

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042722\
 Data File : VY008523.D
 Acq On : 27 Apr 2022 13:37
 Operator : KP/MD
 Sample : N2577-02
 Misc : 5.63g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GT-08-(25-30)

Quant Time: Apr 28 01:31:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

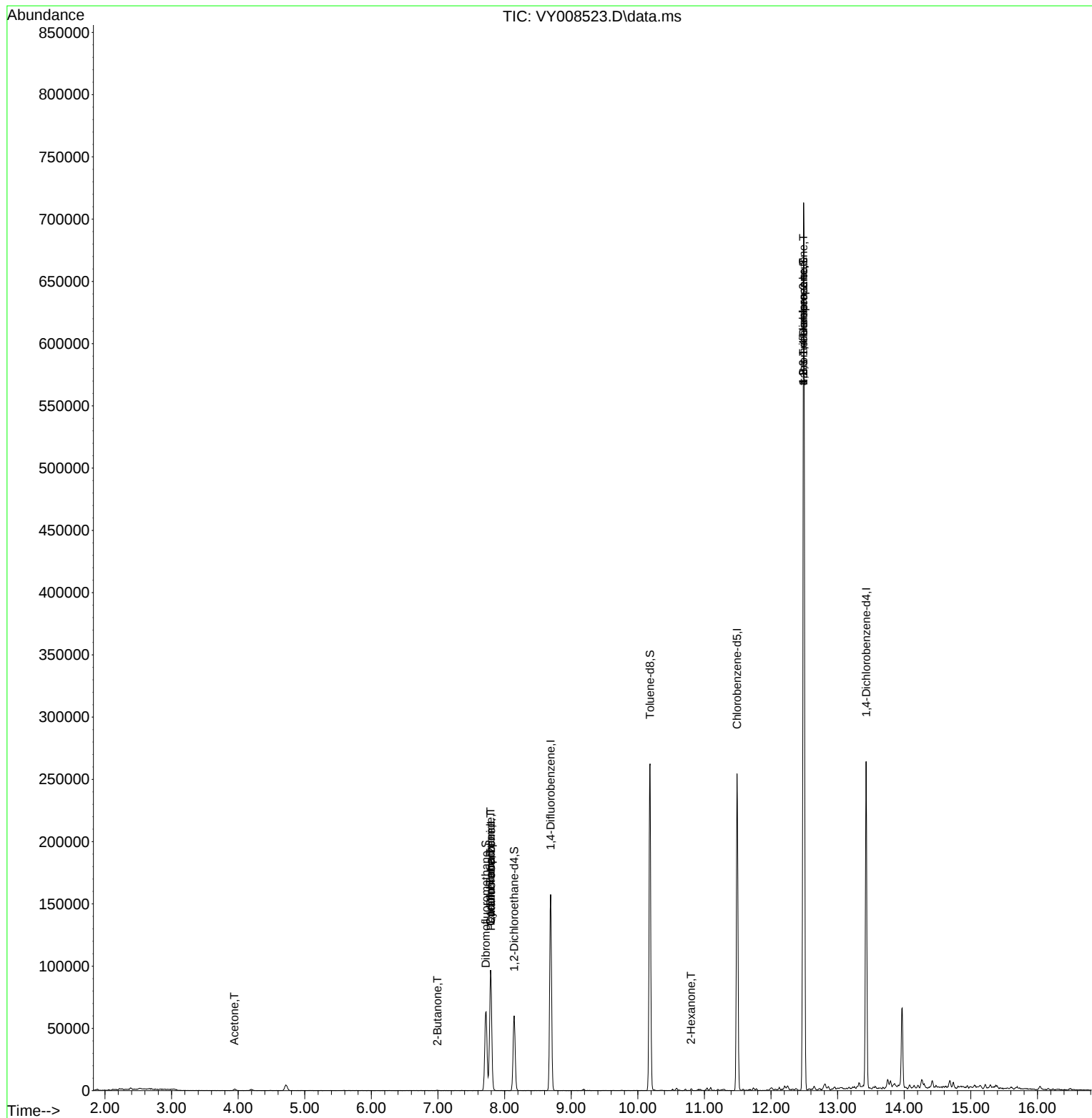
Internal Standards						
1) Pentafluorobenzene	7.795	168	75304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	139403	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	139734	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	63863	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	45904	51.808	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.620%	
35) Dibromofluoromethane	7.716	113	45428	50.493	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.980%	
50) Toluene-d8	10.185	98	174903	48.835	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.680%	
62) 4-Bromofluorobenzene	12.483	95	64855	53.534	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.060%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	77	Below Cal	#	77
16) Acetone	3.942	43	2120	10.272	ug/l	94
20) Methylene Chloride	4.722	84	3611	Below Cal	#	72
25) 2-Butanone	6.990	43	489	1.532	ug/l	# 54
31) Cyclohexane	7.789	56	1881	1.291	ug/l	# 32
36) 1,1-Dichloropropene	7.789	75	6085	4.252	ug/l	# 50
38) Carbon Tetrachloride	7.789	117	7471	5.025	ug/l	# 17
59) 2-Hexanone	10.801	43	615	1.167	ug/l	# 28
76) 1,2,3-Trichloropropane	12.483	75	40001	48.398	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	40001	112.279	ug/l	# 9

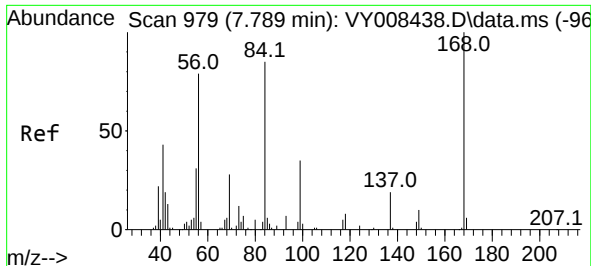
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042722\
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MSVOA_Y
ClientSampleId :
GT-08-(25-30)

