

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015273.D
 Acq On : 23 Aug 2023 02:59
 Operator : SY/MD
 Sample : 04110-15
 Misc : 5.37g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-22(3-4)

Quant Time: Aug 23 05:00:27 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)

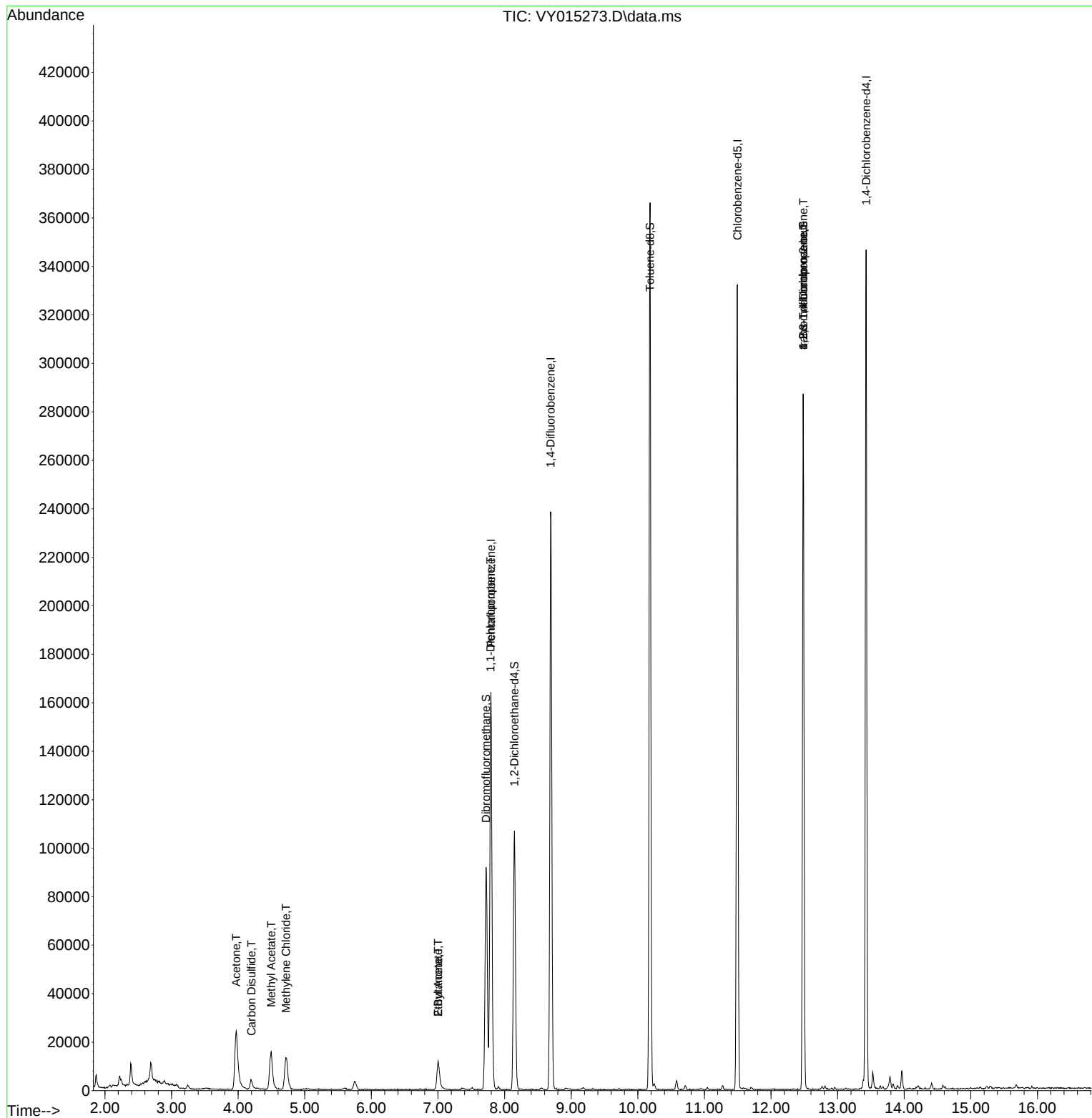
Internal Standards						
1) Pentafluorobenzene	7.795	168	126868	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.691	114	205204	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	184281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	86677	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	85169	55.924	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.840%	
35) Dibromofluoromethane	7.722	113	65172	49.367	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.740%	
50) Toluene-d8	10.185	98	242244	49.293	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.580%	
62) 4-Bromofluorobenzene	12.483	95	79154	44.098	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.200%	
Target Compounds						
						Qvalue
3) Chloromethane	2.113	50	297	Below Cal	#	88
5) Bromomethane	2.650	94	410	Below Cal	#	67
11) Tert butyl alcohol	4.979	59	357	Below Cal	#	89
13) Acrolein	3.753	56	59	Below Cal	#	14
16) Acetone	3.973	43	53924	108.386	ug/l	94
17) Carbon Disulfide	4.198	76	7870	5.066	ug/l	99
18) Methyl Acetate	4.497	43	32491	17.821	ug/l	94
20) Methylene Chloride	4.716	84	10131	4.567	ug/l	86
25) 2-Butanone	7.003	43	19992	28.380	ug/l	99
31) Cyclohexane	7.789	56	2995	Below Cal	#	45
36) 1,1-Dichloropropene	7.789	75	9786	6.700	ug/l #	50
37) Ethyl Acetate	7.003	43	19992	14.685	ug/l #	71
76) 1,2,3-Trichloropropane	12.483	75	43706	41.504	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	43706	91.162	ug/l #	11

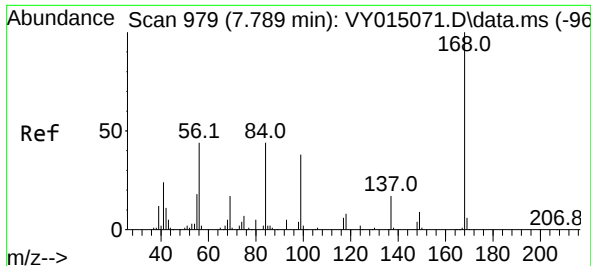
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
Data File : VY015273.D
Acq On : 23 Aug 2023 02:59
Operator : SY/MD
Sample : 04110-15
Misc : 5.37g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-22(3-4)

