

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009036.D
 Acq On : 24 May 2022 03:34
 Operator : KP/MD
 Sample : N2948-19
 Misc : 2.80g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P036-SS001-1824-01

Quant Time: May 24 04:08:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

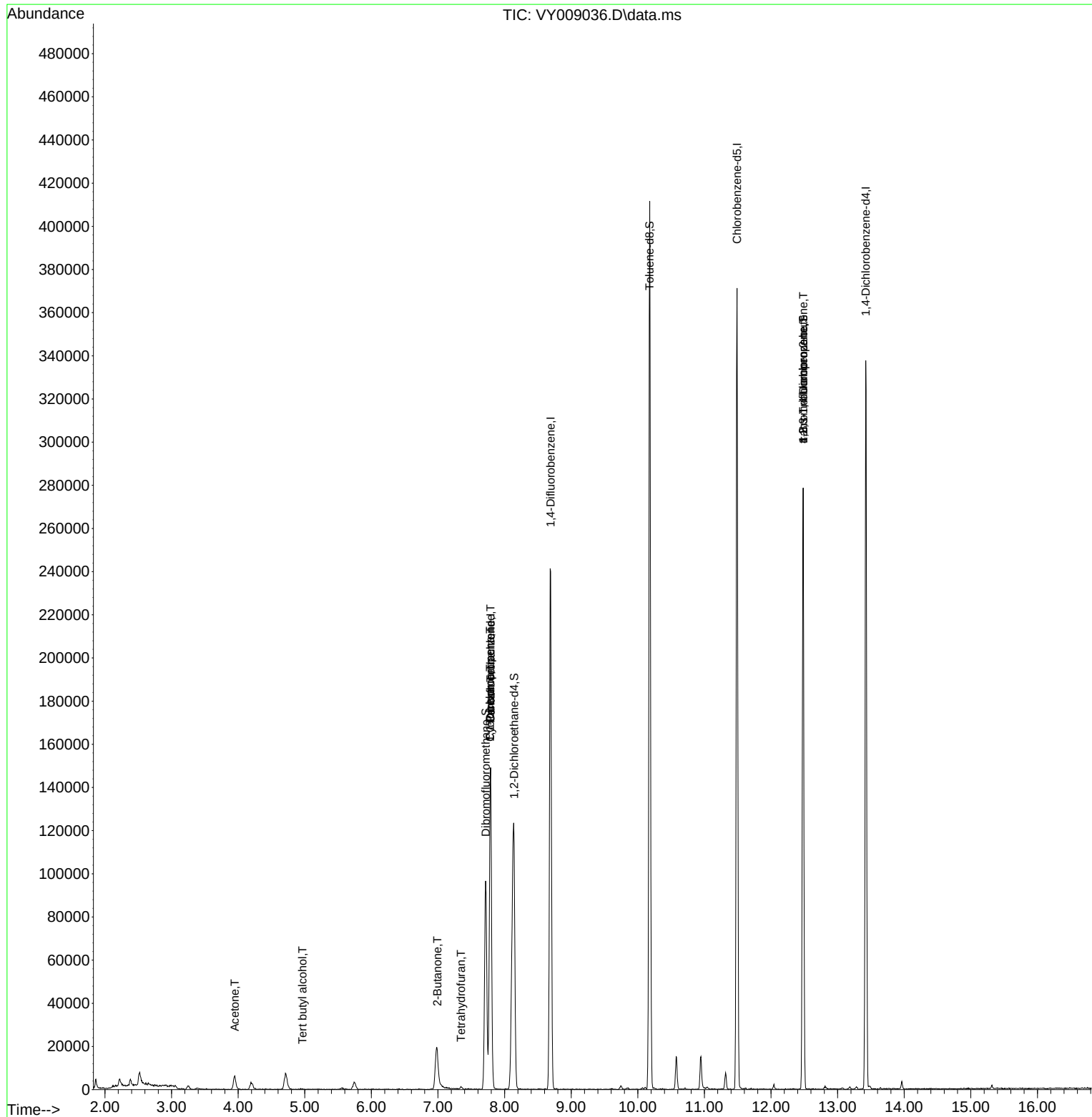
Internal Standards						
1) Pentafluorobenzene	7.789	168	113552	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	206232	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	191097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	81656	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	70495	60.321	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 120.640%		
35) Dibromofluoromethane	7.716	113	65471	51.052	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 102.100%		
50) Toluene-d8	10.179	98	254624	53.819	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 107.640%		
62) 4-Bromofluorobenzene	12.483	95	72194	37.828	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 75.660%		
Target Compounds						
11) Tert butyl alcohol	4.966	59	158	1.333	ug/l #	77
16) Acetone	3.948	43	10409	42.789	ug/l	99
20) Methylene Chloride	4.710	84	5185	Below Cal	#	82
25) 2-Butanone	6.990	43	3171	7.298	ug/l #	68
29) Tetrahydrofuran	7.344	42	385	1.304	ug/l #	54
31) Cyclohexane	7.783	56	2834	1.240	ug/l #	22
36) 1,1-Dichloropropene	7.783	75	10137	4.645	ug/l #	50
38) Carbon Tetrachloride	7.789	117	11634	5.096	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	42136	48.052	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42136	98.626	ug/l #	7

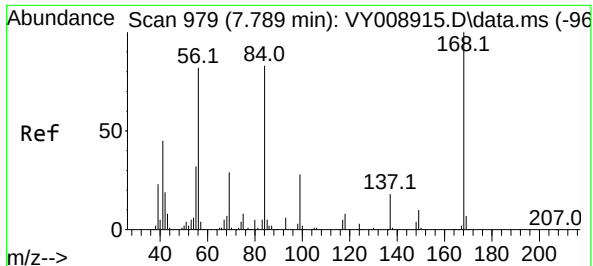
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
Response via : Initial Calibration

