8

91 23.4 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 61.357 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015259.D

Acq: 22 Aug 2023 20:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

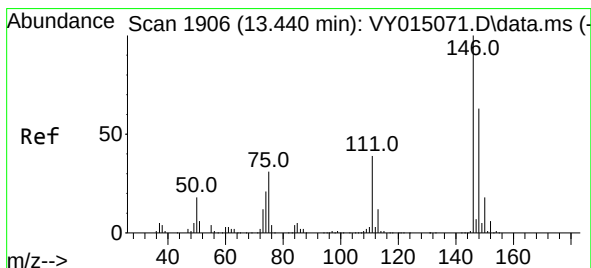
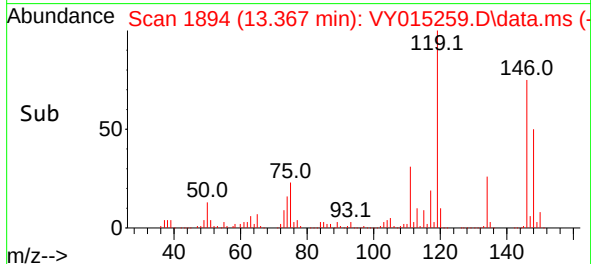
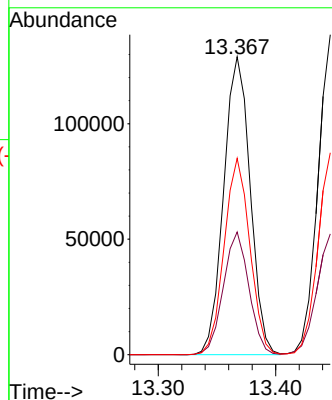
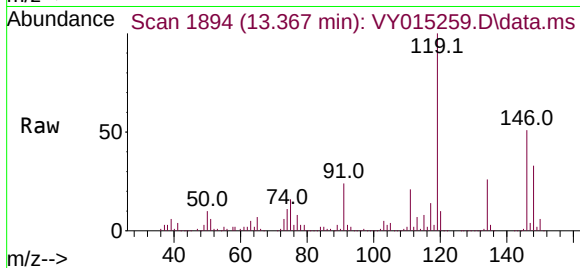
Tgt Ion:146 Resp: 202228

Ion Ratio Lower Upper

146 100

111 39.8 19.4 58.2

148 64.0 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 61.781 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY015259.D

Acq: 22 Aug 2023 20:57

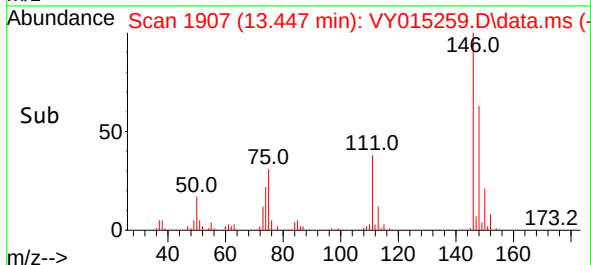
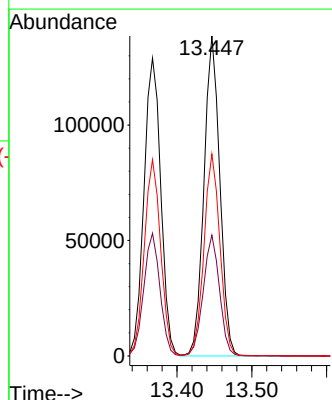
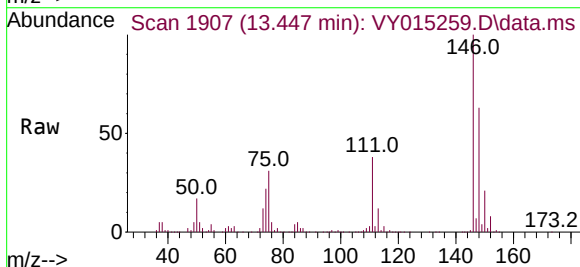
Tgt Ion:146 Resp: 204236