Quant Time: Aug 23 05:00:27 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

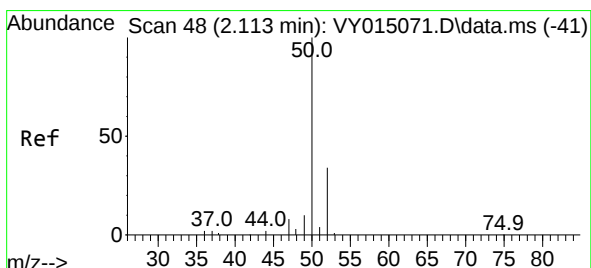
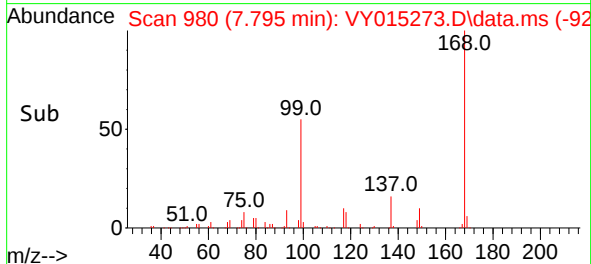
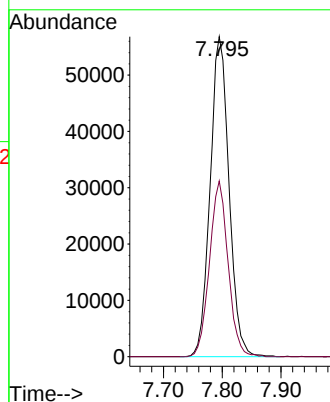
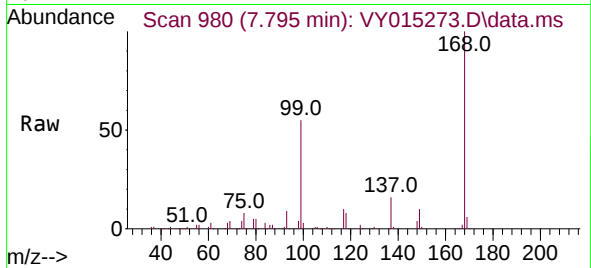




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015273.D
Acq: 23 Aug 2023 02:59

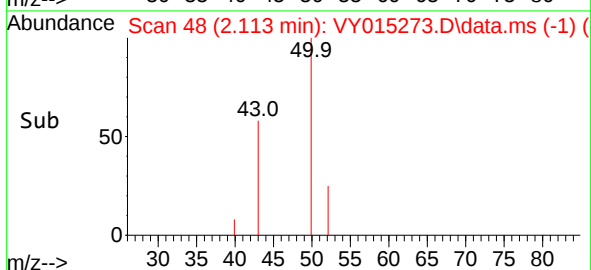
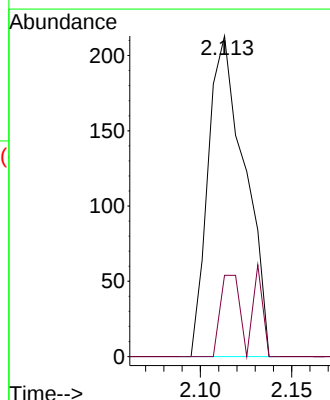
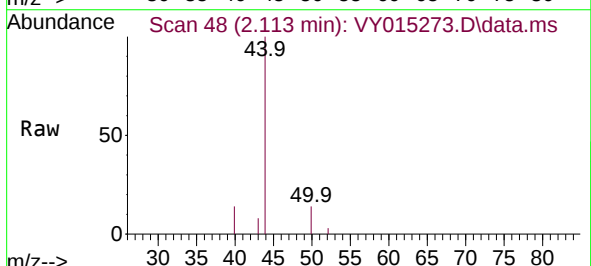
Instrument :
MSVOA_Y
ClientSampleId :
TP-22(3-4)

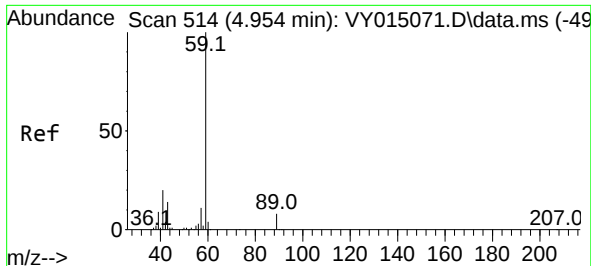
Tgt Ion:168 Resp: 126868
Ion Ratio Lower Upper
168 100
99 54.9 43.4 65.0



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY015273.D
Acq: 23 Aug 2023 02:59

Tgt Ion: 50 Resp: 297
Ion Ratio Lower Upper
50 100
52 25.4 25.4 38.2#

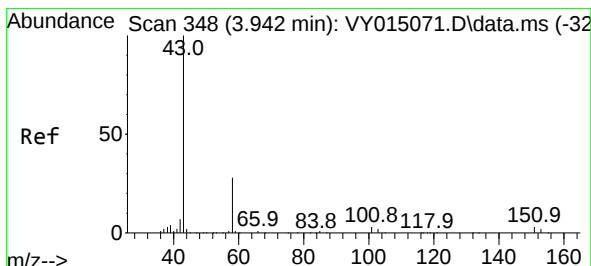
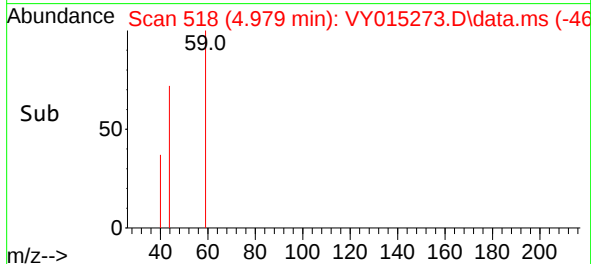
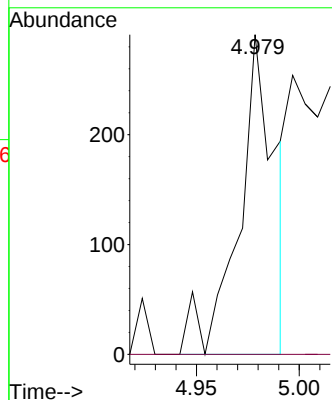
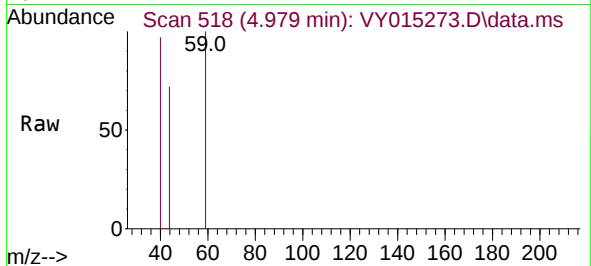