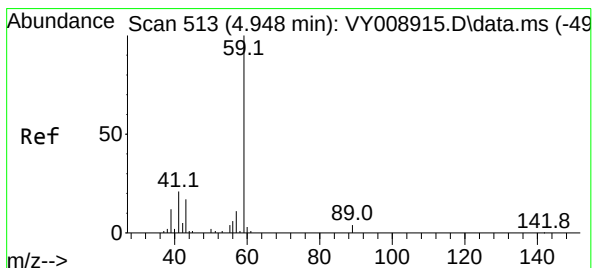
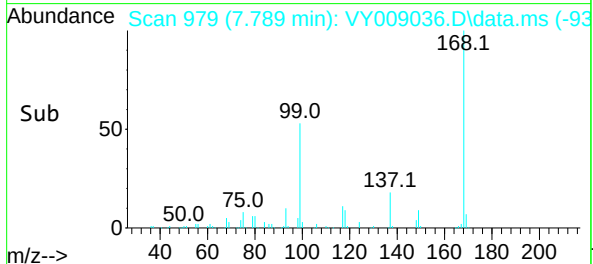
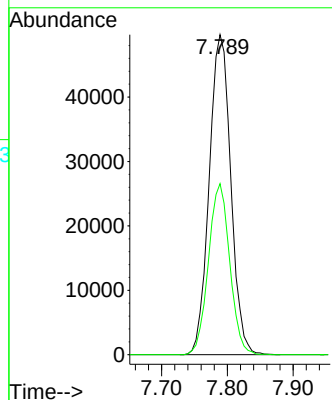
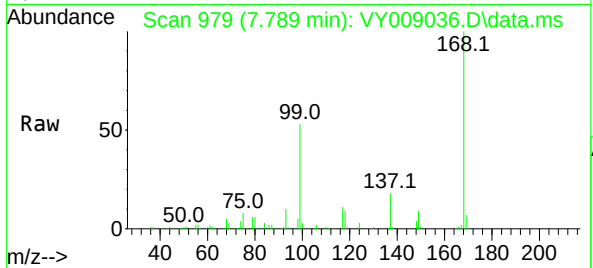




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009036.D
Acq: 24 May 2022 03:34

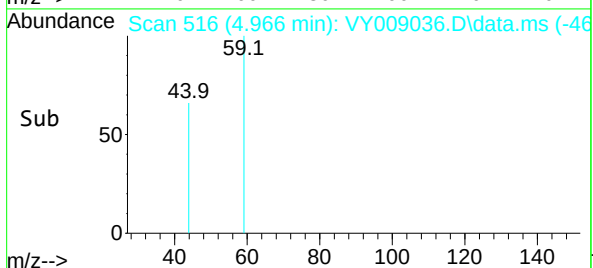
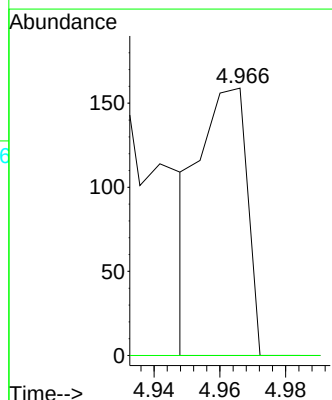
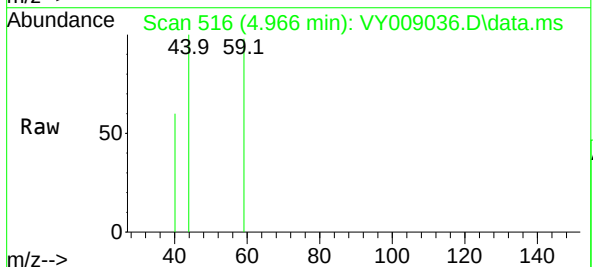
Instrument :
MSVOA_Y
ClientSampleId :
P036-SS001-1824-01

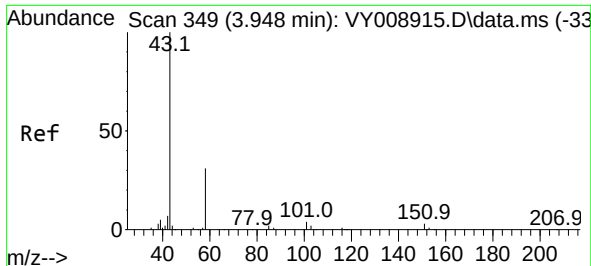
Tgt Ion:168 Resp: 113552
Ion Ratio Lower Upper
168 100
99 53.5 46.9 70.3



#11
Tert butyl alcohol
Concen: 1.333 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.018 min
Lab File: VY009036.D
Acq: 24 May 2022 03:34

