

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041322\
 Data File : VY008316.D
 Acq On : 13 Apr 2022 16:37
 Operator : KP/MD
 Sample : N2381-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 26572

Quant Time: Apr 14 05:57:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

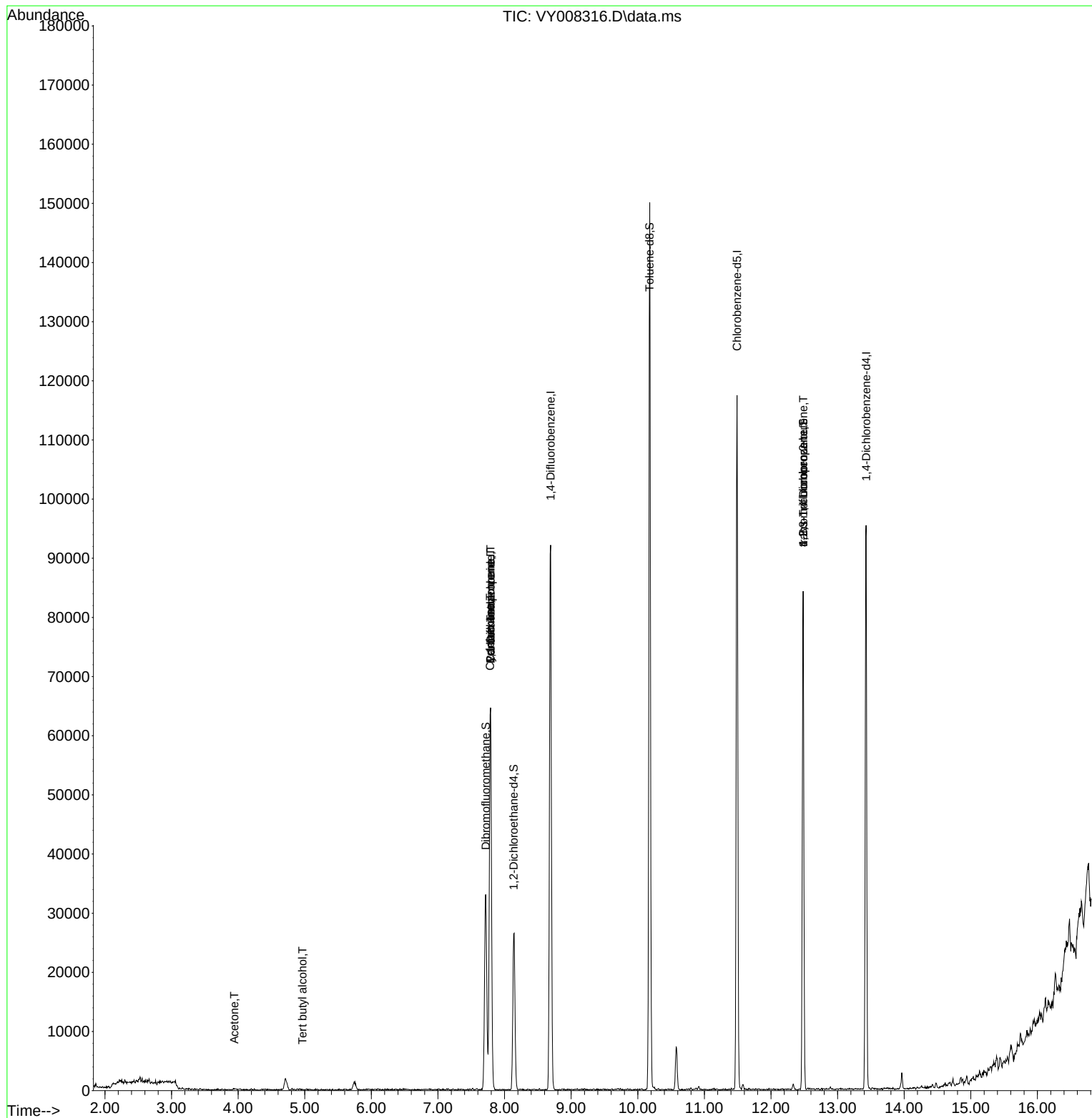
Internal Standards						
1) Pentafluorobenzene	7.789	168	51836	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	84421	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	66846	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	24247	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	20865	42.852	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.700%
35) Dibromofluoromethane	7.716	113	23625	48.451	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.900%
50) Toluene-d8	10.179	98	96962	58.114	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	116.220%
62) 4-Bromofluorobenzene	12.483	95	25369	40.425	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.860%
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	140	Below Cal	#	44
5) Bromomethane	2.668	94	91	Below Cal	#	68
11) Tert butyl alcohol	4.966	59	67	1.287	ug/l #	77
16) Acetone	3.942	43	274	2.340	ug/l #	47
18) Methyl Acetate	4.460	43	38	Below Cal	#	56
20) Methylene Chloride	4.704	84	1547	Below Cal	#	86
31) Cyclohexane	7.783	56	1152	1.308	ug/l #	40
36) 1,1-Dichloropropene	7.789	75	4010	5.150	ug/l #	49
38) Carbon Tetrachloride	7.789	117	4890	5.838	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	13041	48.630	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	13041	108.809	ug/l #	7

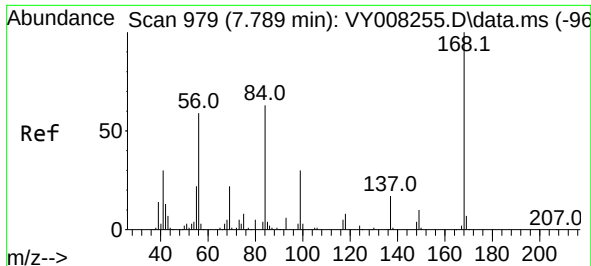
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041322\
Data File : VY008316.D
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26572

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 08 16:02:50 2022
Response via : Initial Calibration