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 21 14:28:40 2022
Response via : Initial Calibration

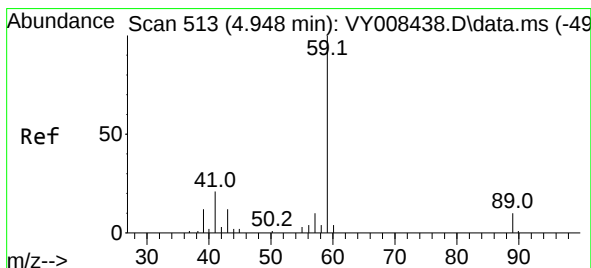
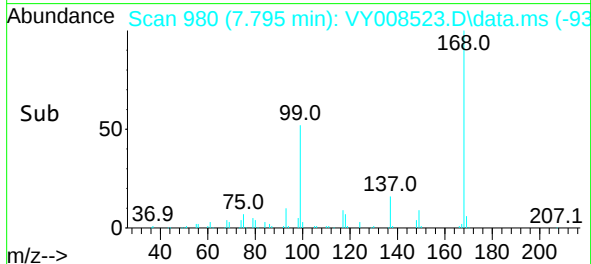
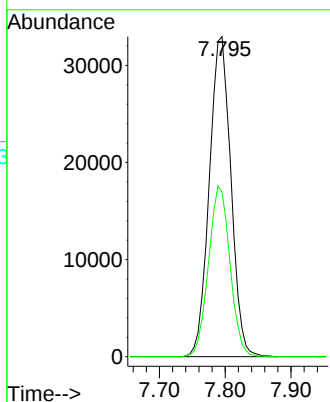
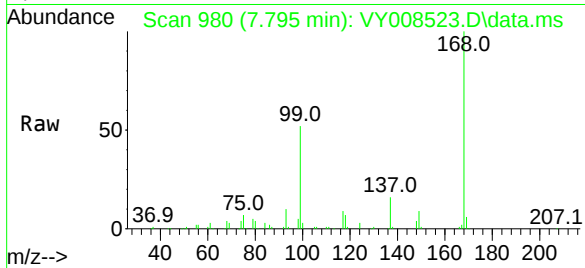




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008523.D
Acq: 27 Apr 2022 13:37

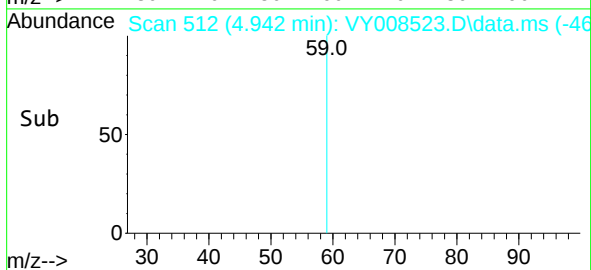
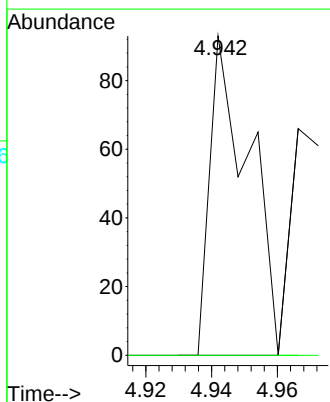
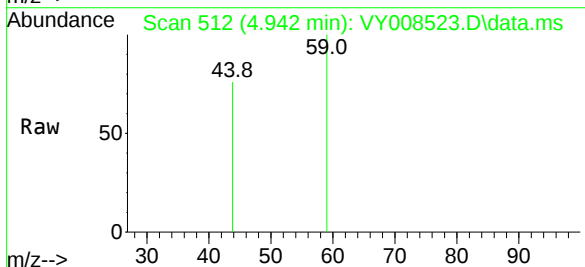
Instrument :
MSVOA_Y
ClientSampleId :
GT-08-(25-30)

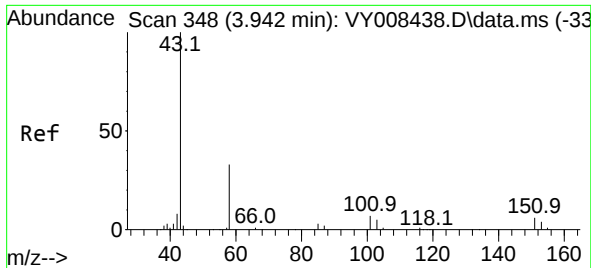
Tgt Ion:168 Resp: 75304
Ion Ratio Lower Upper
168 100
99 51.5 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY008523.D
Acq: 27 Apr 2022 13:37

Tgt Ion: 59 Resp: 77
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

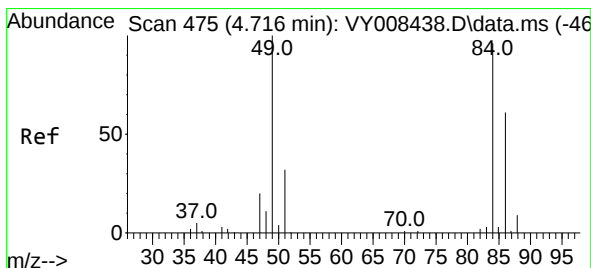
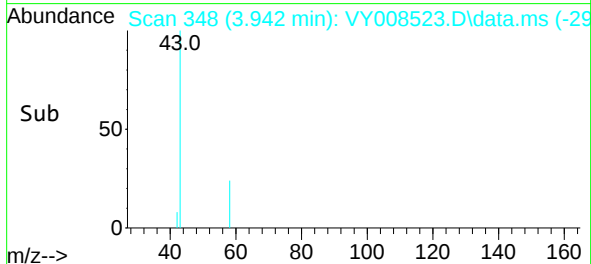
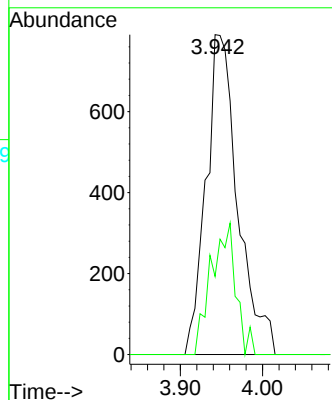
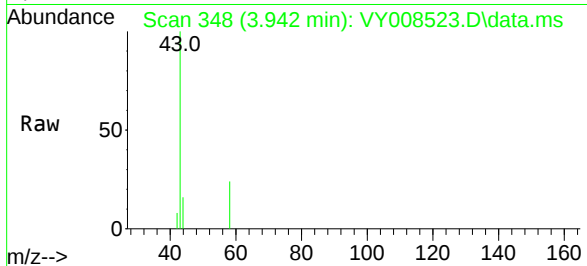