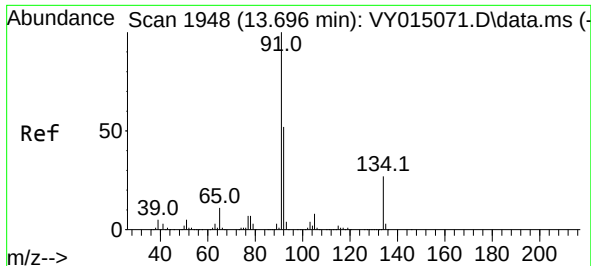
Ion Ratio Lower Upper

146 100

111 38.6 18.9 56.7

148 63.5 32.1 96.5





#89

n-Butylbenzene

Concen: 57.085 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015259.D

Acq: 22 Aug 2023 20:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

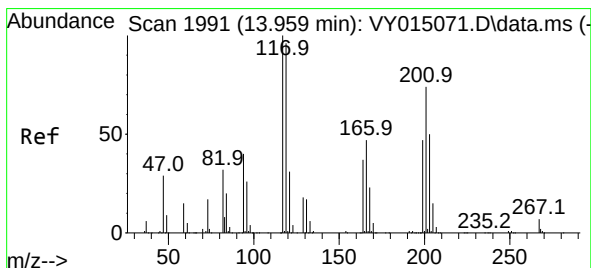
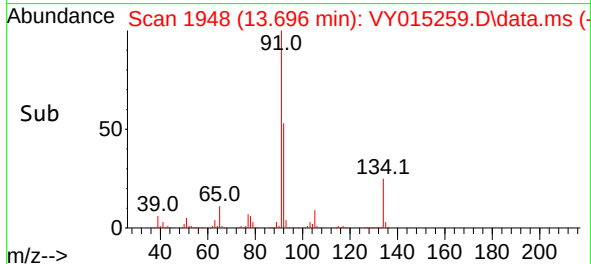
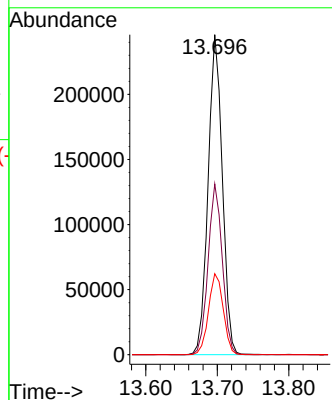
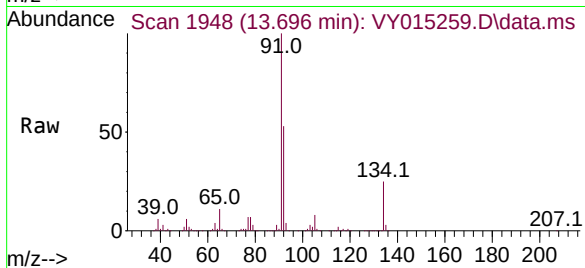
Tgt Ion: 91 Resp: 339846

Ion Ratio Lower Upper

91 100

92 53.4 25.4 76.0

134 26.2 12.6 37.6



#90

Hexachloroethane

Concen: 58.230 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY015259.D

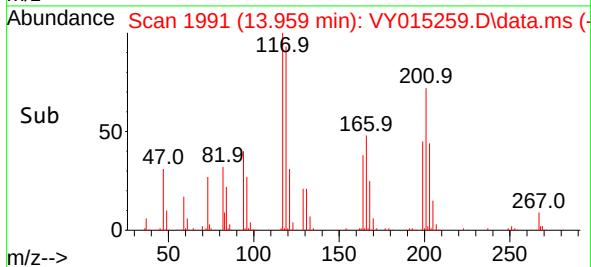
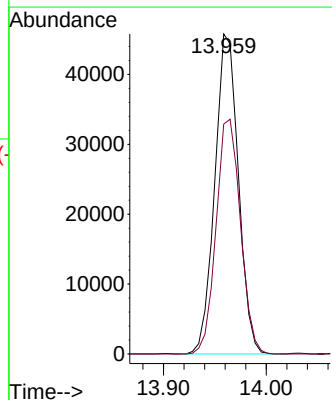
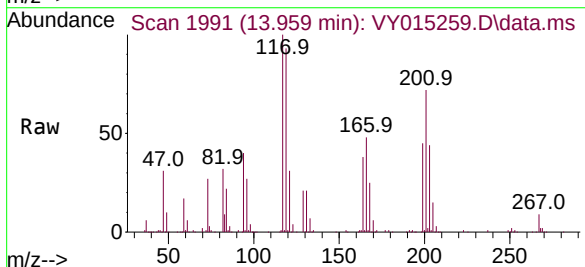
Acq: 22 Aug 2023 20:57