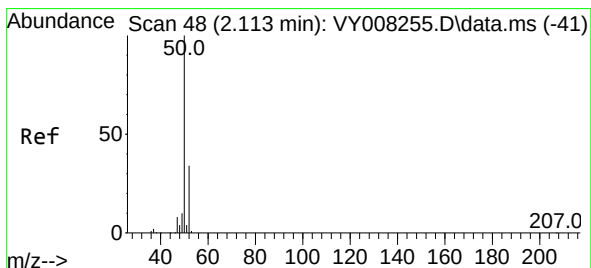
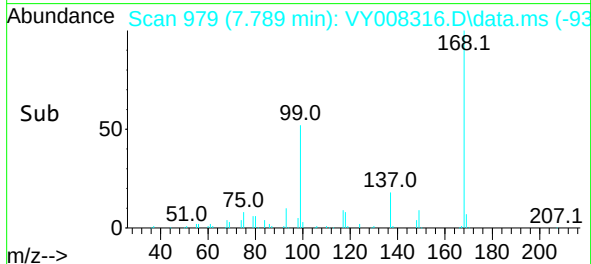
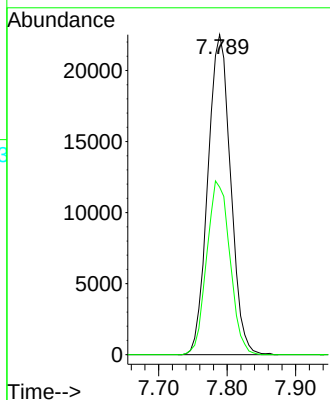
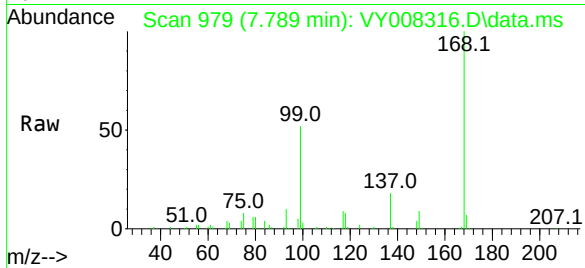




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008316.D
Acq: 13 Apr 2022 16:37

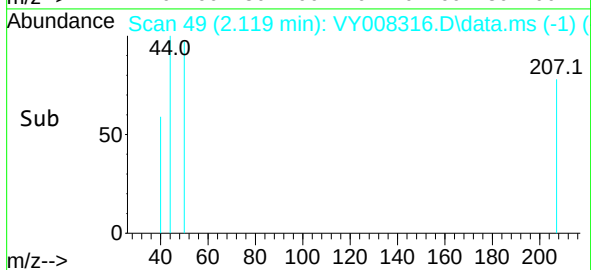
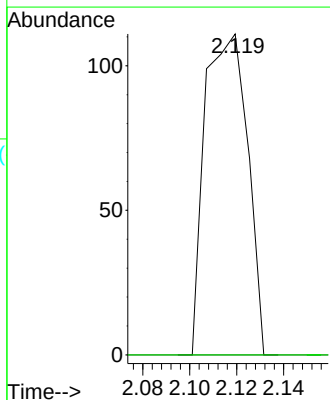
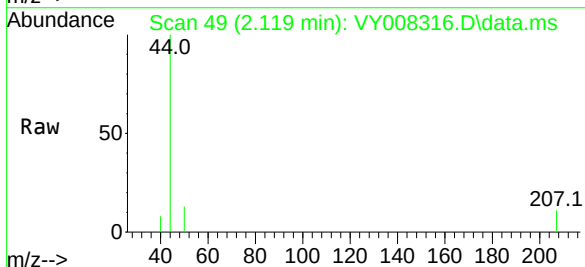
Instrument :
MSVOA_Y
ClientSampleId :
26572

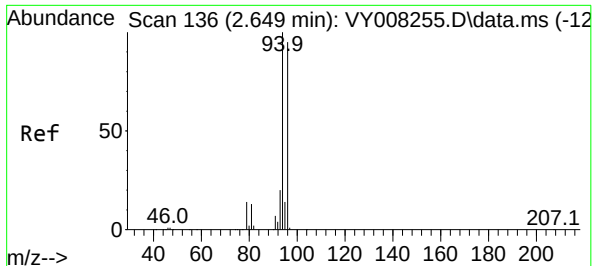
Tgt Ion:168 Resp: 51836
Ion Ratio Lower Upper
168 100
99 52.4 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY008316.D
Acq: 13 Apr 2022 16:37

Tgt Ion: 50 Resp: 140
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

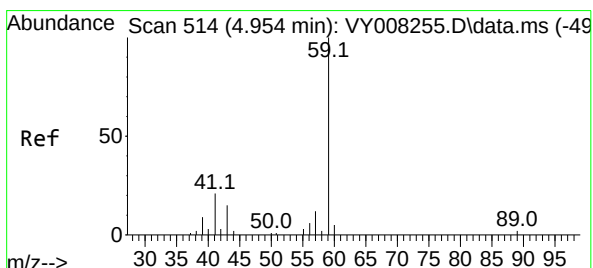
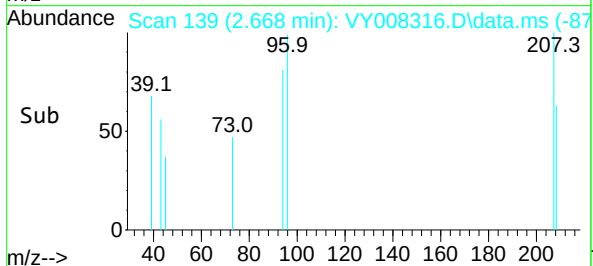
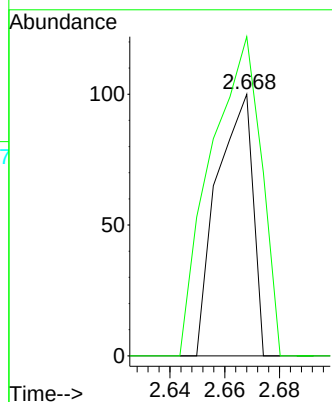
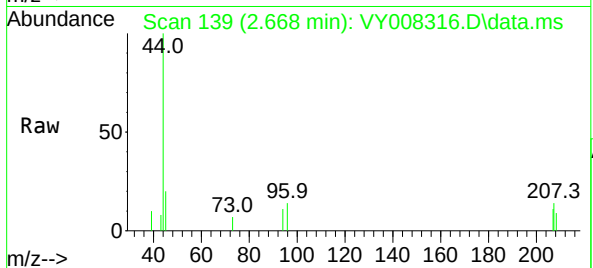