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.979 min Scan# 51
Delta R.T. 0.030 min
Lab File: VY015273.D
Acq: 23 Aug 2023 02:59

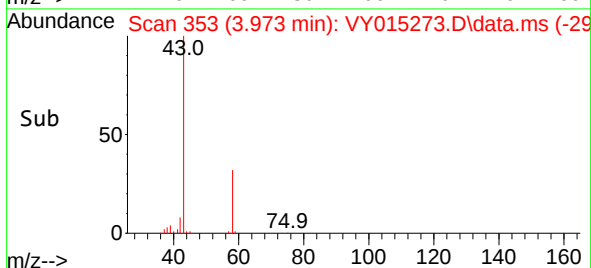
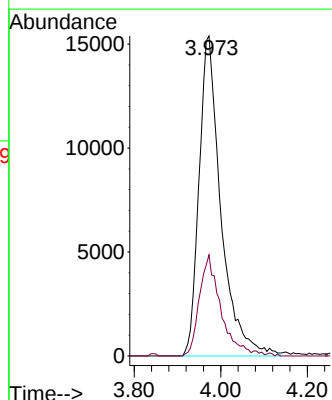
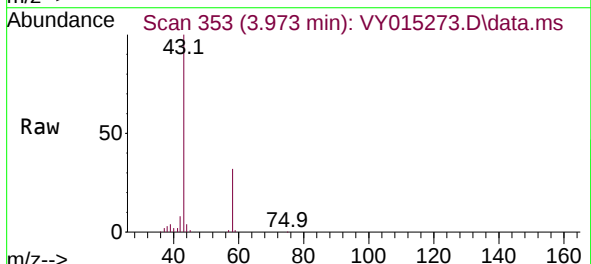
Instrument :
MSVOA_Y
ClientSampleId :
TP-22(3-4)

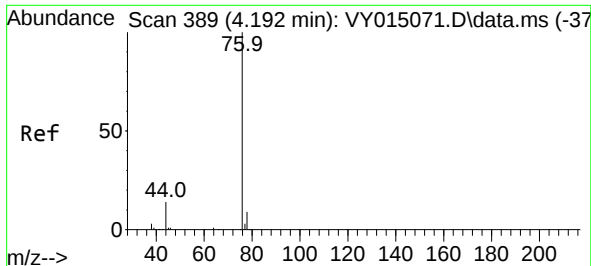
Tgt Ion: 59 Resp: 357
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#16
Acetone
Concen: 108.386 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.031 min
Lab File: VY015273.D
Acq: 23 Aug 2023 02:59

Tgt Ion: 43 Resp: 53924
Ion Ratio Lower Upper
43 100
58 31.6 22.7 34.1





#17

Carbon Disulfide

Concen: 5.066 ug/l

RT: 4.198 min Scan# 389

Delta R.T. 0.012 min

Lab File: VY015273.D

Acq: 23 Aug 2023 02:59

Instrument :

MSVOA_Y

ClientSampleId :

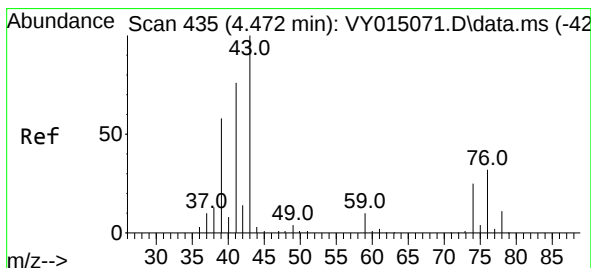
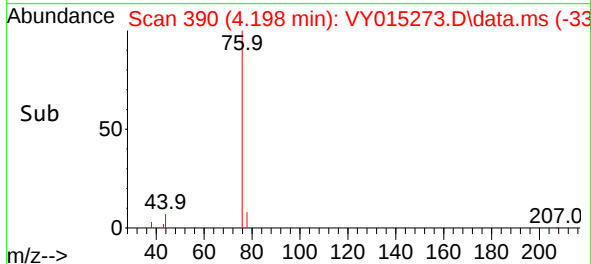
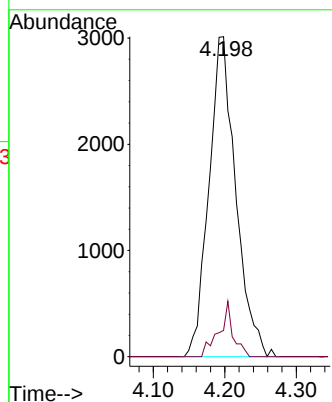
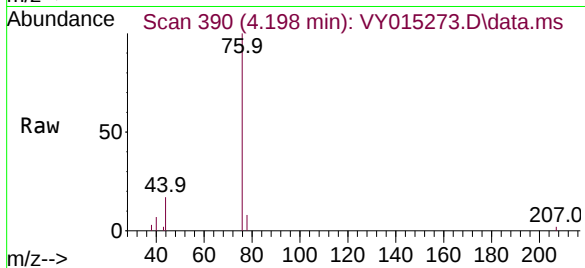
TP-22(3-4)

