

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022422\
 Data File : VY007624.D
 Acq On : 24 Feb 2022 17:50
 Operator : SY/MD
 Sample : N1584-04
 Misc : 5.94g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 25 05:43:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 24 07:13:58 2022
 Response via : Initial Calibration

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

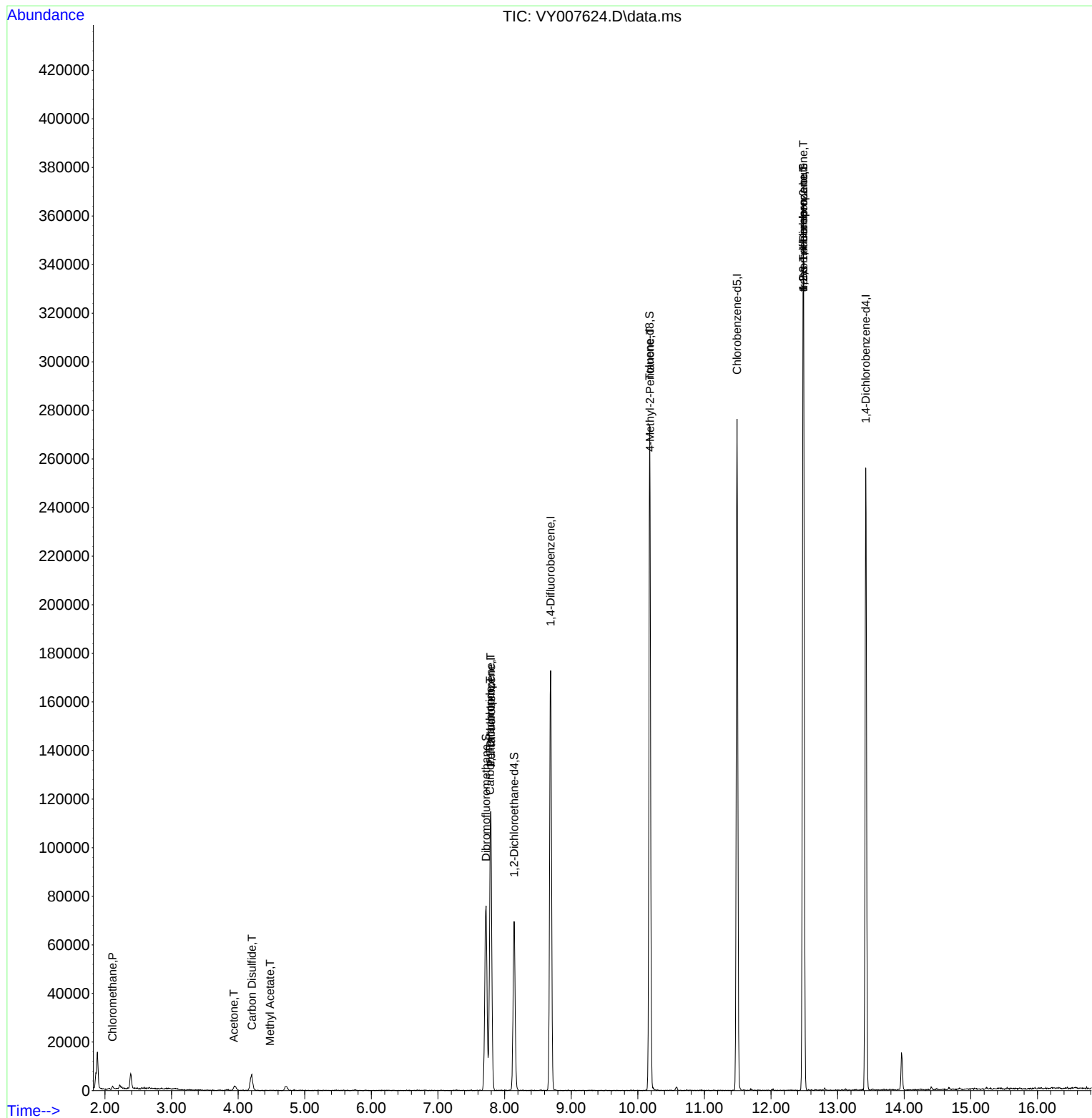
Internal Standards						
1) Pentafluorobenzene	7.795	168	90851	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	155183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	151286	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	64695	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	52755	52.198	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.400%	
35) Dibromofluoromethane	7.722	113	50425	51.497	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.000%	
50) Toluene-d8	10.179	98	180669	49.880	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.760%	
62) 4-Bromofluorobenzene	12.483	95	63613	51.378	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.760%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	786	1.451	ug/l #	74
5) Bromomethane	2.668	94	221	Below Cal	#	48
16) Acetone	3.936	43	3119	13.551	ug/l	97
17) Carbon Disulfide	4.204	76	13208	5.179	ug/l	99
18) Methyl Acetate	4.479	43	131	1.500	ug/l #	56
20) Methylene Chloride	4.704	84	693	Below Cal	#	53
31) Cyclohexane	7.783	56	2019	Below Cal	#	40
36) 1,1-Dichloropropene	7.789	75	6315	4.475	ug/l #	55
38) Carbon Tetrachloride	7.783	117	9111	4.409	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	690	1.057	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	37907	58.585	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	37907	125.967	ug/l #	8