#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY008316.D
Acq: 13 Apr 2022 16:37

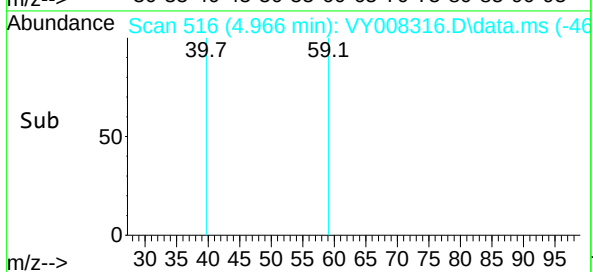
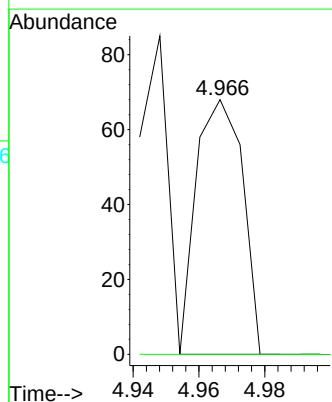
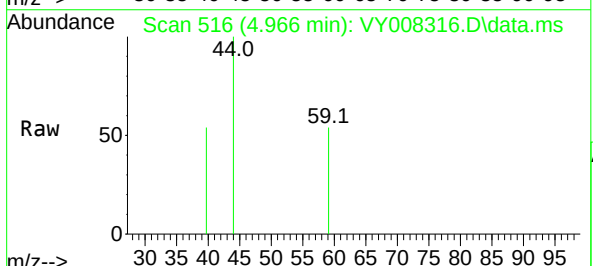
Instrument :
MSVOA_Y
ClientSampleId :
26572

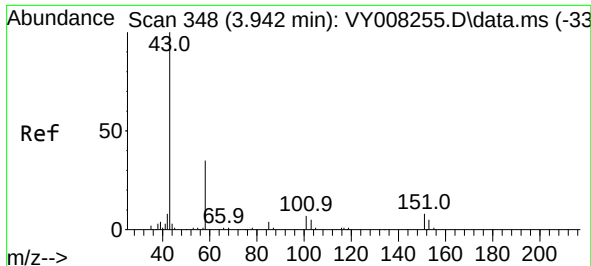
Tgt Ion: 94 Resp: 91
Ion Ratio Lower Upper
94 100
96 122.0 73.5 110.3#



#11
Tert butyl alcohol
Concen: 1.287 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.012 min
Lab File: VY008316.D
Acq: 13 Apr 2022 16:37

Tgt Ion: 59 Resp: 67
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#16

Acetone

Concen: 2.340 ug/l

RT: 3.942 min Scan# 34

Delta R.T. 0.000 min

Lab File: VY008316.D

Acq: 13 Apr 2022 16:37

Instrument :

MSVOA_Y

ClientSampleId :

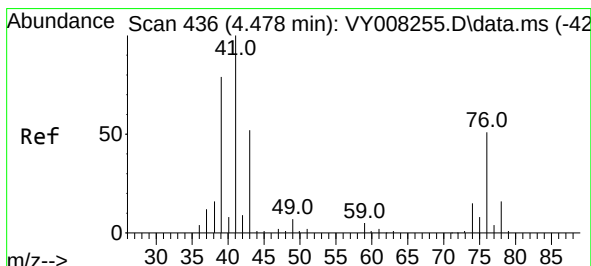
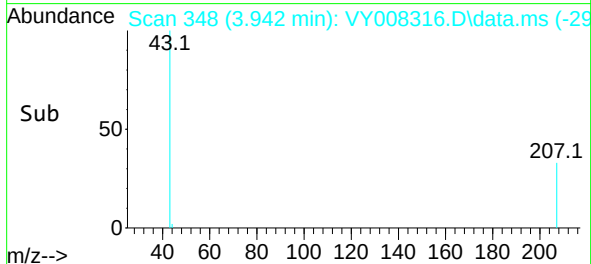
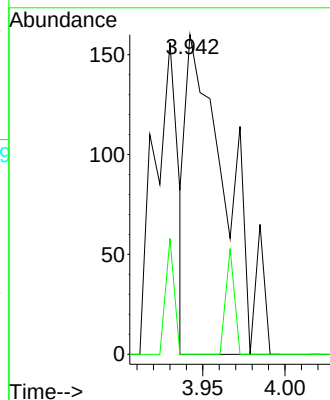
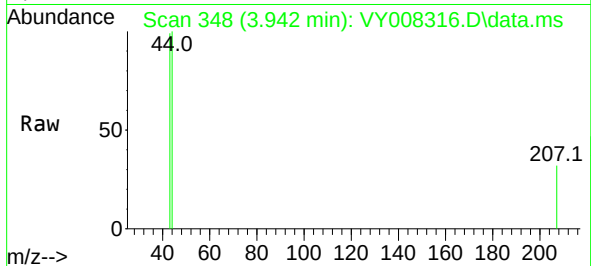
26572

Tgt Ion: 43 Resp: 274

Ion Ratio Lower Upper

43 100

58 0.0 22.0 33.0#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.460 min Scan# 433