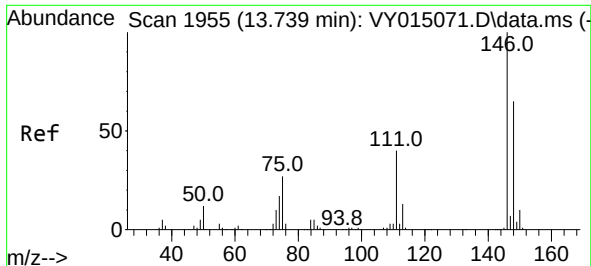
Tgt Ion: 117 Resp: 72940

Ion Ratio Lower Upper

117 100

201 75.7 41.6 124.8

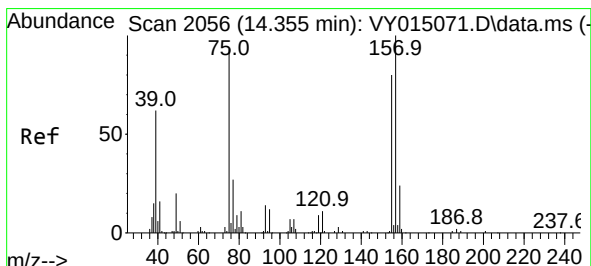
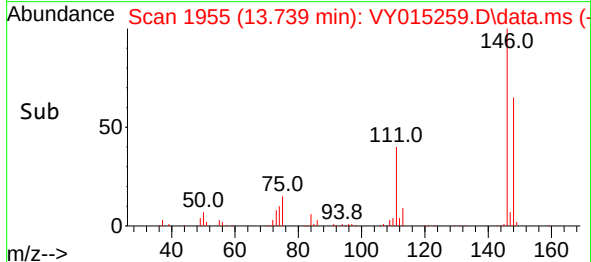
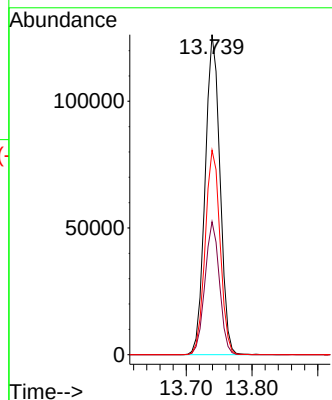
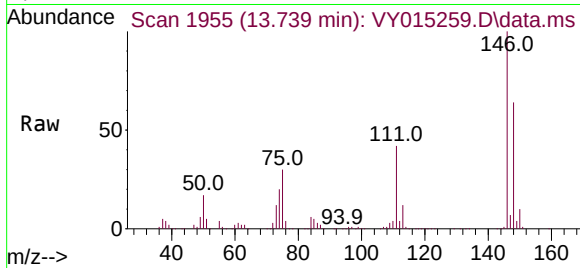




#91
1,2-Dichlorobenzene
Concen: 64.375 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.006 min
Lab File: VY015259.D
Acq: 22 Aug 2023 20:57

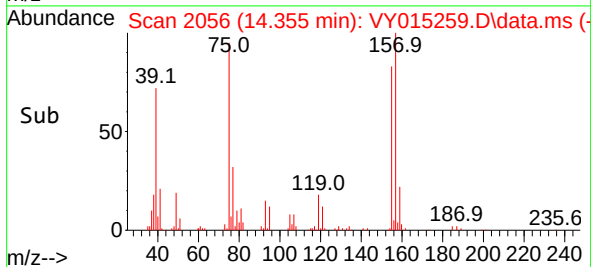
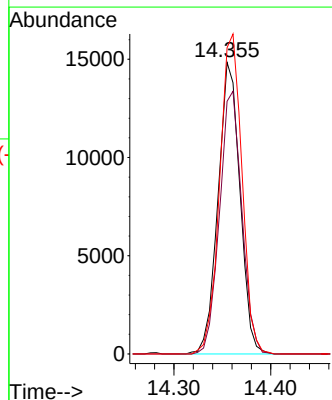
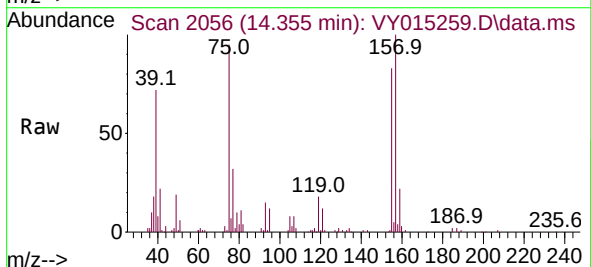
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