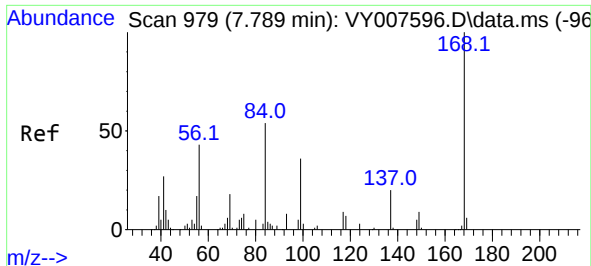
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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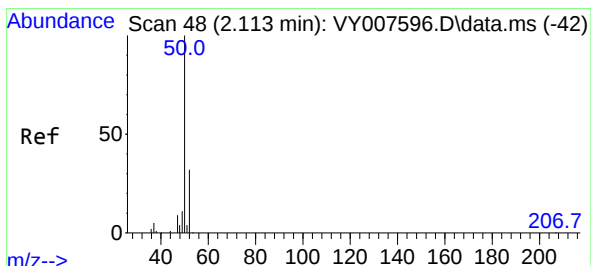
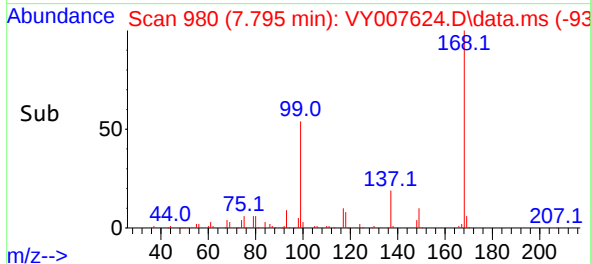
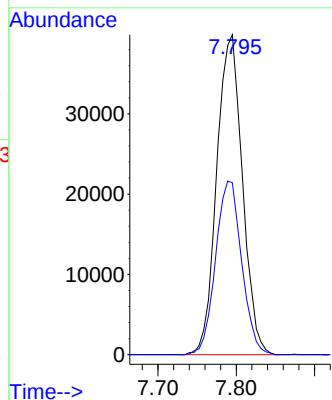
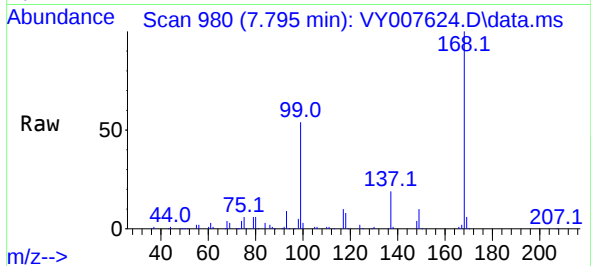




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007624.D
Acq: 24 Feb 2022 17:50