Delta R.T. -0.018 min

Lab File: VY008316.D

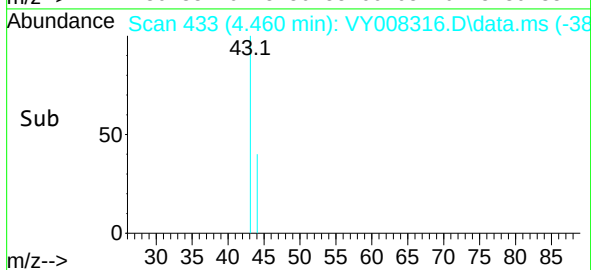
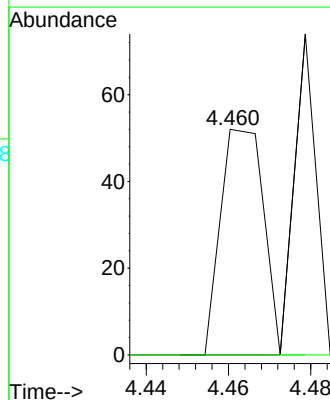
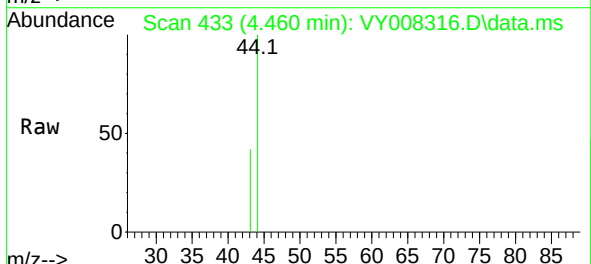
Acq: 13 Apr 2022 16:37

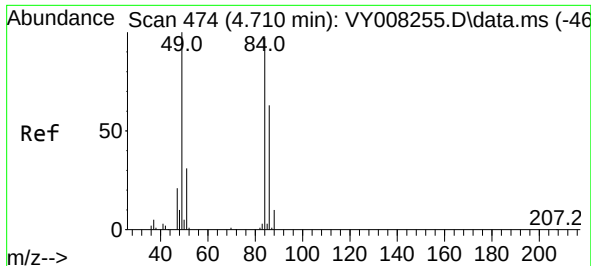
Tgt Ion: 43 Resp: 38

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



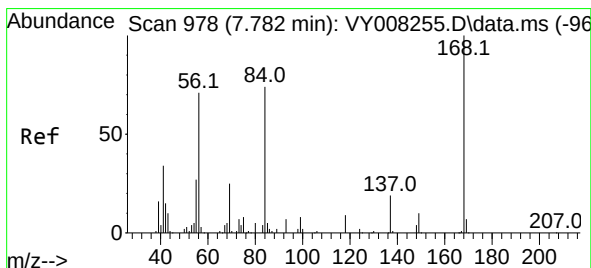
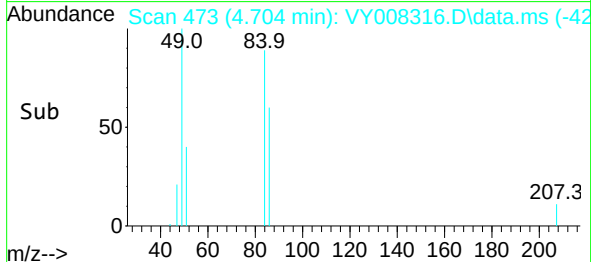
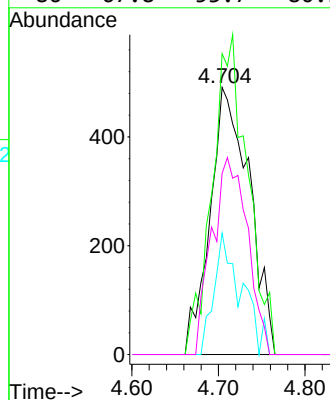
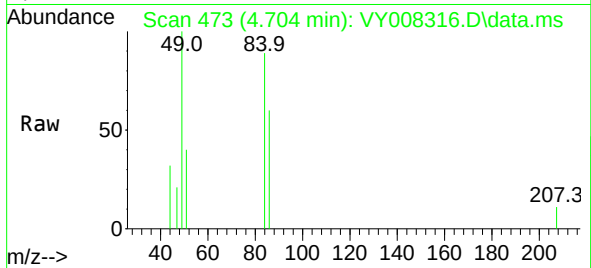


#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY008316.D
Acq: 13 Apr 2022 16:37

Instrument :
MSVOA_Y
ClientSampleId :
26572

Tgt Ion: 84 Resp: 1547

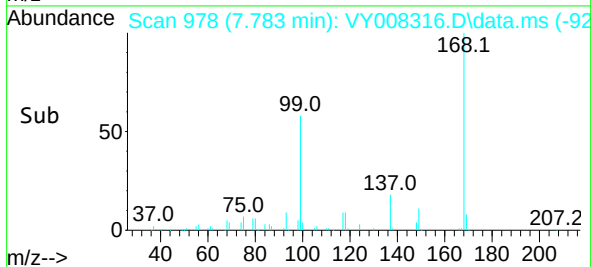
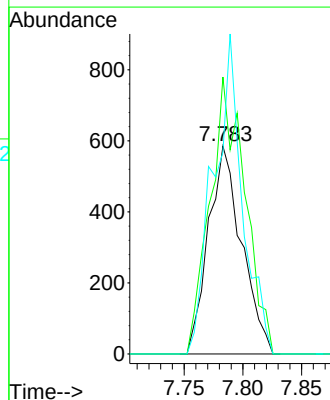
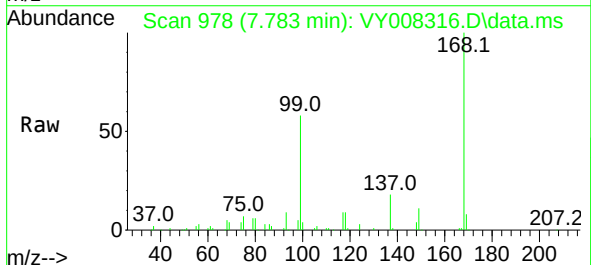
Ion	Ratio	Lower	Upper
84	100		
49	112.6	114.4	171.6#
51	45.4	35.3	52.9
86	67.8	53.7	80.5

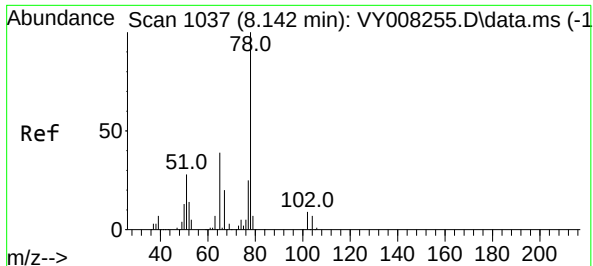


#31
Cyclohexane
Concen: 1.308 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.001 min
Lab File: VY008316.D
Acq: 13 Apr 2022 16:37