#16
Acetone
Concen: 10.272 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY008523.D
Acq: 27 Apr 2022 13:37

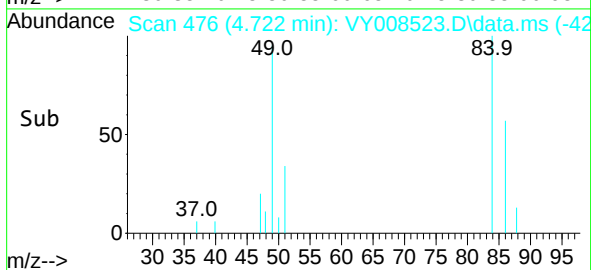
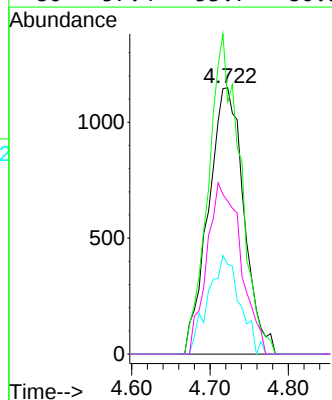
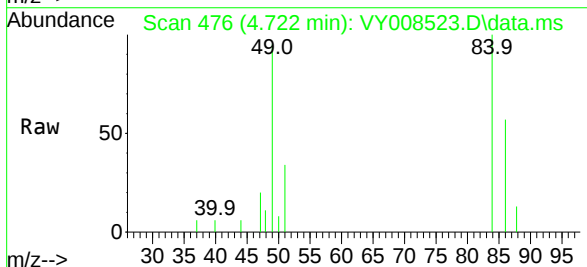
Instrument :
MSVOA_Y
ClientSampleId :
GT-08-(25-30)

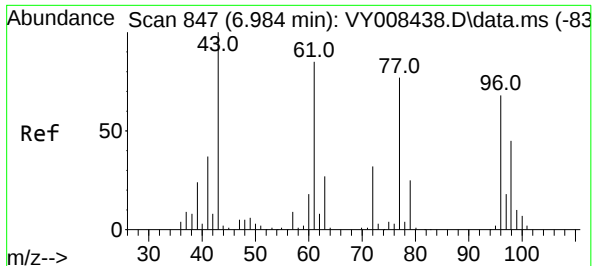
Tgt Ion: 43 Resp: 2120
Ion Ratio Lower Upper
43 100
58 24.4 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY008523.D
Acq: 27 Apr 2022 13:37

Tgt Ion: 84 Resp: 3611
Ion Ratio Lower Upper
84 100
49 94.6 114.4 171.6#
51 33.7 35.3 52.9#
86 57.4 53.7 80.5





#25

2-Butanone

Concen: 1.532 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY008523.D

Acq: 27 Apr 2022 13:37

Instrument :

MSVOA_Y

ClientSampleId :

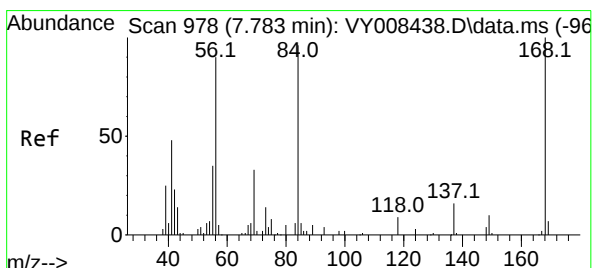
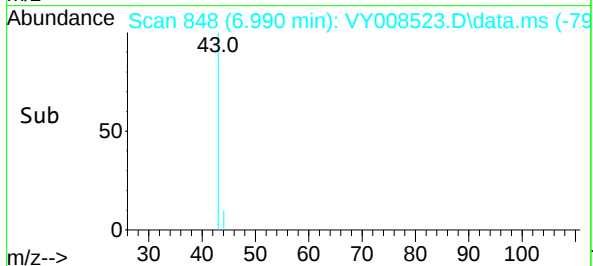
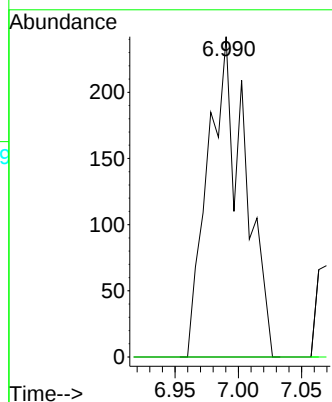
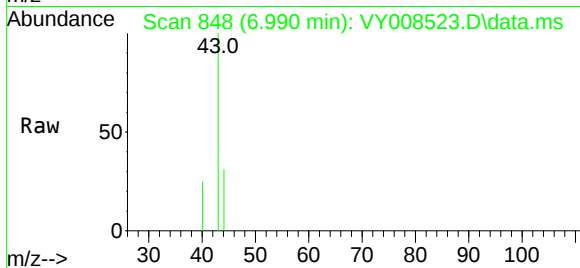
GT-08-(25-30)