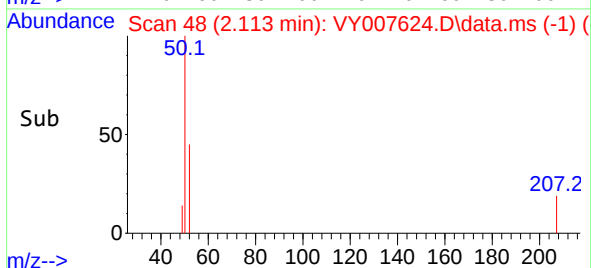
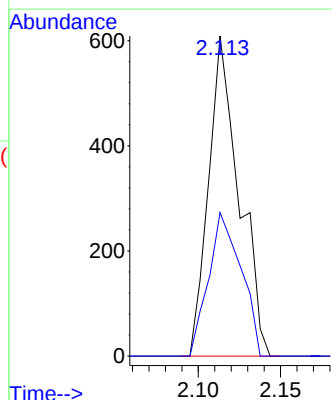
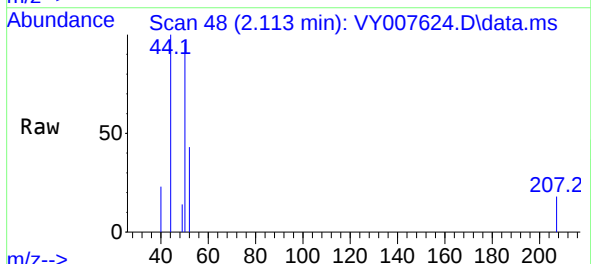
Instrument :
MSVOA_Y
ClientSampleId :

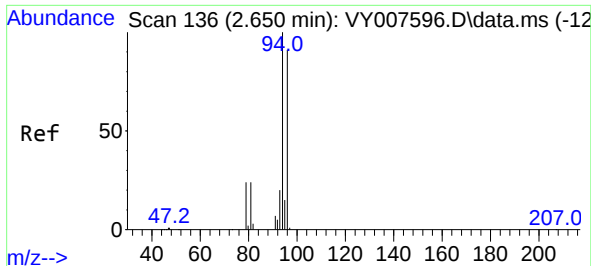
Tgt Ion:168 Resp: 90851
Ion Ratio Lower Upper
168 100
99 53.7 46.9 70.3



#3
Chloromethane
Concen: 1.451 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007624.D
Acq: 24 Feb 2022 17:50

Tgt Ion: 50 Resp: 786
Ion Ratio Lower Upper
50 100
52 44.8 24.6 37.0#

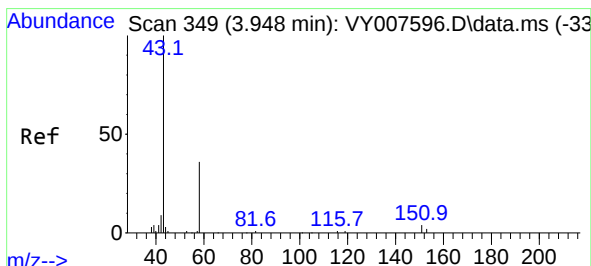
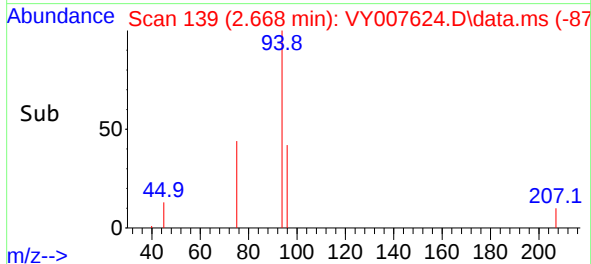
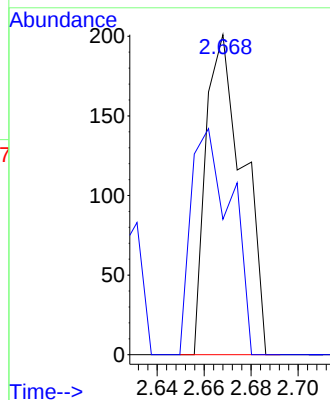
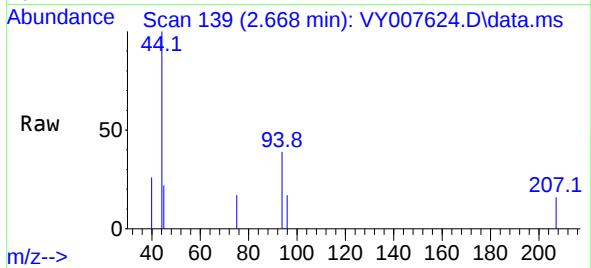