Tgt Ion: 59 Resp: 158
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

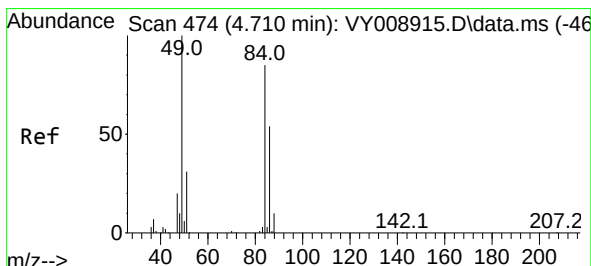
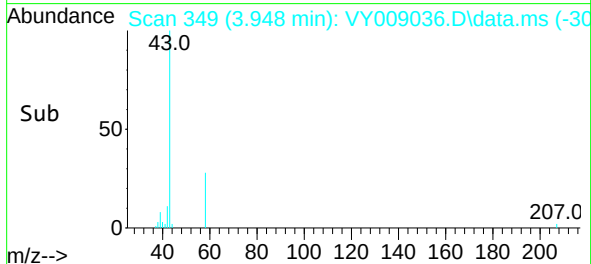
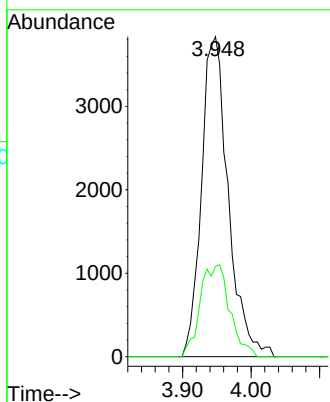
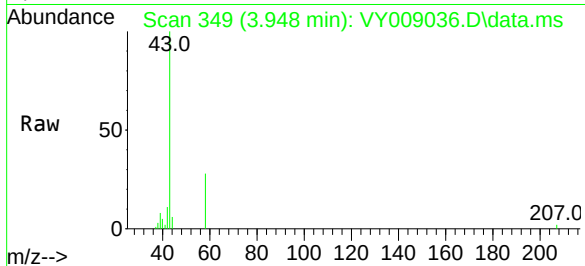




#16
Acetone
Concen: 42.789 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY009036.D
Acq: 24 May 2022 03:34

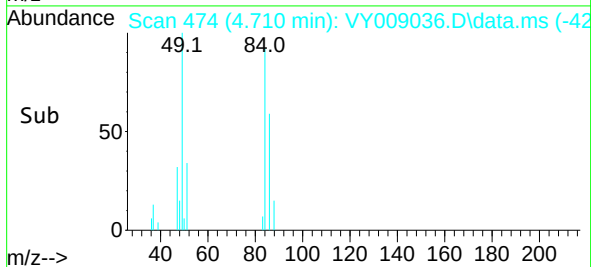
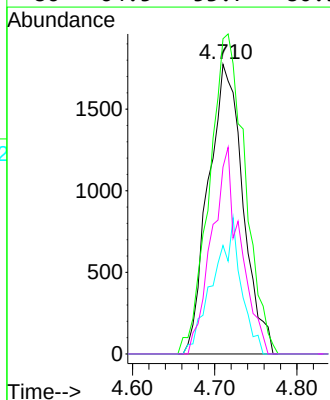
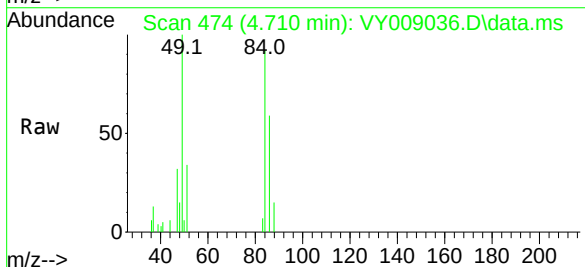
Instrument :
MSVOA_Y
ClientSampleId :
P036-SS001-1824-01

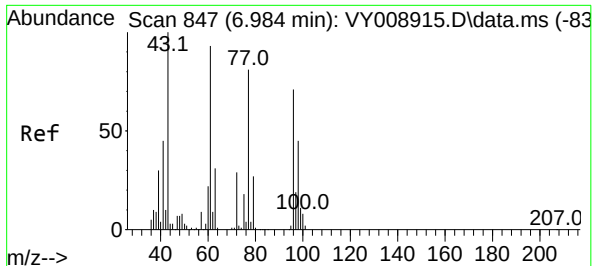
Tgt Ion: 43 Resp: 10409
Ion Ratio Lower Upper
43 100
58 28.3 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY009036.D
Acq: 24 May 2022 03:34

Tgt Ion: 84 Resp: 5185
Ion Ratio Lower Upper
84 100
49 108.8 114.4 171.6#
51 37.5 35.3 52.9
86 64.5 53.7 80.5





#25

2-Butanone

Concen: 7.298 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY009036.D

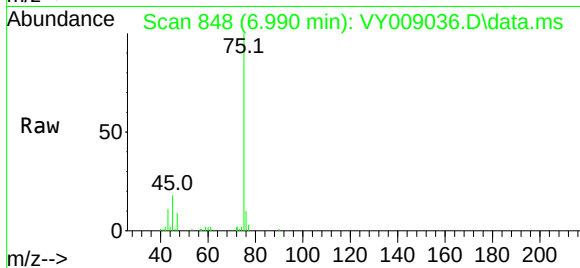
Acq: 24 May 2022 03:34

Instrument :

MSVOA_Y

ClientSampleId :

P036-SS001-1824-01

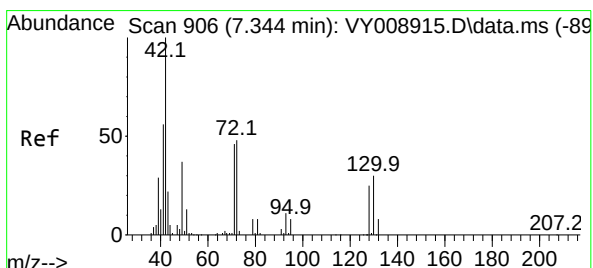
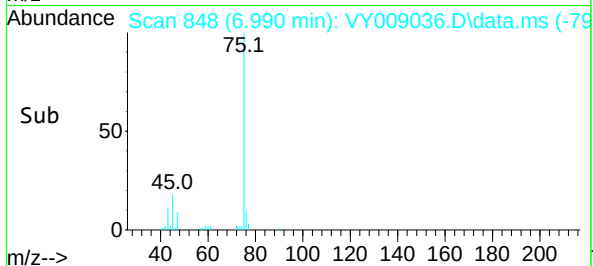
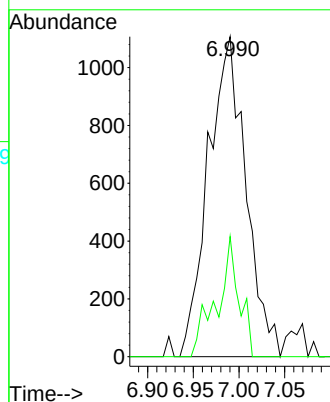