Tgt Ion: 43 Resp: 489

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#



#31

Cyclohexane

Concen: 1.291 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY008523.D

Acq: 27 Apr 2022 13:37

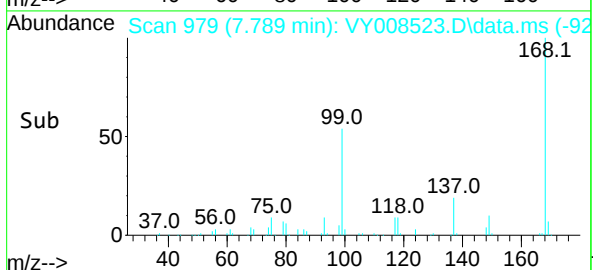
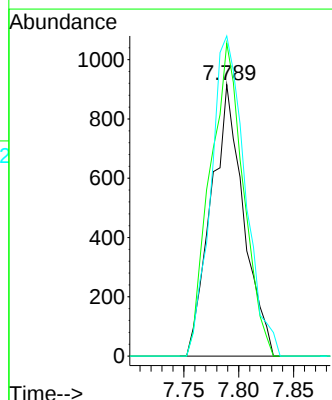
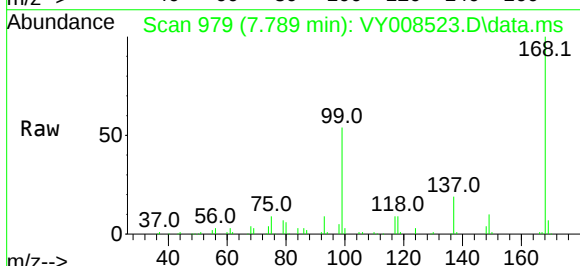
Tgt Ion: 56 Resp: 1881

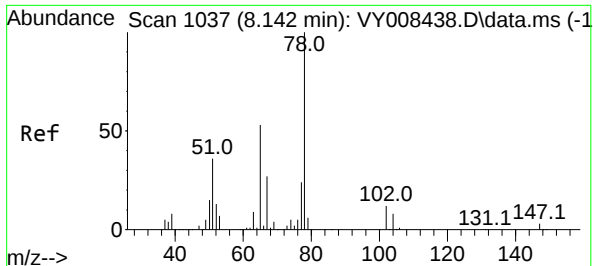
Ion Ratio Lower Upper

56 100

69 115.2 26.7 40.1#

84 117.9 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 51.808 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.001 min

Lab File: VY008523.D

Acq: 27 Apr 2022 13:37

Instrument :

MSVOA_Y

ClientSampleId :

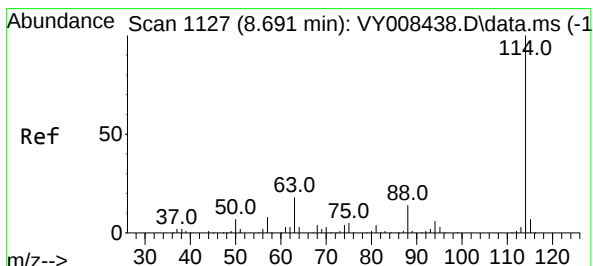
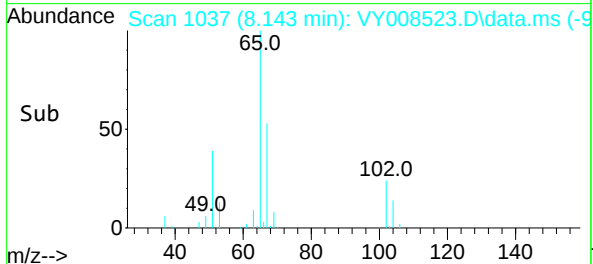
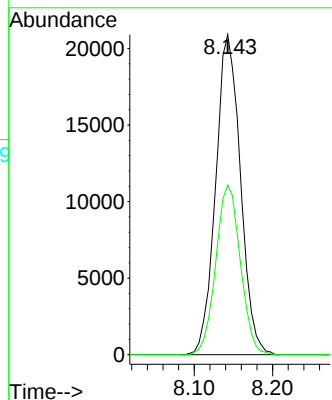
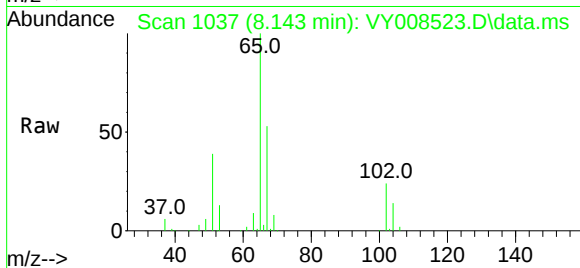
GT-08-(25-30)

Tgt Ion: 65 Resp: 45904

Ion Ratio Lower Upper

65 100

67 52.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008523.D

Acq: 27 Apr 2022 13:37

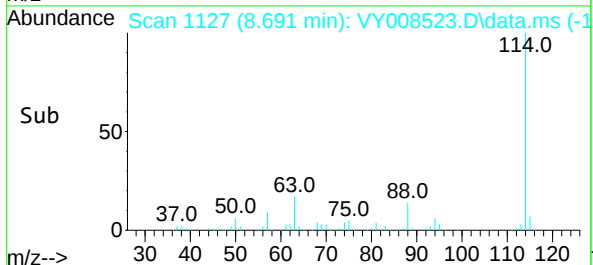
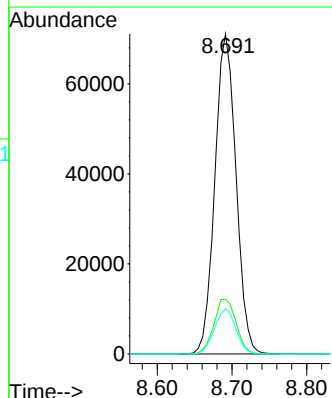
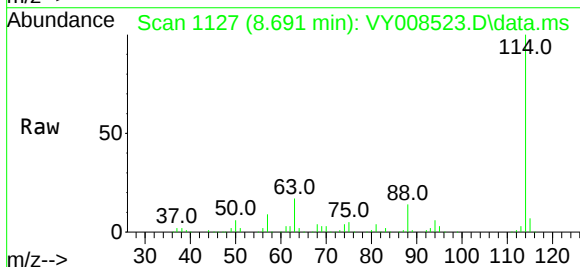
Tgt Ion: 114 Resp: 139403