Tgt Ion: 56 Resp: 1152

Ion	Ratio	Lower	Upper
56	100		
69	133.3	26.7	40.1#
84	97.1	67.2	100.8





#33

1,2-Dichloroethane-d4

Concen: 42.852 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.005 min

Lab File: VY008316.D

Acq: 13 Apr 2022 16:37

Instrument :

MSVOA_Y

ClientSampleId :

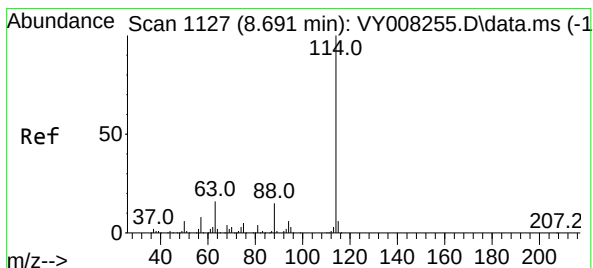
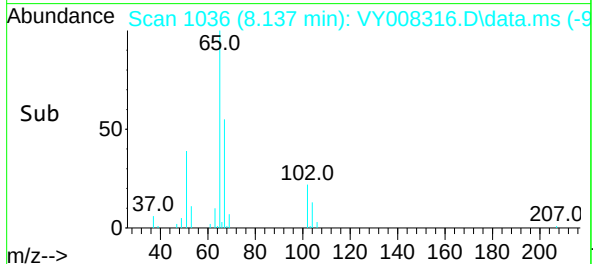
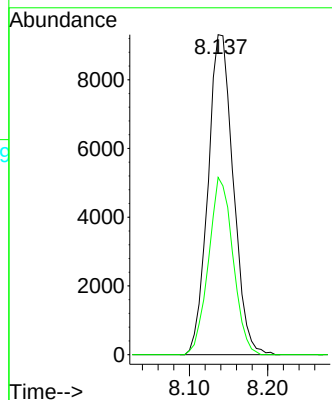
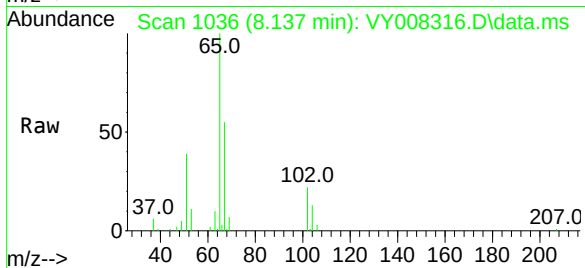
26572

Tgt Ion: 65 Resp: 20865

Ion Ratio Lower Upper

65 100

67 53.5 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: VY008316.D

Acq: 13 Apr 2022 16:37

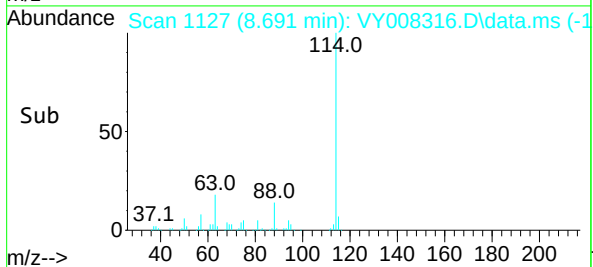
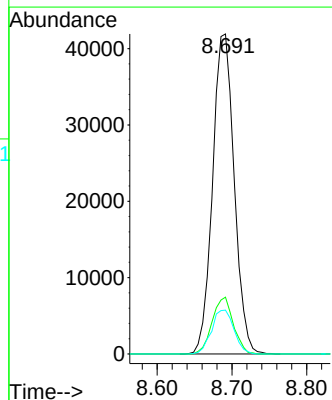
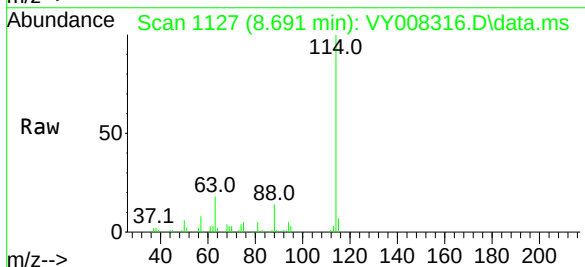
Tgt Ion: 114 Resp: 84421

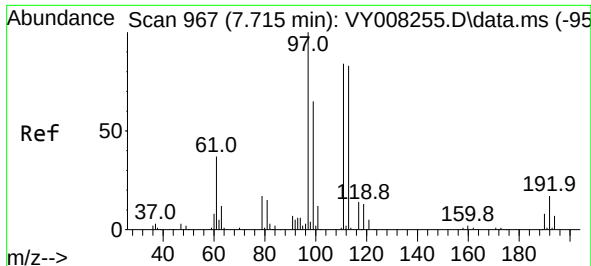
Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