Tgt Ion: 43 Resp: 3171

Ion Ratio Lower Upper

43 100

72 37.6 17.7 26.5#



#29

Tetrahydrofuran

Concen: 1.304 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY009036.D

Acq: 24 May 2022 03:34

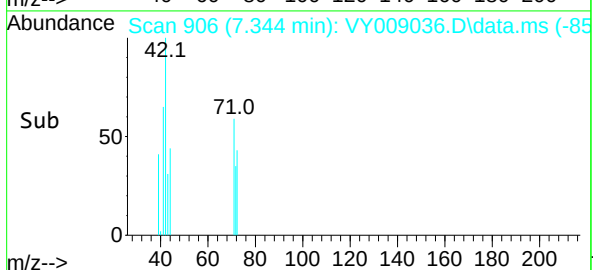
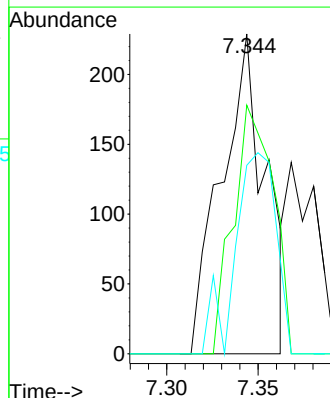
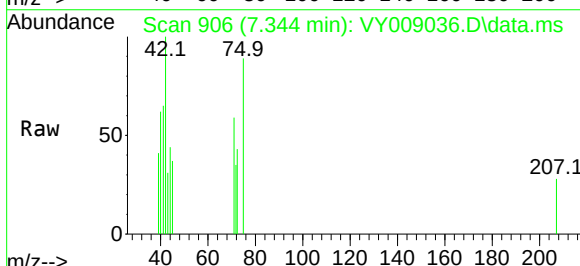
Tgt Ion: 42 Resp: 385

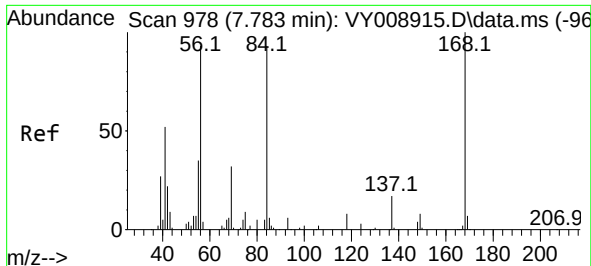
Ion Ratio Lower Upper

42 100

72 70.6 30.3 45.5#

71 58.7 29.0 43.4#

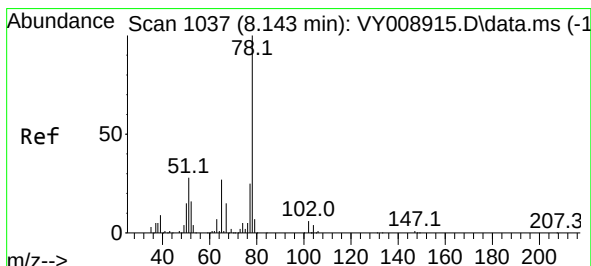
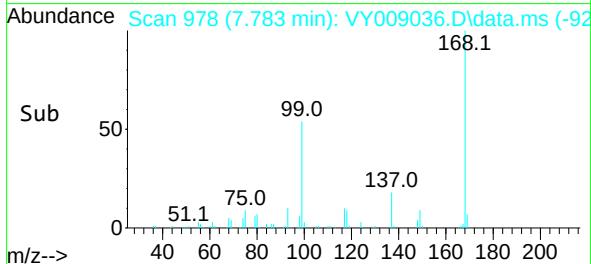
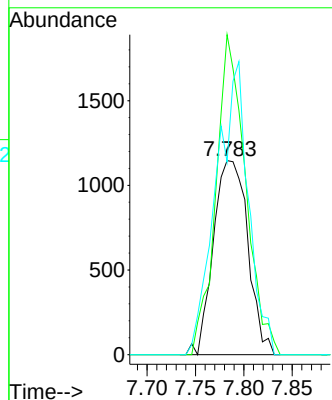
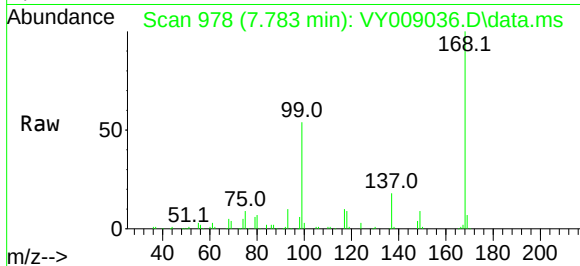




#31
Cyclohexane
Concen: 1.240 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009036.D
Acq: 24 May 2022 03:34