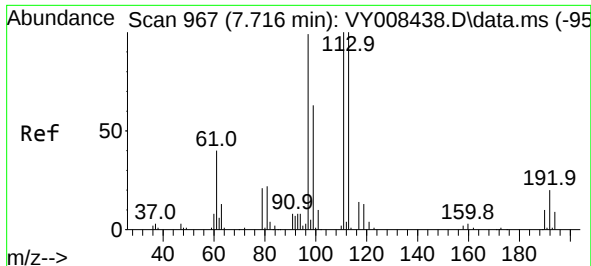
Ion Ratio Lower Upper

114 100

63 17.1 0.0 43.2

88 14.2 0.0 31.8

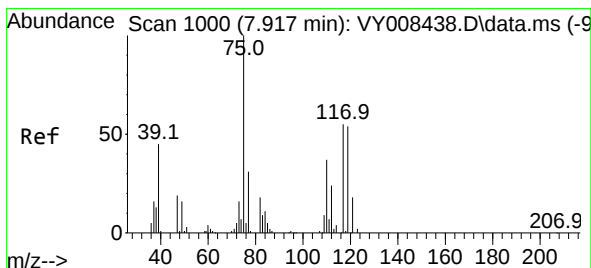
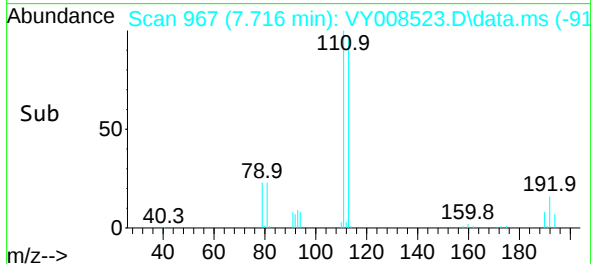
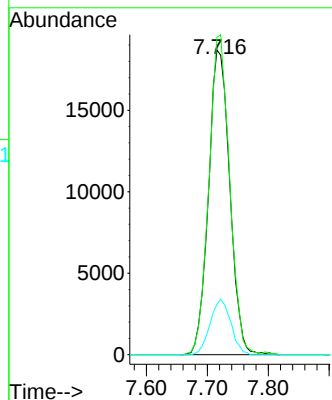
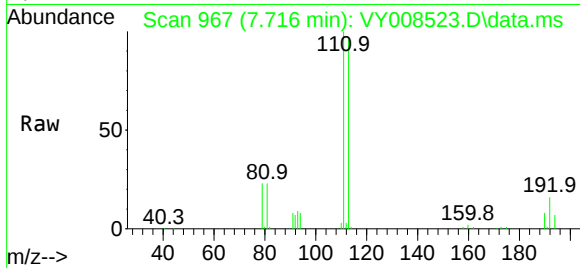




#35
 Dibromofluoromethane
 Concen: 50.493 ug/l
 RT: 7.716 min Scan# 910
 Delta R.T. -0.000 min
 Lab File: VY008523.D
 Acq: 27 Apr 2022 13:37

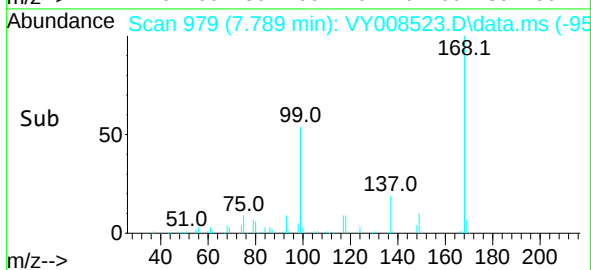
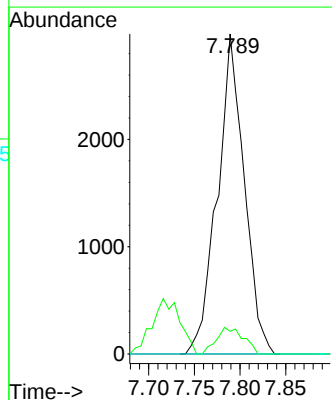
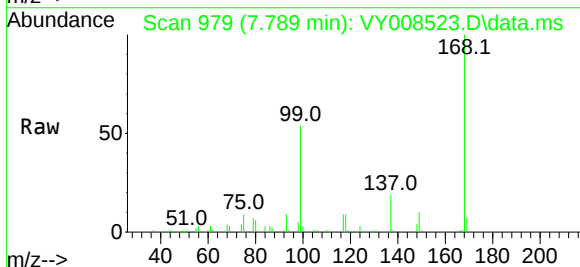
Instrument :
 MSVOA_Y
 ClientSampleId :
 GT-08-(25-30)

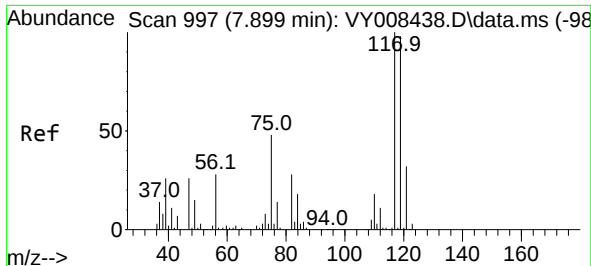
Tgt Ion: 113 Resp: 45428
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.6 124.0
 192 17.6 17.6 26.4