Tgt Ion: 76 Resp: 7870

Ion Ratio Lower Upper

76 100

78 8.2 7.0 10.4



#18

Methyl Acetate

Concen: 17.821 ug/l

RT: 4.497 min Scan# 439

Delta R.T. 0.031 min

Lab File: VY015273.D

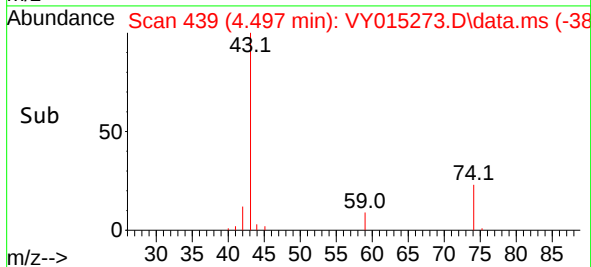
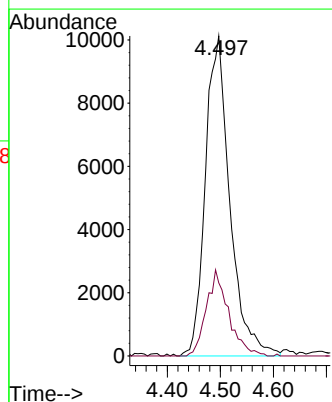
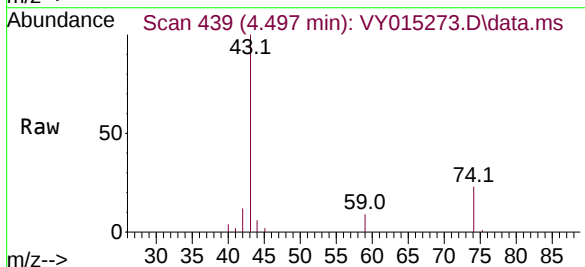
Acq: 23 Aug 2023 02:59

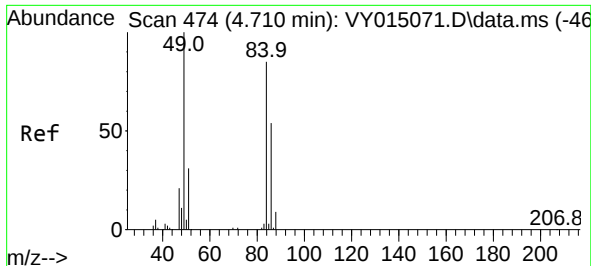
Tgt Ion: 43 Resp: 32491

Ion Ratio Lower Upper

43 100

74 24.5 17.4 26.0

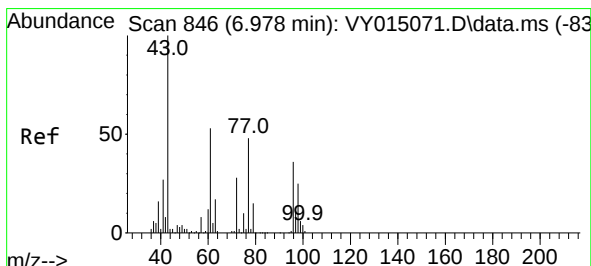
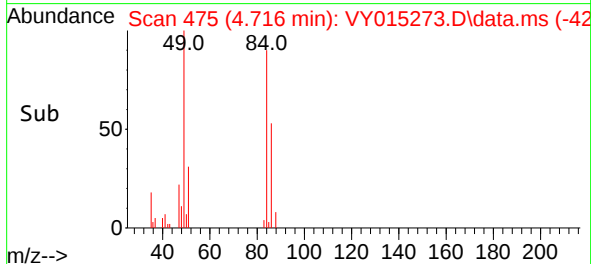
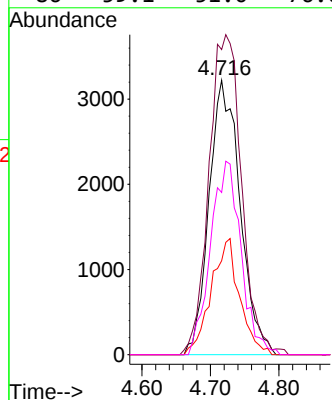
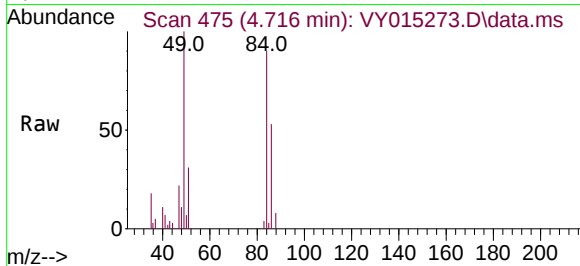




#20
Methylene Chloride
Concen: 4.567 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015273.D
Acq: 23 Aug 2023 02:59

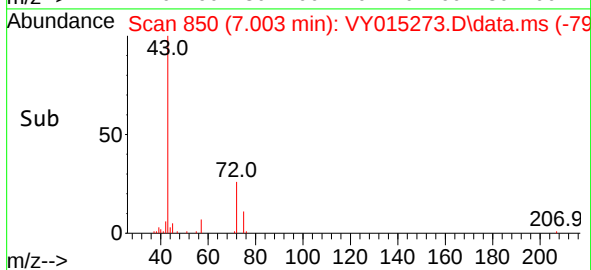
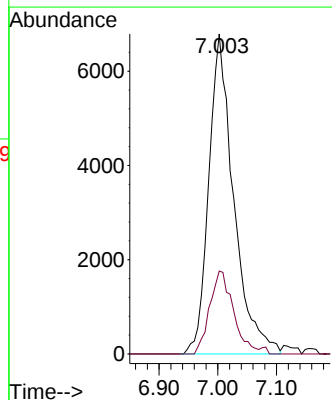
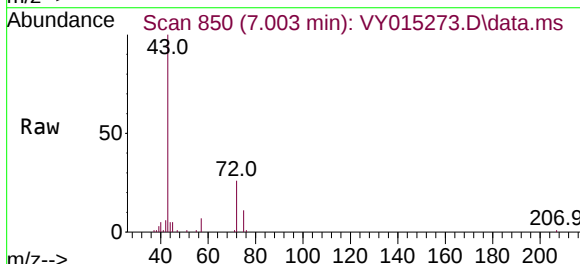
Instrument :
MSVOA_Y
ClientSampleId :
TP-22(3-4)