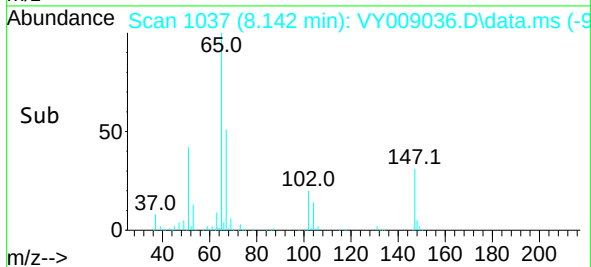
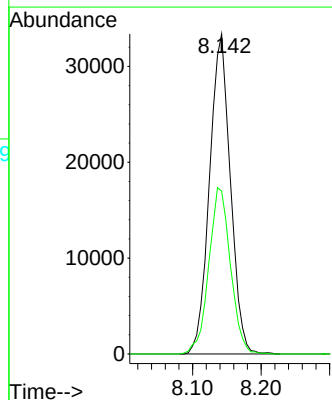
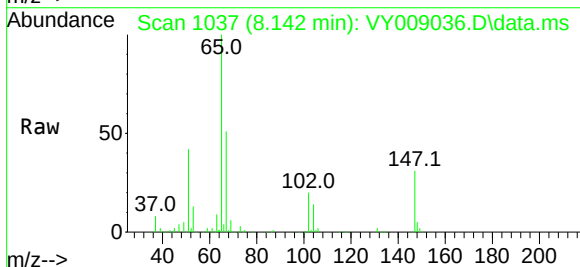
Instrument :
MSVOA_Y
ClientSampleId :
P036-SS001-1824-01

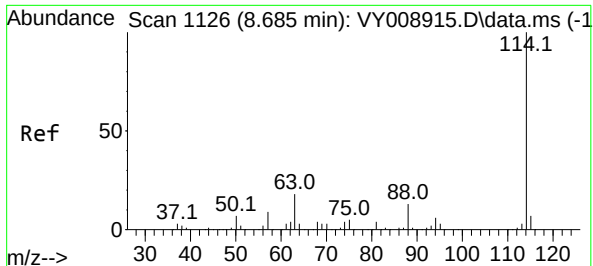
Tgt Ion: 56 Resp: 2834
Ion Ratio Lower Upper
56 100
69 164.9 26.7 40.1#
84 99.3 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 60.321 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY009036.D
Acq: 24 May 2022 03:34

Tgt Ion: 65 Resp: 70495
Ion Ratio Lower Upper
65 100
67 54.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY009036.D

Acq: 24 May 2022 03:34

Instrument :

MSVOA_Y

ClientSampleId :

P036-SS001-1824-01

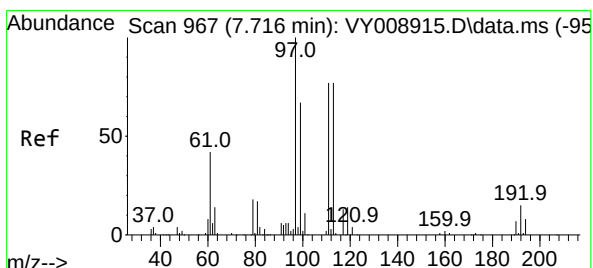
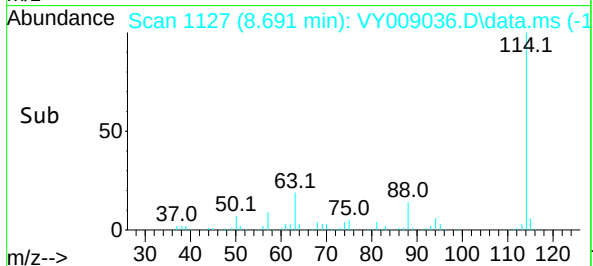
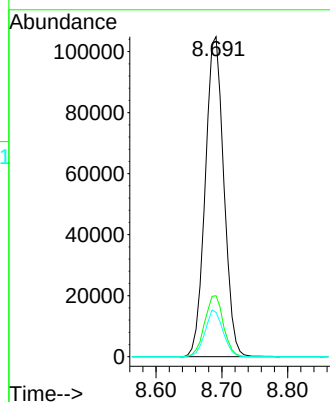
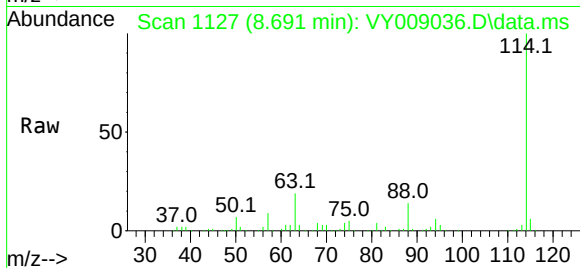
Tgt Ion:114 Resp: 206232

Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 13.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.052 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY009036.D

Acq: 24 May 2022 03:34

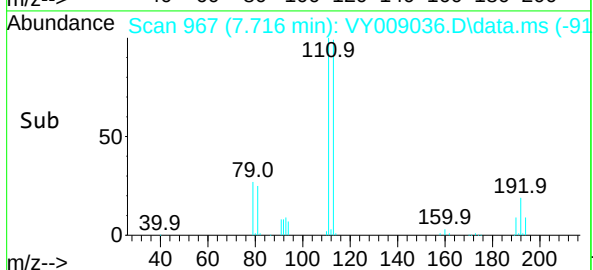
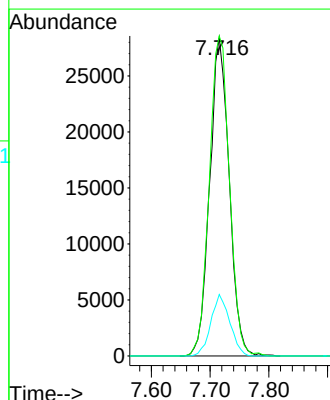
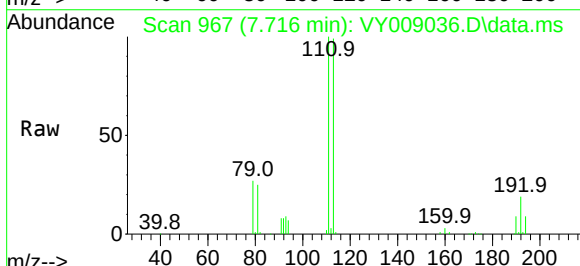
Tgt Ion:113 Resp: 65471