#36
 1,1-Dichloropropene
 Concen: 4.252 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.128 min
 Lab File: VY008523.D
 Acq: 27 Apr 2022 13:37

Tgt Ion: 75 Resp: 6085
 Ion Ratio Lower Upper
 75 100
 110 8.3 17.1 51.2#
 77 0.0 24.4 36.6#

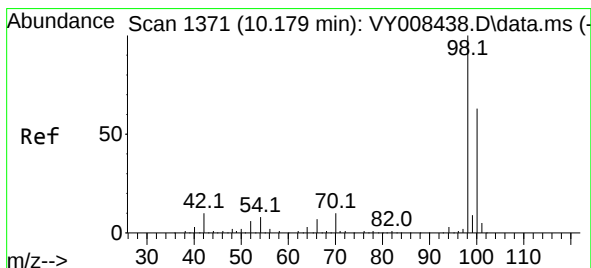
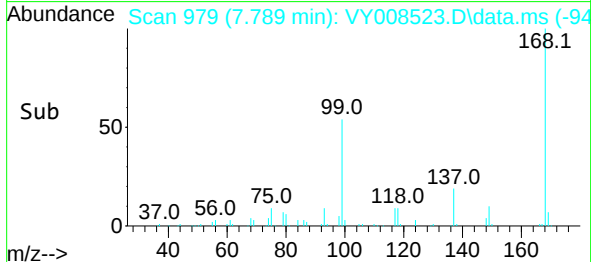
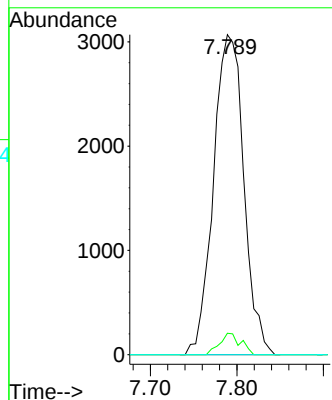
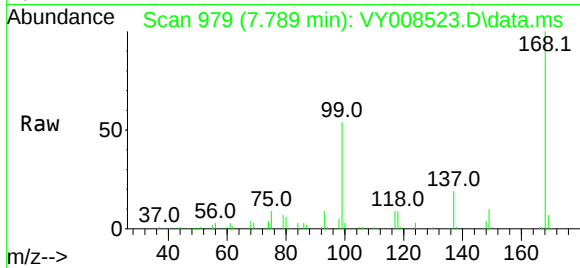




#38
Carbon Tetrachloride
Concen: 5.025 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008523.D
Acq: 27 Apr 2022 13:37

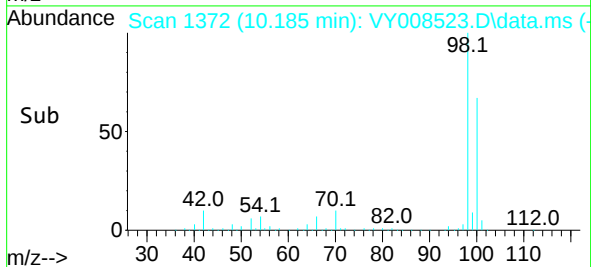
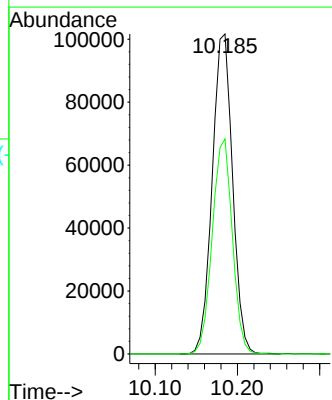
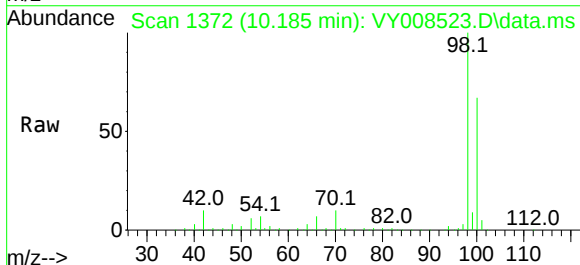
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GT-08-(25-30)

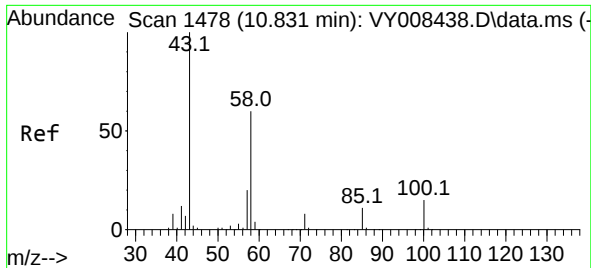
Tgt Ion:117 Resp: 7471
Ion Ratio Lower Upper
117 100
119 6.7 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.835 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY008523.D
Acq: 27 Apr 2022 13:37