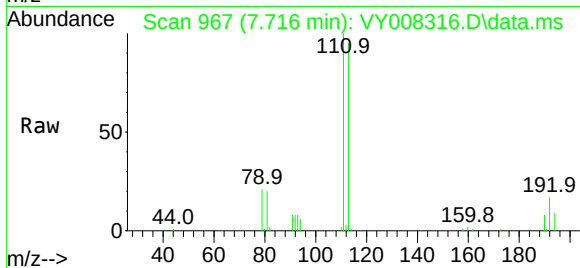
88 13.7 0.0 31.8



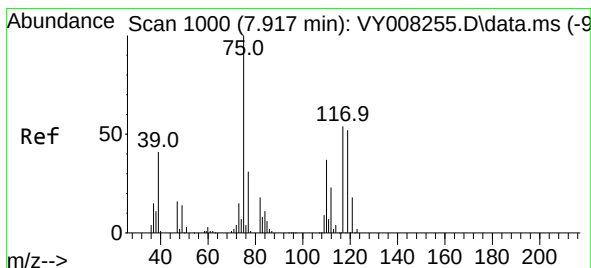
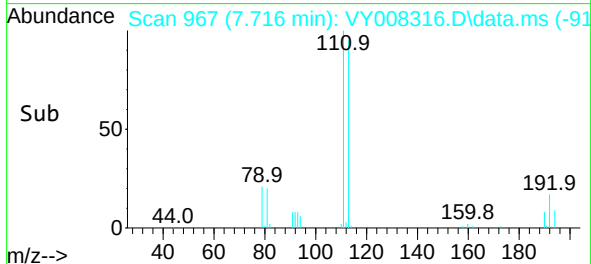
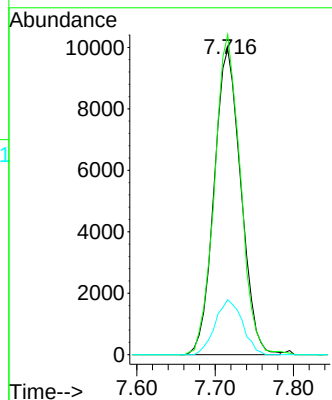


#35
Dibromofluoromethane
Concen: 48.451 ug/l
RT: 7.716 min Scan# 910
Delta R.T. 0.001 min
Lab File: VY008316.D
Acq: 13 Apr 2022 16:37

Instrument :
MSVOA_Y
ClientSampleId :
26572

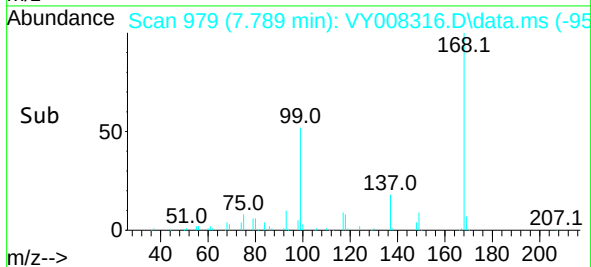
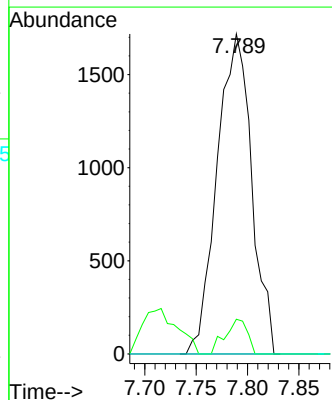
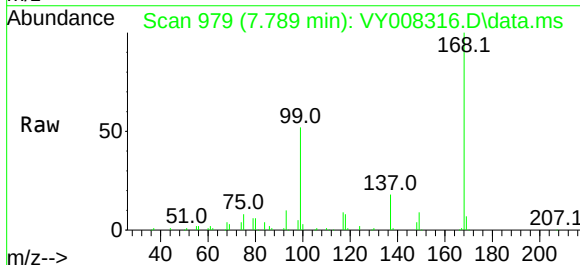


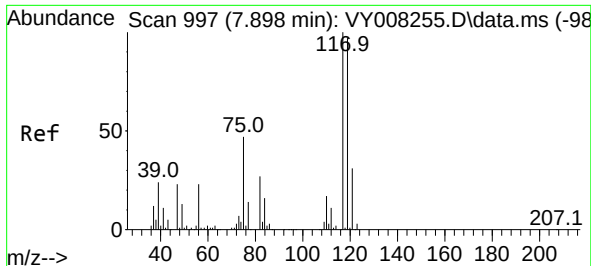
Tgt Ion:113 Resp: 23625
Ion Ratio Lower Upper
113 100
111 101.4 82.6 124.0
192 18.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.150 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008316.D
Acq: 13 Apr 2022 16:37

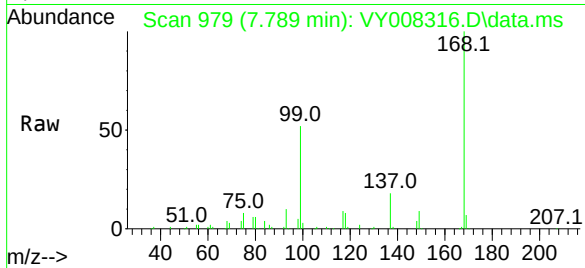
Tgt Ion: 75 Resp: 4010
Ion Ratio Lower Upper
75 100
110 6.9 17.1 51.2#
77 0.0 24.4 36.6#



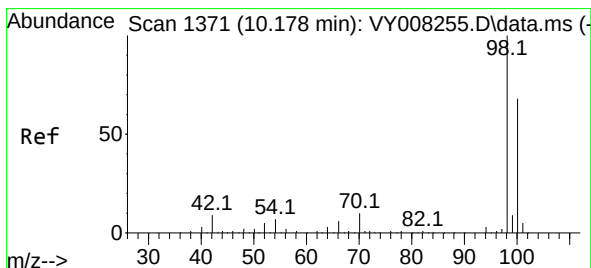
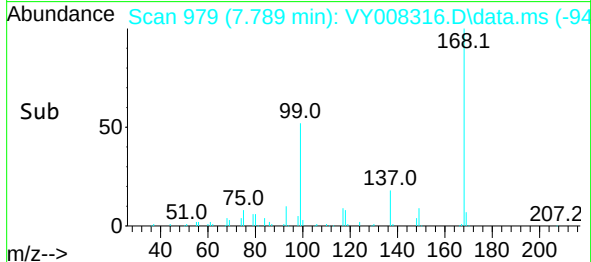
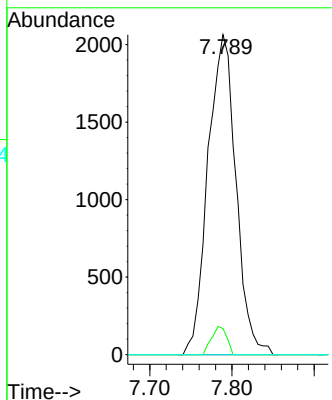


#38
Carbon Tetrachloride
Concen: 5.838 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY008316.D
Acq: 13 Apr 2022 16:37