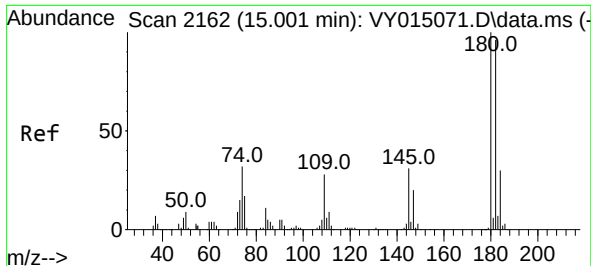
Tgt Ion:146 Resp: 198210
Ion Ratio Lower Upper
146 100
111 40.6 19.7 59.0
148 64.1 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 67.778 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY015259.D
Acq: 22 Aug 2023 20:57

Tgt Ion: 75 Resp: 23312
Ion Ratio Lower Upper
75 100
155 91.6 41.5 124.6
157 111.5 51.8 155.5

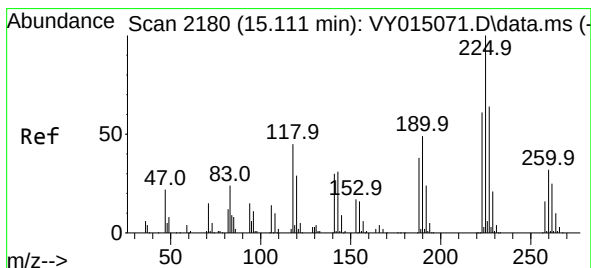
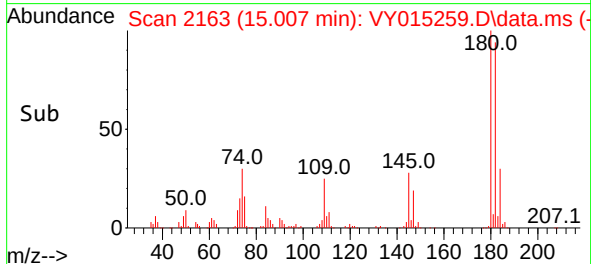
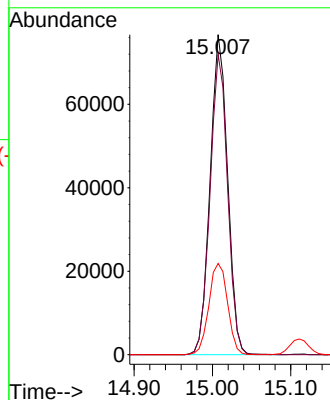
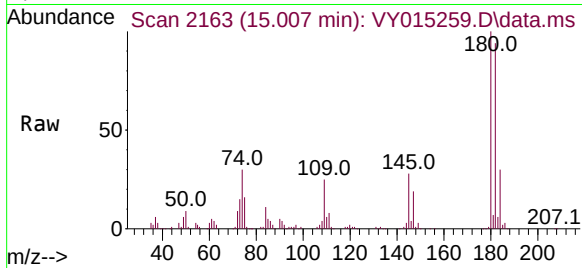




#93
1,2,4-Trichlorobenzene
Concen: 60.132 ug/l
RT: 15.007 min Scan# 2162
Delta R.T. 0.000 min
Lab File: VY015259.D
Acq: 22 Aug 2023 20:57