Tgt Ion: 98 Resp: 174903
Ion Ratio Lower Upper
98 100
100 66.2 50.2 75.2

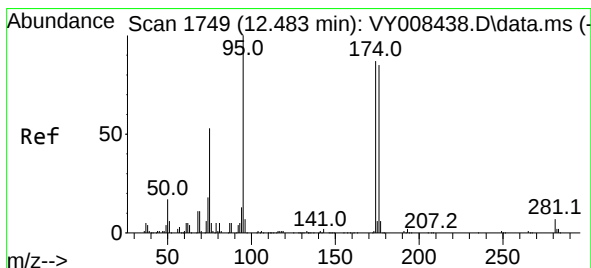
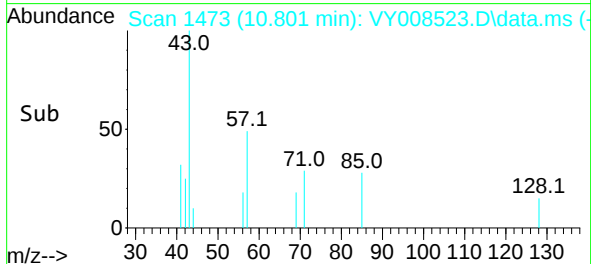
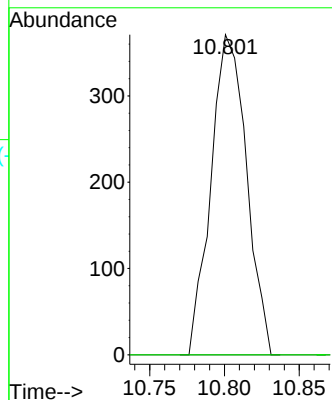
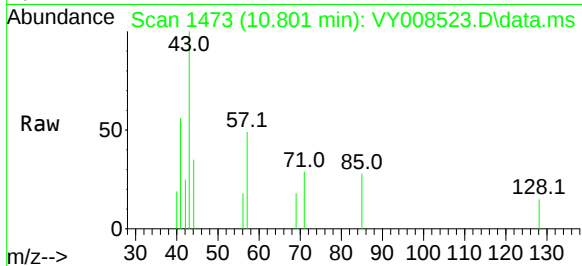




#59
2-Hexanone
Concen: 1.167 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.030 min
Lab File: VY008523.D
Acq: 27 Apr 2022 13:37

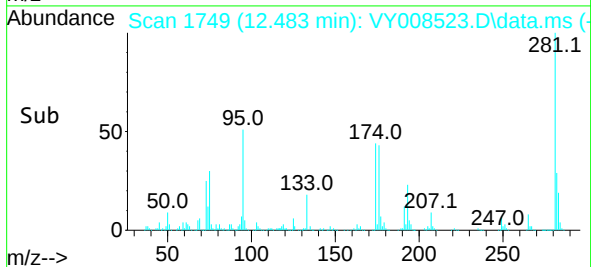
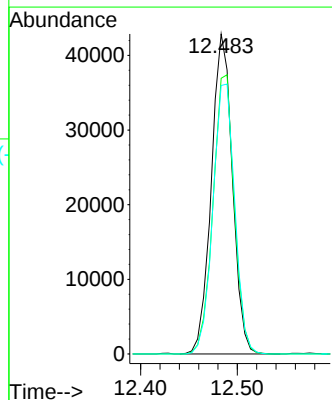
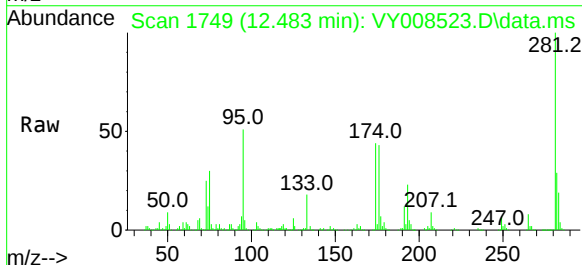
Instrument :
MSVOA_Y
ClientSampleId :
GT-08-(25-30)

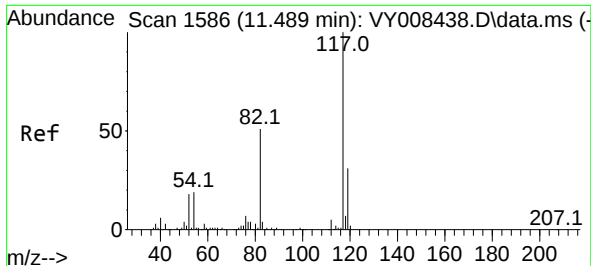
Tgt Ion: 43 Resp: 615
Ion Ratio Lower Upper
43 100
58 0.0 24.4 73.4#



#62
4-Bromofluorobenzene
Concen: 53.534 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008523.D
Acq: 27 Apr 2022 13:37

Tgt Ion: 95 Resp: 64855
Ion Ratio Lower Upper
95 100
174 87.9 0.0 177.0
176 87.4 0.0 175.8

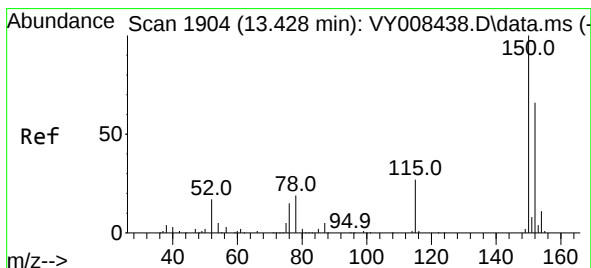
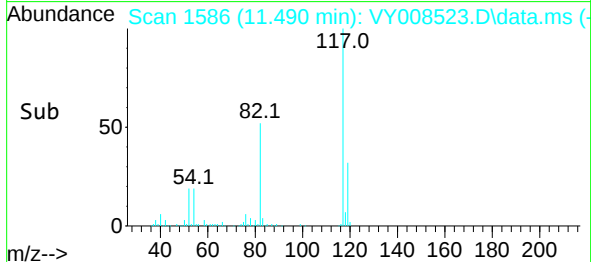
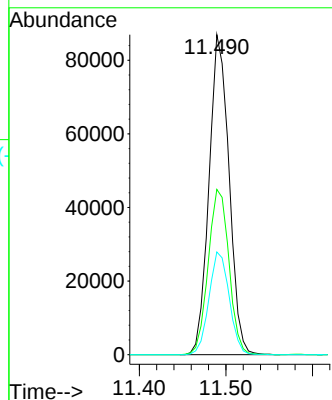
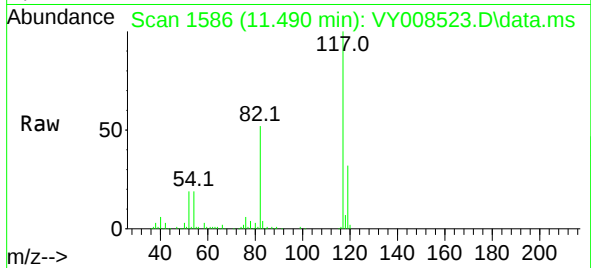