Instrument :
MSVOA_Y
ClientSampleId :
26572

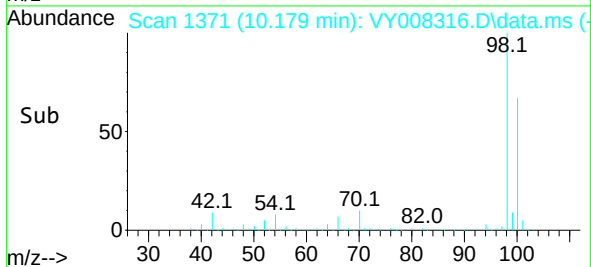
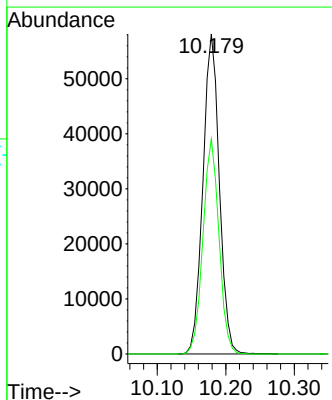
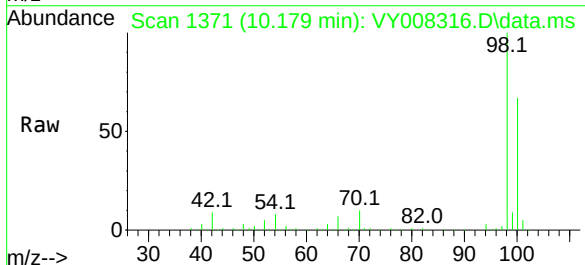


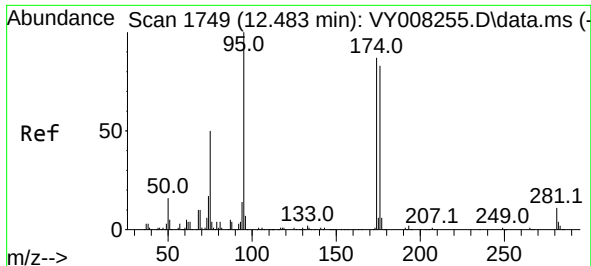
Tgt Ion:117 Resp: 4890
Ion Ratio Lower Upper
117 100
119 8.1 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 58.114 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY008316.D
Acq: 13 Apr 2022 16:37

Tgt Ion: 98 Resp: 96962
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2

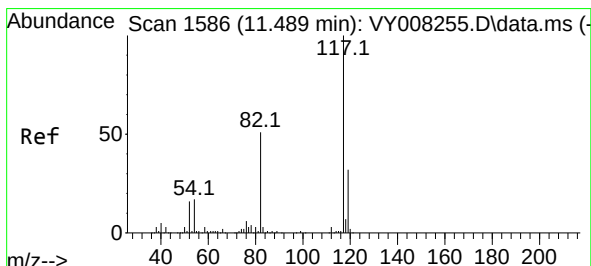
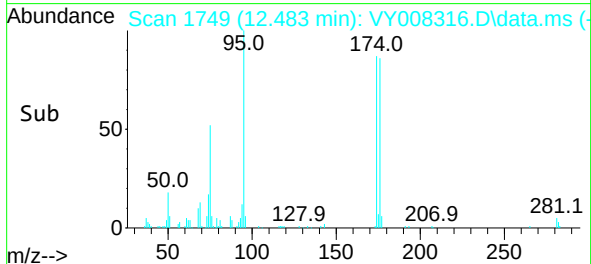
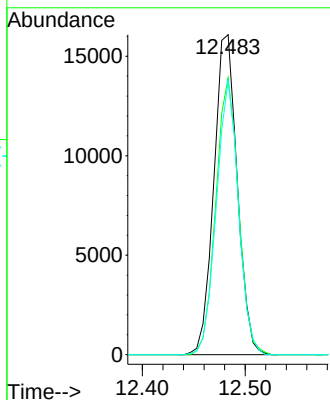
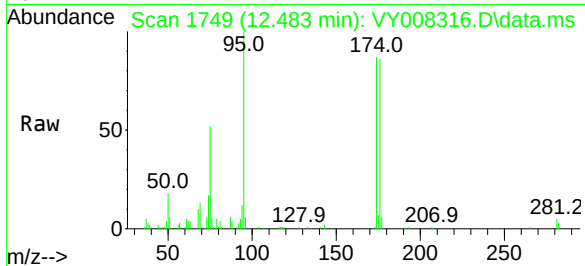




#62
4-Bromofluorobenzene
Concen: 40.425 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008316.D
Acq: 13 Apr 2022 16:37

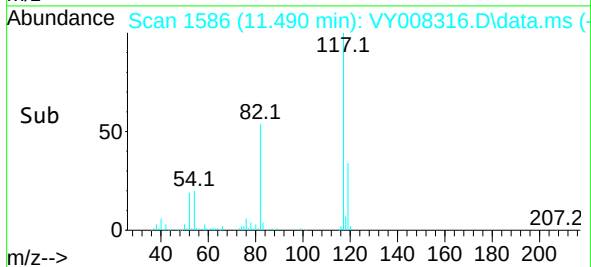
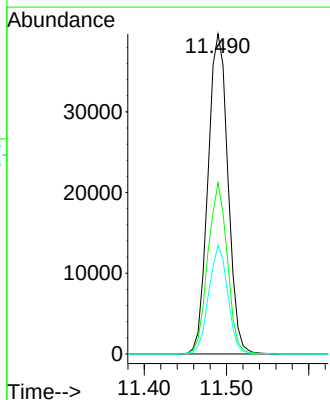
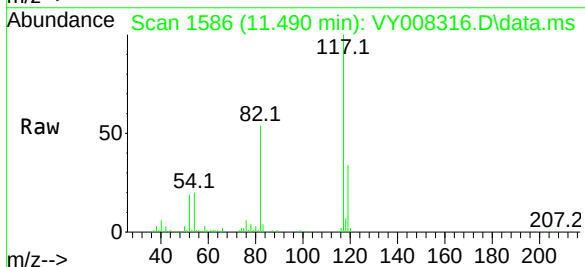
Instrument :
MSVOA_Y
ClientSampleId :
26572