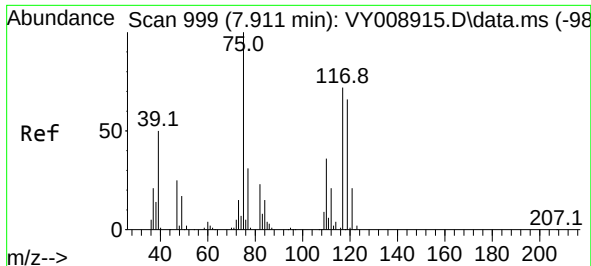
Ion Ratio Lower Upper

113 100

111 104.1 82.6 124.0

192 18.7 17.6 26.4

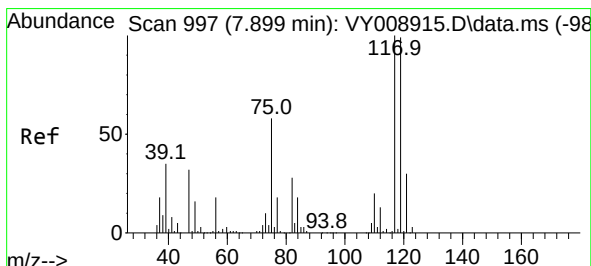
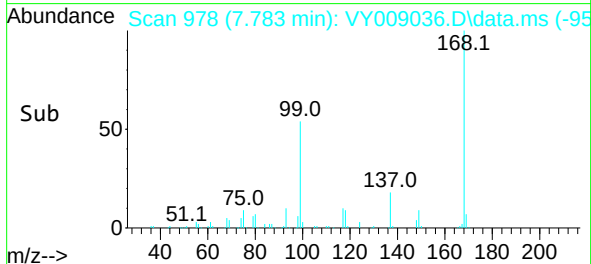
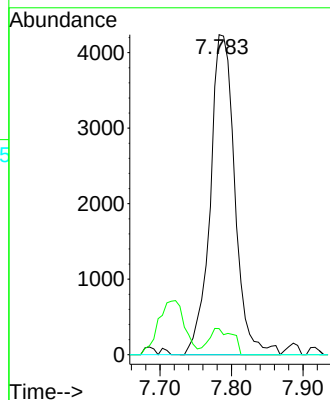
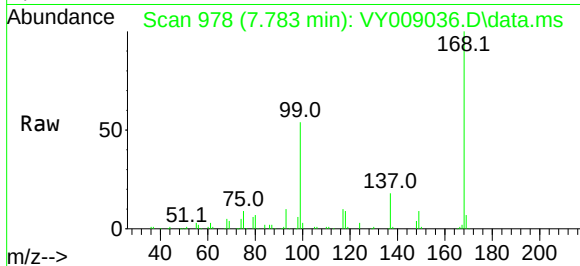




#36
 1,1-Dichloropropene
 Concen: 4.645 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY009036.D
 Acq: 24 May 2022 03:34

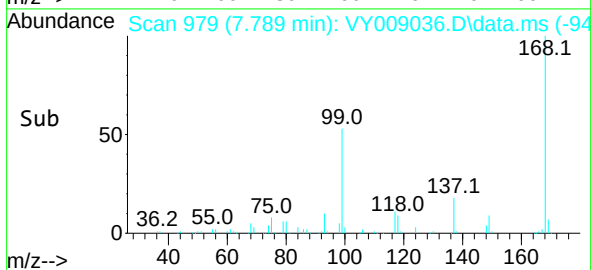
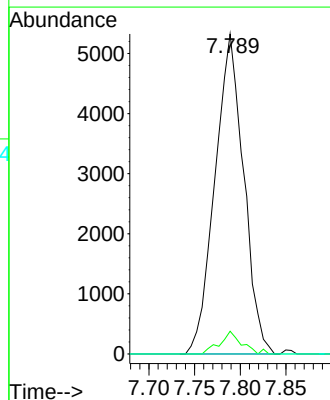
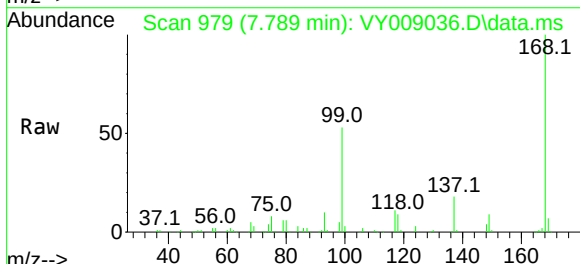
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 MSVOA_Y
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 P036-SS001-1824-01

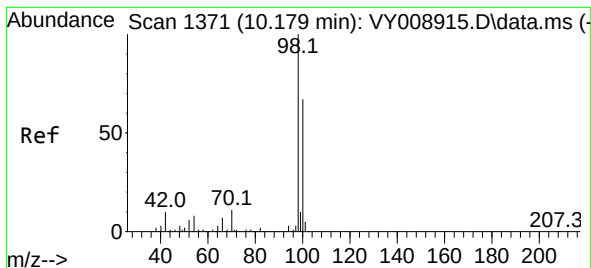
Tgt Ion: 75 Resp: 10137
 Ion Ratio Lower Upper
 75 100
 110 8.0 17.1 51.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.096 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.110 min
 Lab File: VY009036.D
 Acq: 24 May 2022 03:34

Tgt Ion: 117 Resp: 11634
 Ion Ratio Lower Upper
 117 100
 119 7.1 77.9 116.9#
 121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 53.819 ug/l

RT: 10.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009036.D

Acq: 24 May 2022 03:34

Instrument :

MSVOA_Y

ClientSampleId :