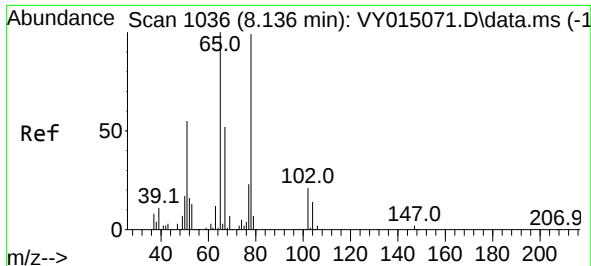
Tgt Ion:	84	Resp:	10131
Ion	Ratio	Lower	Upper
84	100		
49	111.2	106.9	160.3
51	34.2	33.2	49.8
86	59.1	51.0	76.6



#25
2-Butanone
Concen: 28.380 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.025 min
Lab File: VY015273.D
Acq: 23 Aug 2023 02:59

Tgt Ion:	43	Resp:	19992
Ion	Ratio	Lower	Upper
43	100		
72	25.9	20.5	30.7





#33

1,2-Dichloroethane-d4

Concen: 55.924 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY015273.D

Acq: 23 Aug 2023 02:59

Instrument :

MSVOA_Y

ClientSampleId :

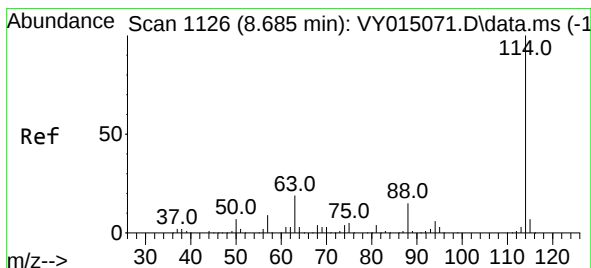
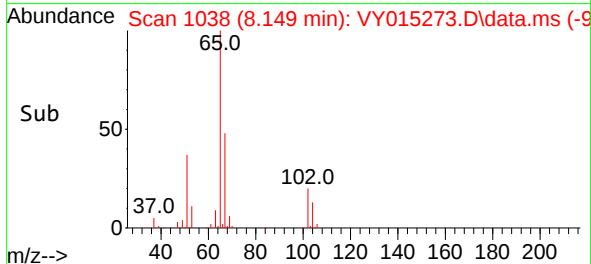
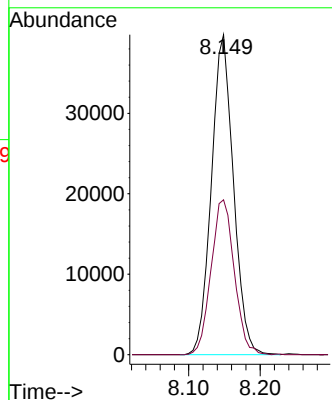
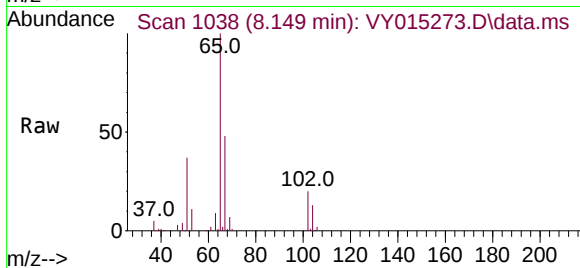
TP-22(3-4)

Tgt Ion: 65 Resp: 85169

Ion Ratio Lower Upper

65 100

67 51.0 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: VY015273.D

Acq: 23 Aug 2023 02:59

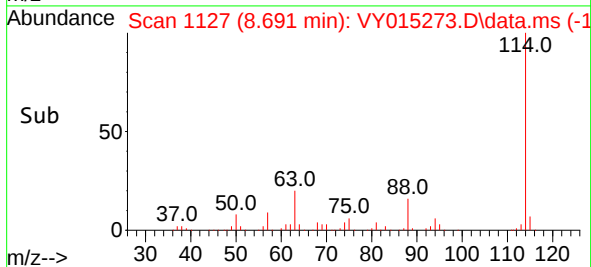
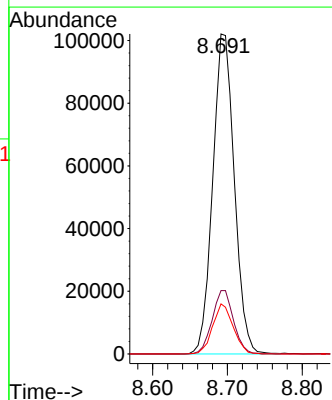
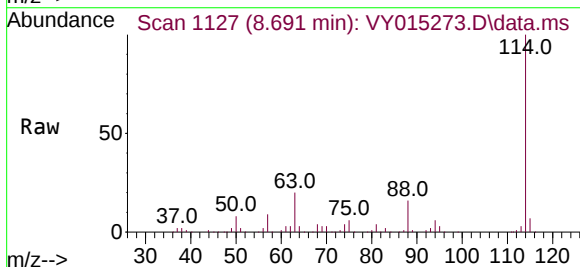
Tgt Ion: 114 Resp: 205204

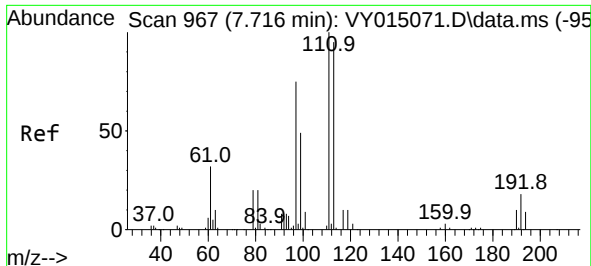
Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