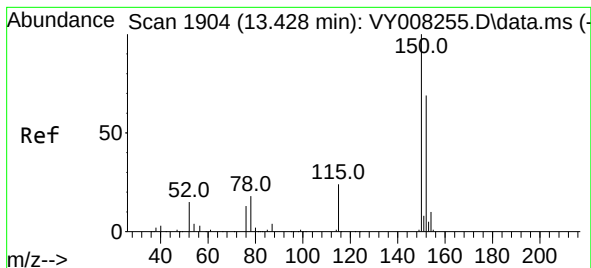
Tgt Ion: 95 Resp: 25369
Ion Ratio Lower Upper
95 100
174 83.9 0.0 177.0
176 80.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008316.D
Acq: 13 Apr 2022 16:37

Tgt Ion: 117 Resp: 66846
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 34.0 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: VY008316.D

Acq: 13 Apr 2022 16:37

Instrument :

MSVOA_Y

ClientSampleId :

26572

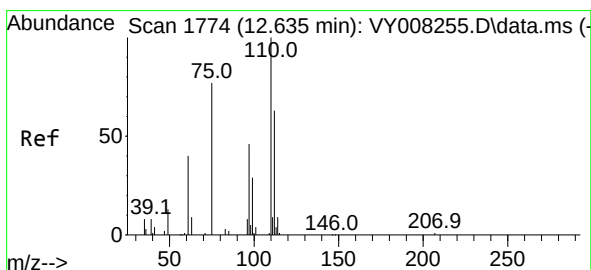
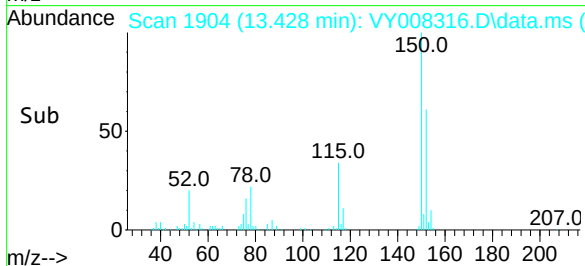
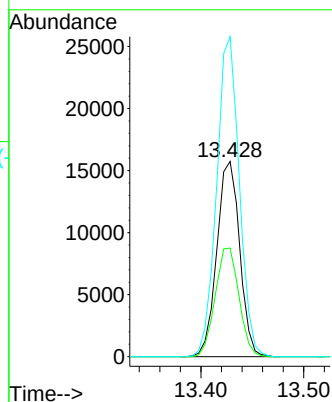
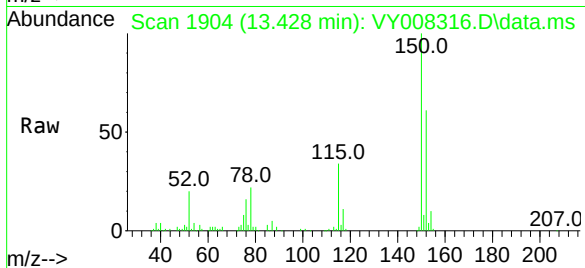
Tgt Ion:152 Resp: 24247

Ion Ratio Lower Upper

152 100

115 57.8 28.2 84.7

150 162.3 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 48.630 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY008316.D

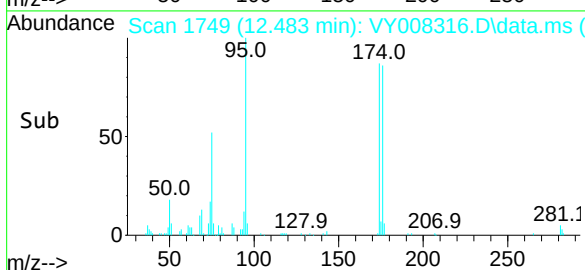
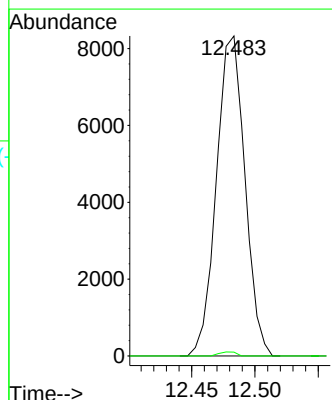
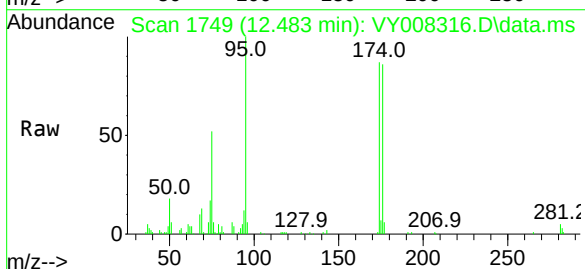
Acq: 13 Apr 2022 16:37

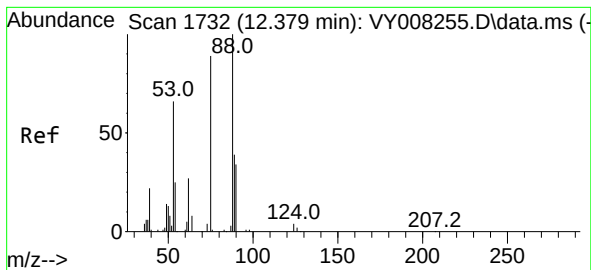
Tgt Ion: 75 Resp: 13041

Ion Ratio Lower Upper

75 100

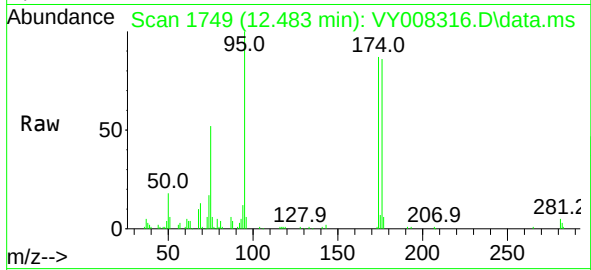
77 0.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.809 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008316.D
 Acq: 13 Apr 2022 16:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 26572



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.0	37.0	55.4#