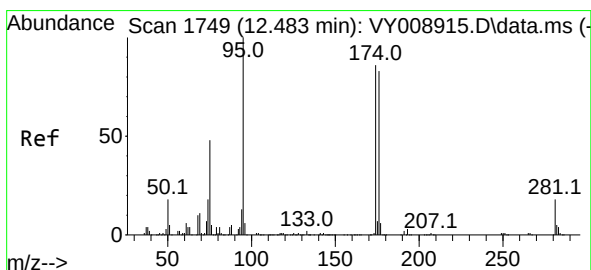
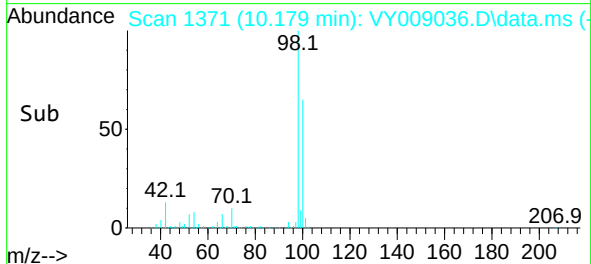
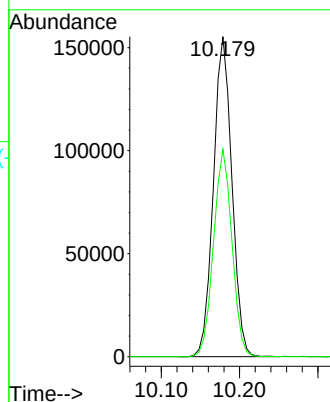
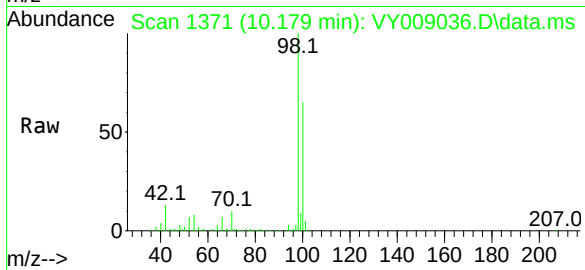
P036-SS001-1824-01

Tgt Ion: 98 Resp: 254624

Ion Ratio Lower Upper

98 100

100 64.6 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 37.828 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY009036.D

Acq: 24 May 2022 03:34

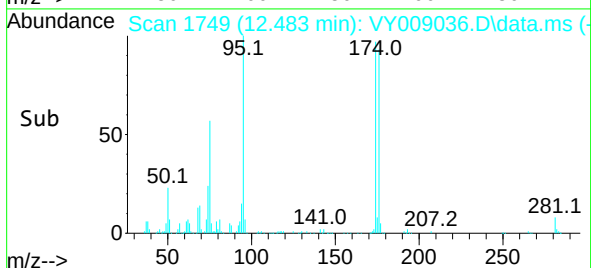
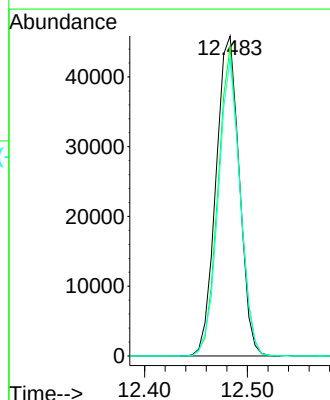
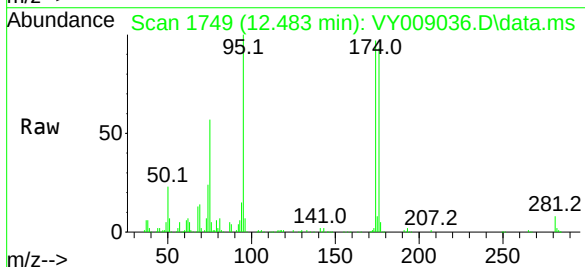
Tgt Ion: 95 Resp: 72194

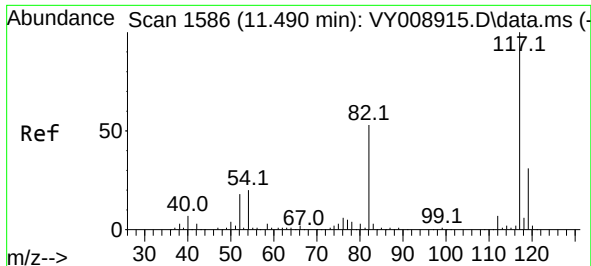
Ion Ratio Lower Upper

95 100

174 90.8 0.0 177.0

176 87.1 0.0 175.8

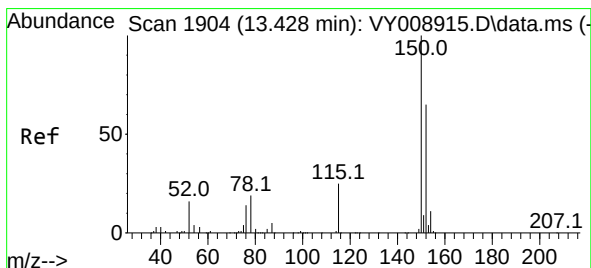
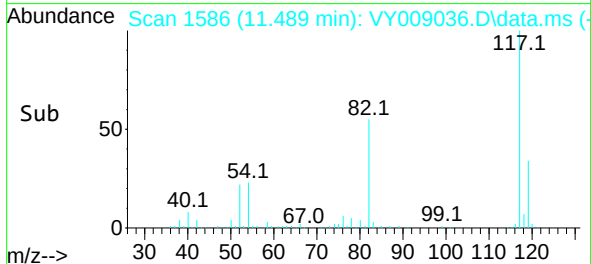
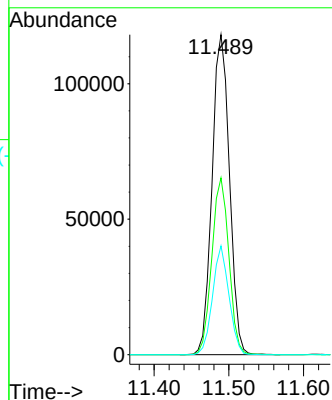
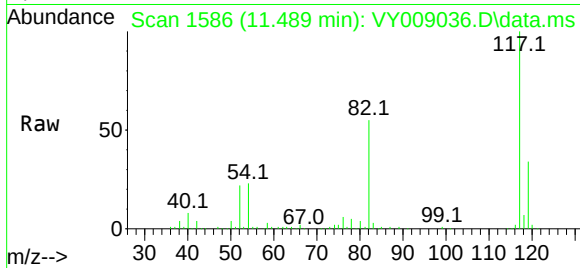