88 15.6 0.0 30.6

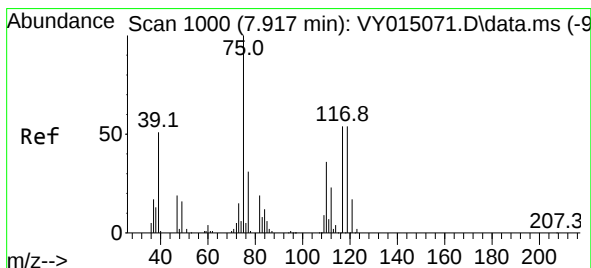
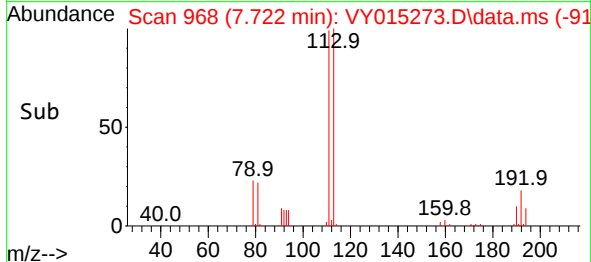
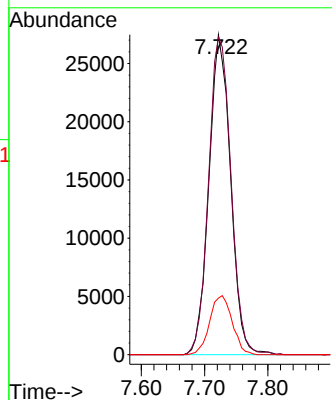
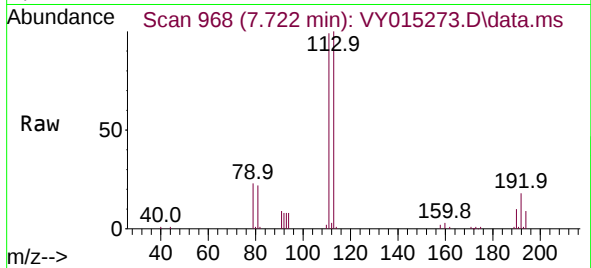




#35
Dibromofluoromethane
Concen: 49.367 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY015273.D
Acq: 23 Aug 2023 02:59

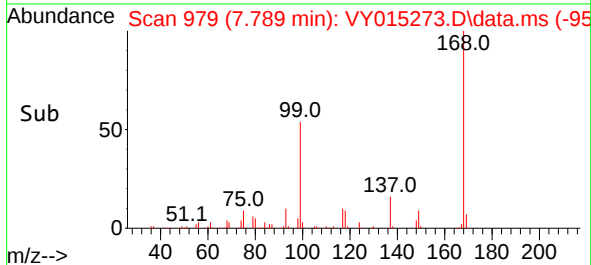
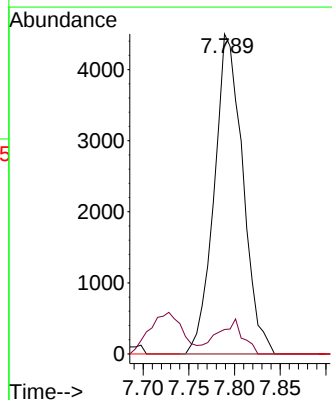
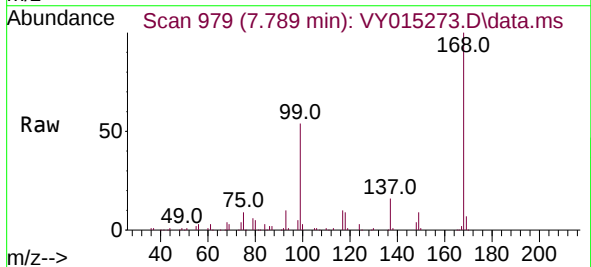
Instrument :
MSVOA_Y
ClientSampleId :
TP-22(3-4)

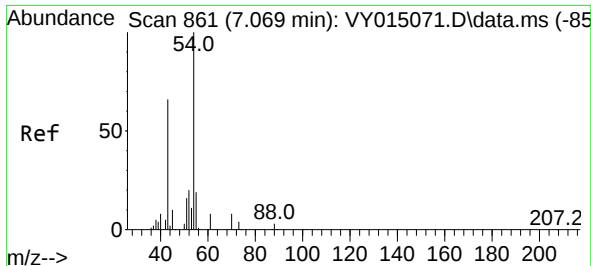
Tgt Ion:113 Resp: 65172
Ion Ratio Lower Upper
113 100
111 103.2 81.3 121.9
192 19.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 6.700 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY015273.D
Acq: 23 Aug 2023 02:59

Tgt Ion: 75 Resp: 9786
Ion Ratio Lower Upper
75 100
110 9.7 17.8 53.5#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 14.685 ug/l

RT: 7.003 min Scan# 81

Delta R.T. -0.067 min

Lab File: VY015273.D

Acq: 23 Aug 2023 02:59

Instrument :

MSVOA_Y

ClientSampleId :

TP-22(3-4)

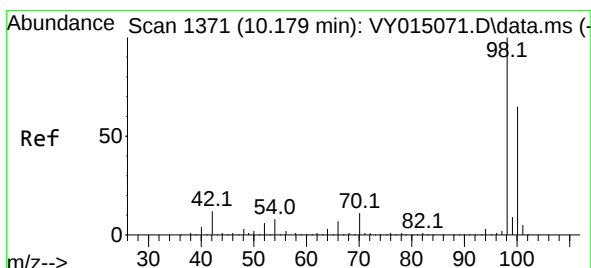
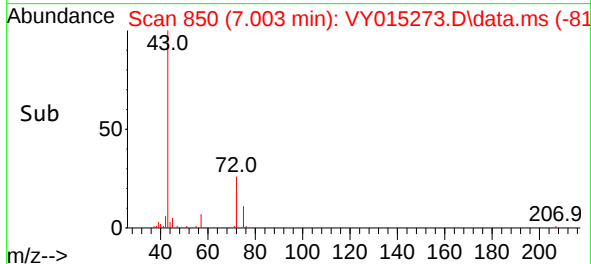
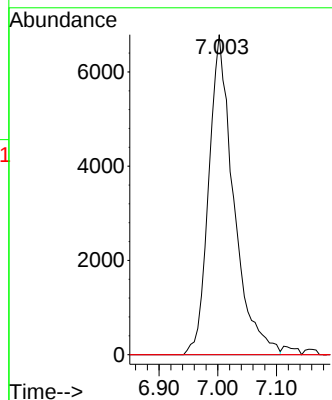
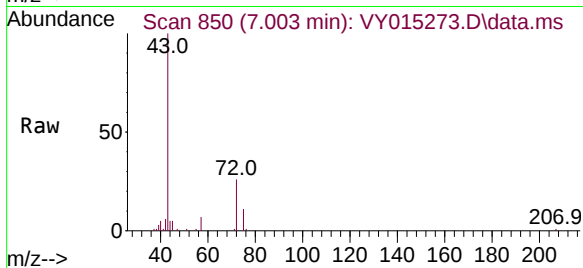
Tgt Ion: 43 Resp: 19992