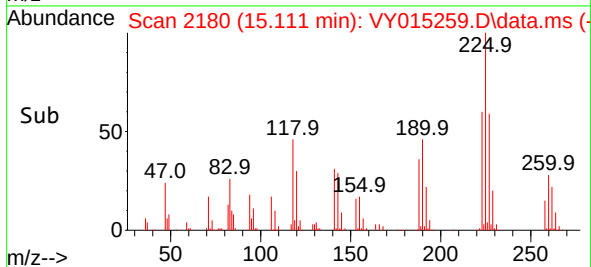
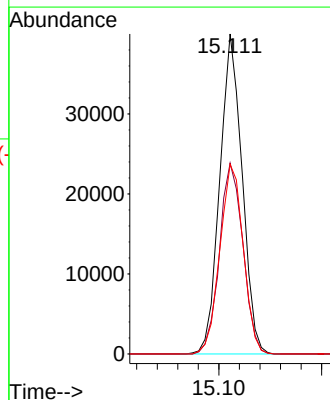
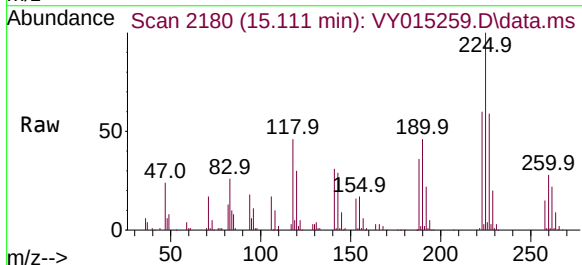
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

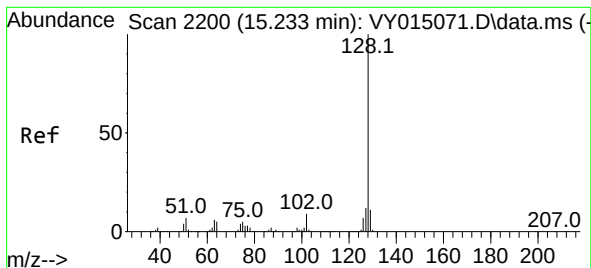
Tgt Ion:180 Resp: 118862
Ion Ratio Lower Upper
180 100
182 94.1 47.0 141.2
145 30.5 14.5 43.5



#94
Hexachlorobutadiene
Concen: 55.992 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY015259.D
Acq: 22 Aug 2023 20:57

Tgt Ion:225 Resp: 60204
Ion Ratio Lower Upper
225 100
223 62.5 31.9 95.9
227 62.1 33.0 98.9





#95

Naphthalene

Concen: 66.251 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY015259.D

Acq: 22 Aug 2023 20:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

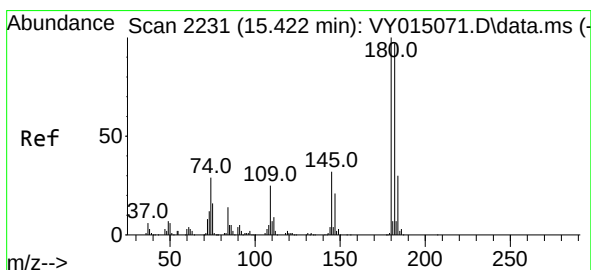
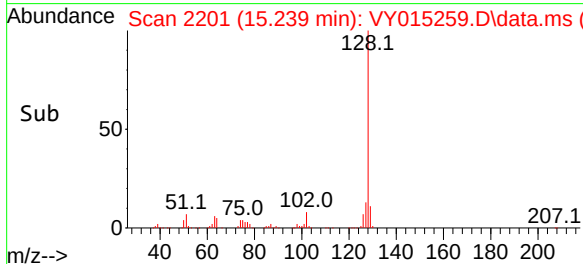
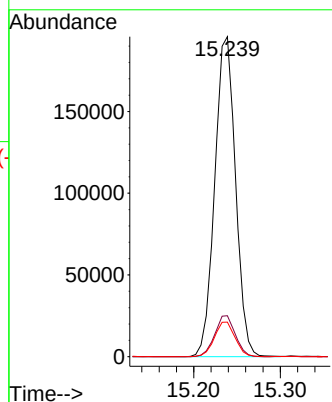
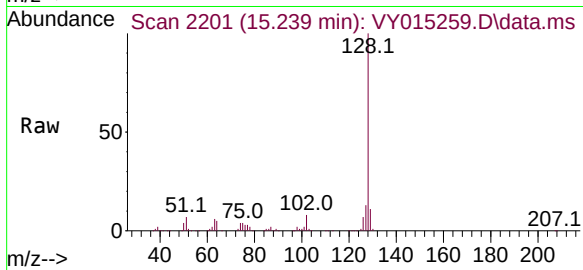
Tgt Ion:128 Resp: 326226

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 63.627 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY015259.D

Acq: 22 Aug 2023 20:57

Tgt Ion:180 Resp: 113586

Ion Ratio Lower Upper

180 100

182 96.0 47.3 141.8

145 31.8 15.4 46.2