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009036.D
Acq: 24 May 2022 03:34

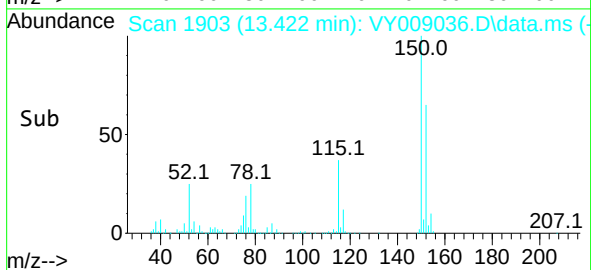
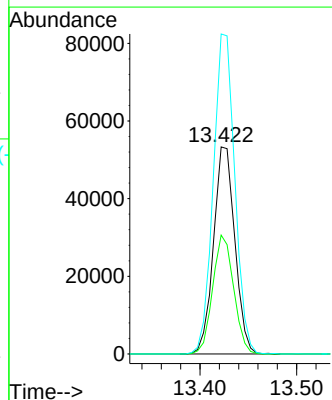
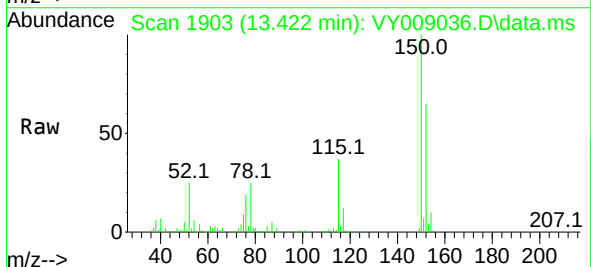
Instrument :
MSVOA_Y
ClientSampleId :
P036-SS001-1824-01

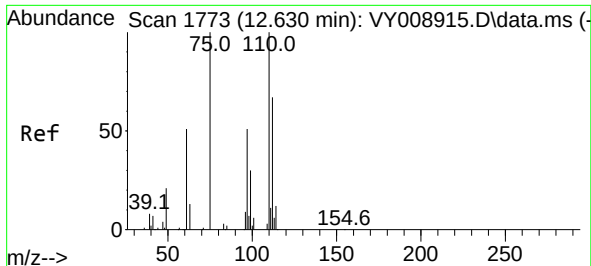
Tgt Ion:117 Resp: 191097
Ion Ratio Lower Upper
117 100
82 55.2 43.0 64.4
119 34.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY009036.D
Acq: 24 May 2022 03:34

Tgt Ion:152 Resp: 81656
Ion Ratio Lower Upper
152 100
115 56.4 28.2 84.7
150 156.2 0.0 347.6

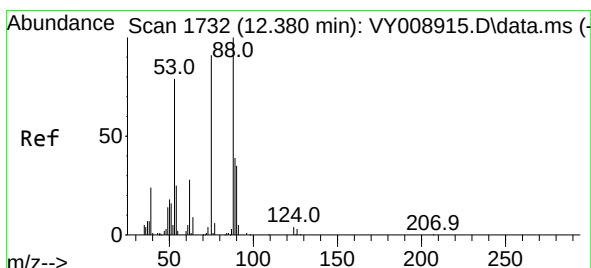
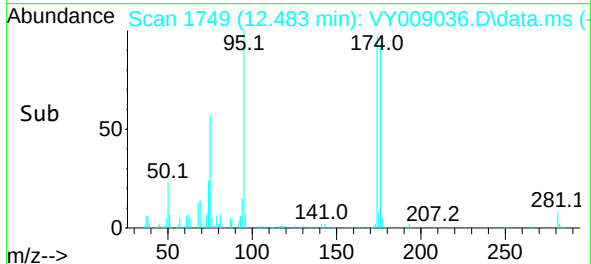
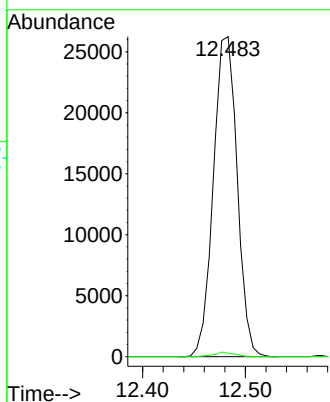
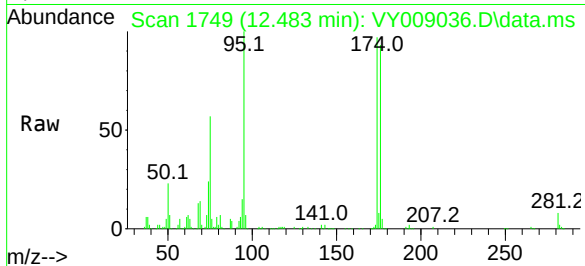




#76
1,2,3-Trichloropropane
Concen: 48.052 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY009036.D
Acq: 24 May 2022 03:34

Instrument :
MSVOA_Y
ClientSampleId :
P036-SS001-1824-01

Tgt Ion: 75 Resp: 42136
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.626 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY009036.D
Acq: 24 May 2022 03:34

Tgt Ion: 75 Resp: 42136
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