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008523.D
Acq: 27 Apr 2022 13:37

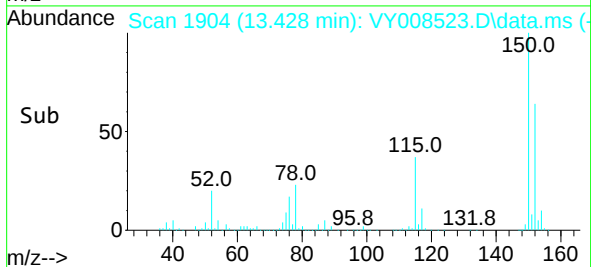
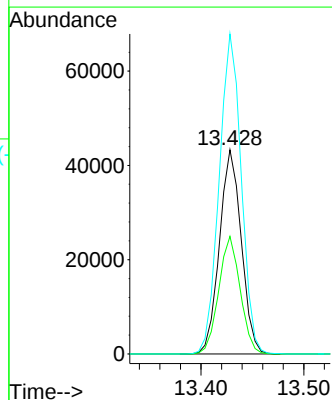
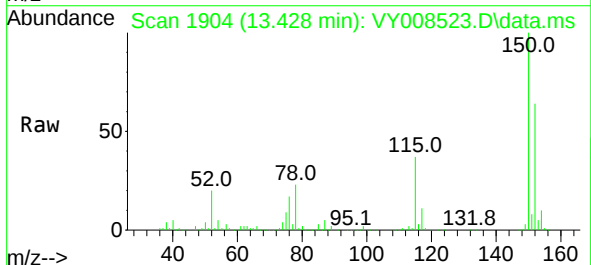
Instrument :
MSVOA_Y
ClientSampleId :
GT-08-(25-30)

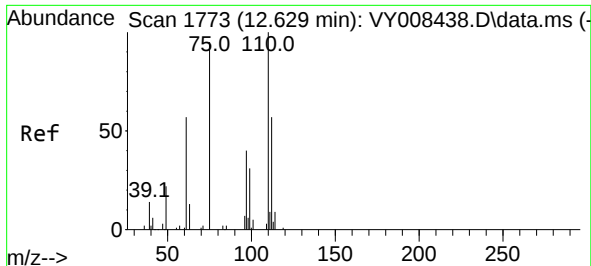
Tgt Ion:117 Resp: 139734
Ion Ratio Lower Upper
117 100
82 51.7 43.0 64.4
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008523.D
Acq: 27 Apr 2022 13:37

Tgt Ion:152 Resp: 63863
Ion Ratio Lower Upper
152 100
115 56.5 28.2 84.7
150 158.5 0.0 347.6

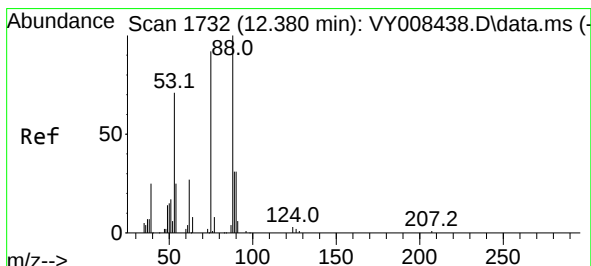
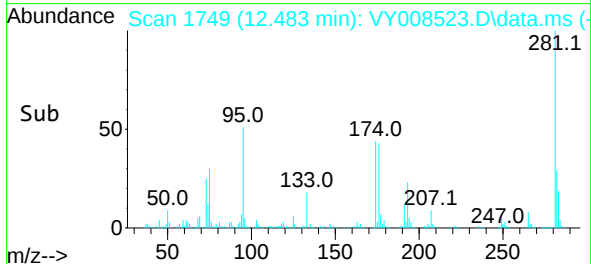
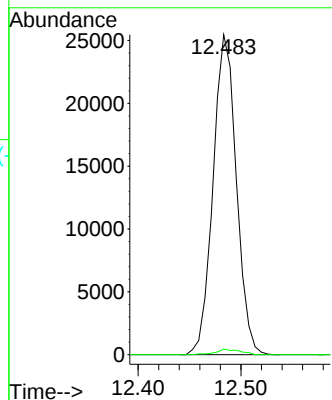
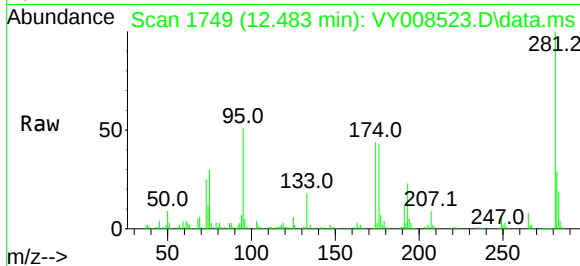




#76
1,2,3-Trichloropropane
Concen: 48.398 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008523.D
Acq: 27 Apr 2022 13:37

Instrument :
MSVOA_Y
ClientSampleId :
GT-08-(25-30)

Tgt Ion: 75 Resp: 40001
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 112.279 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008523.D
Acq: 27 Apr 2022 13:37

Tgt Ion: 75 Resp: 40001
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 4.0 37.0 55.4#