Ion Ratio Lower Upper

43 100

61 0.0 10.1 15.1#

70 0.0 7.1 10.7#



#50

Toluene-d8

Concen: 49.293 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY015273.D

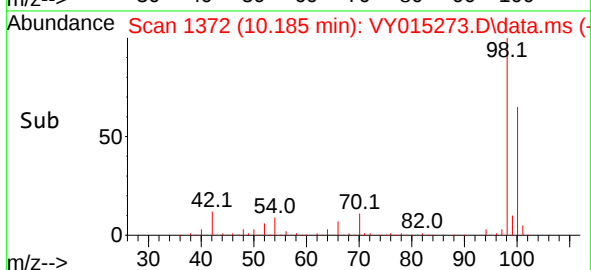
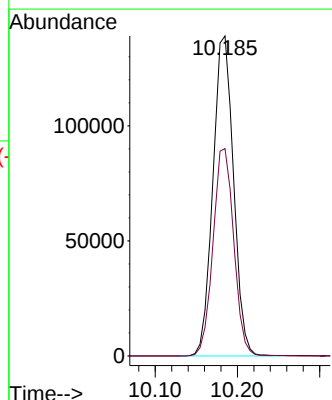
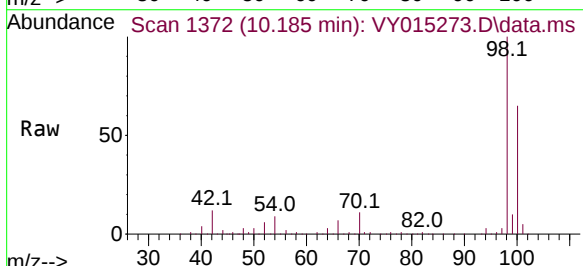
Acq: 23 Aug 2023 02:59

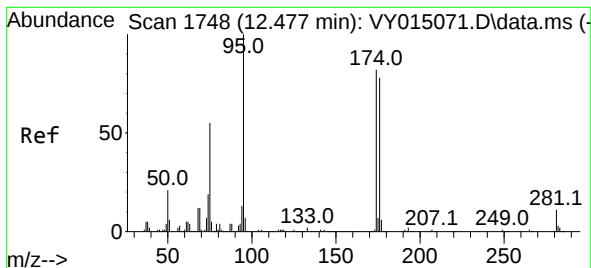
Tgt Ion: 98 Resp: 242244

Ion Ratio Lower Upper

98 100

100 65.1 50.1 75.1

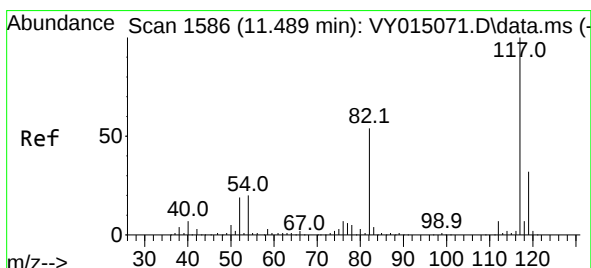
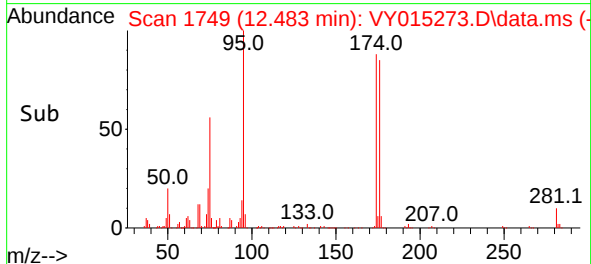
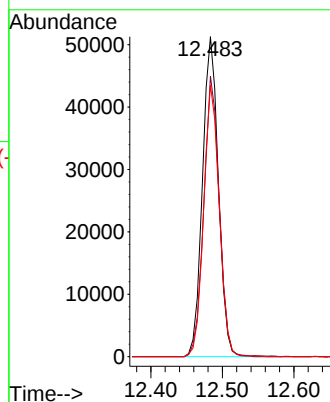
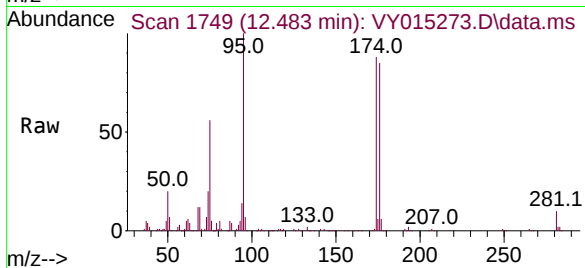




#62
4-Bromofluorobenzene
Concen: 44.098 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015273.D
Acq: 23 Aug 2023 02:59

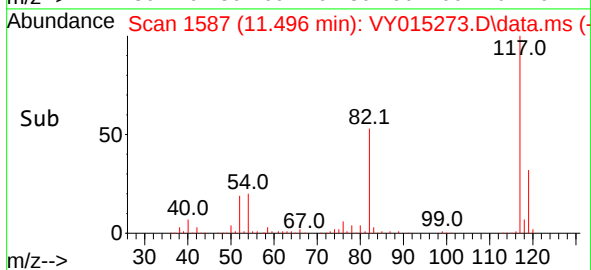
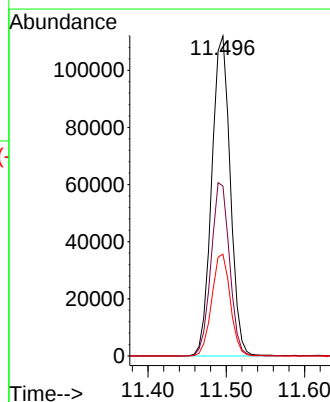
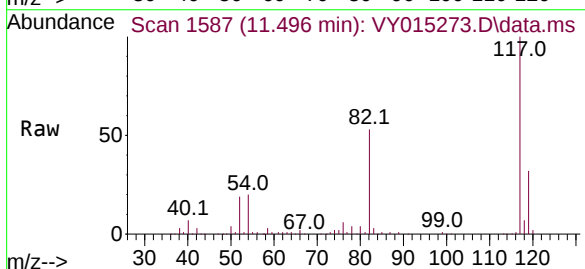
Instrument :
MSVOA_Y
ClientSampleId :
TP-22(3-4)

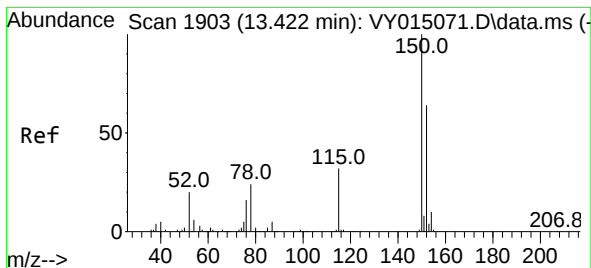
Tgt Ion: 95 Resp: 79154
Ion Ratio Lower Upper
95 100
174 85.6 0.0 178.2
176 83.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY015273.D
Acq: 23 Aug 2023 02:59

Tgt Ion: 117 Resp: 184281
Ion Ratio Lower Upper
117 100
82 53.1 43.4 65.0
119 31.8 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY015273.D

Acq: 23 Aug 2023 02:59

Instrument :

MSVOA_Y

ClientSampleId :

TP-22(3-4)

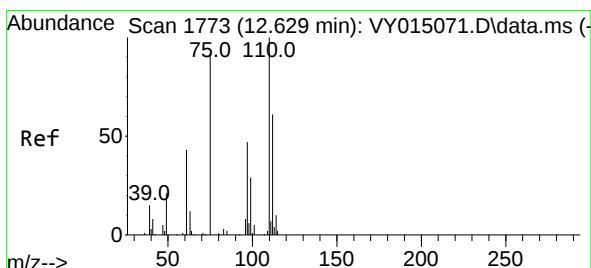
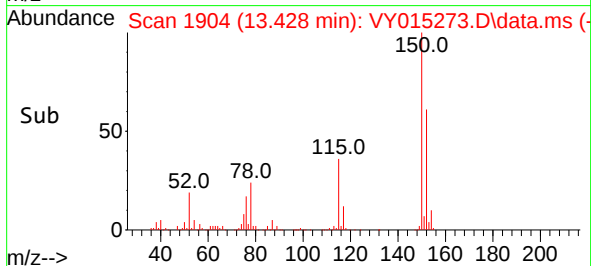
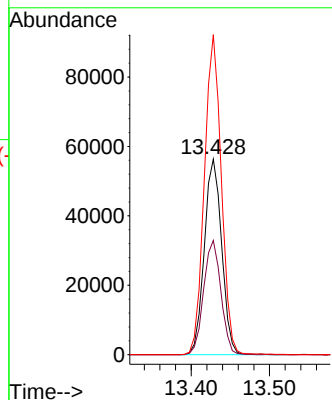
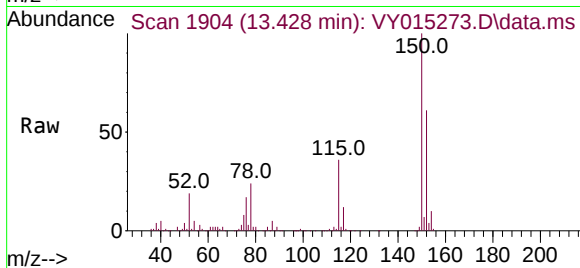
Tgt Ion:152 Resp: 86677

Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 159.8 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 41.504 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY015273.D

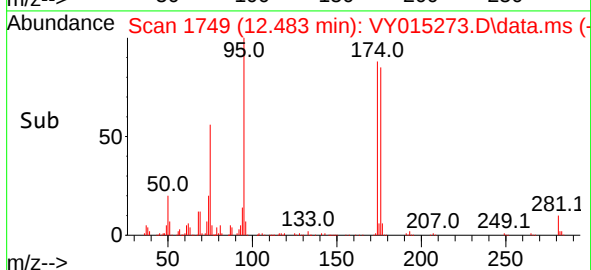
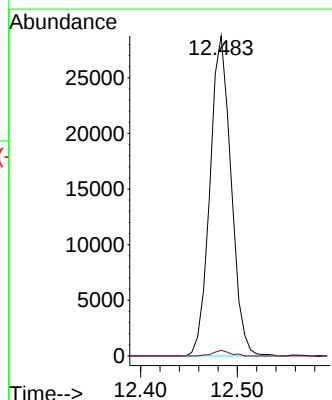
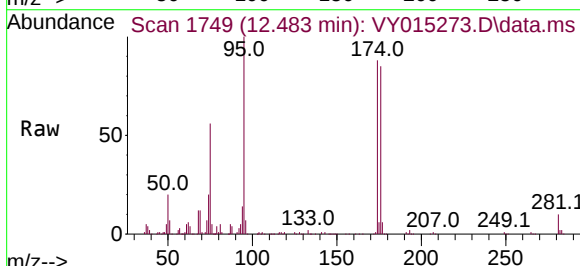
Acq: 23 Aug 2023 02:59

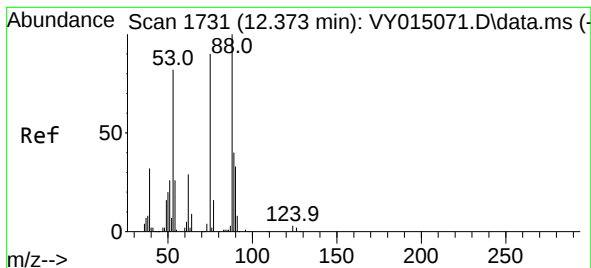
Tgt Ion: 75 Resp: 43706

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.162 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY015273.D
 Acq: 23 Aug 2023 02:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-22(3-4)

Tgt Ion: 75 Resp: 43706
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