#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY007624.D
Acq: 24 Feb 2022 17:50

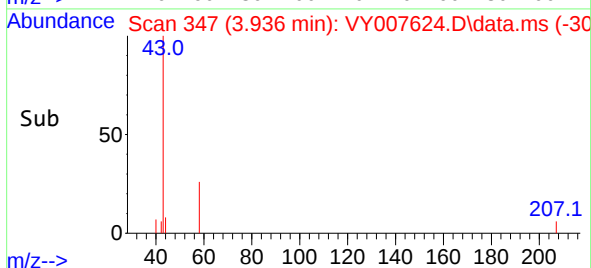
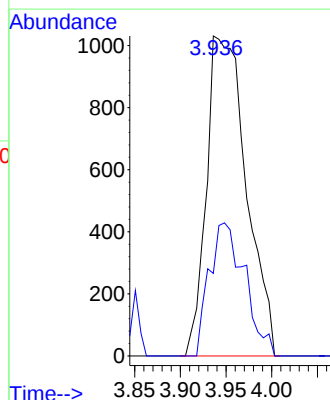
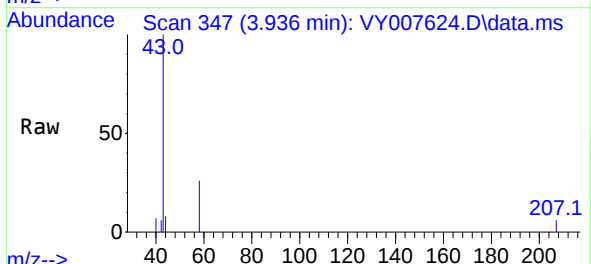
Instrument :
MSVOA_Y
ClientSampleId :

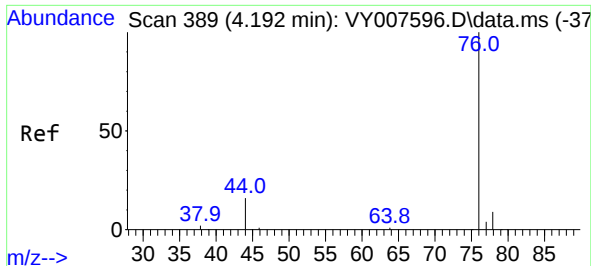
Tgt Ion: 94 Resp: 221
Ion Ratio Lower Upper
94 100
96 42.3 73.5 110.3#



#16
Acetone
Concen: 13.551 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY007624.D
Acq: 24 Feb 2022 17:50

Tgt Ion: 43 Resp: 3119
Ion Ratio Lower Upper
43 100
58 25.8 22.0 33.0





#17

Carbon Disulfide

Concen: 5.179 ug/l

RT: 4.204 min Scan# 391

Delta R.T. 0.012 min

Lab File: VY007624.D

Acq: 24 Feb 2022 17:50

Instrument :

MSVOA_Y

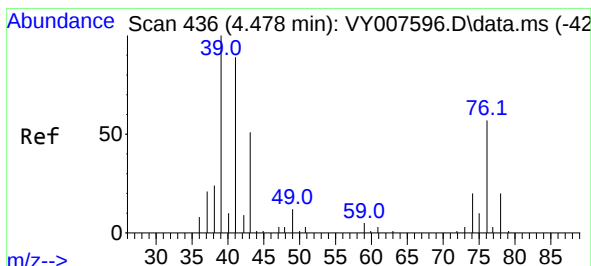
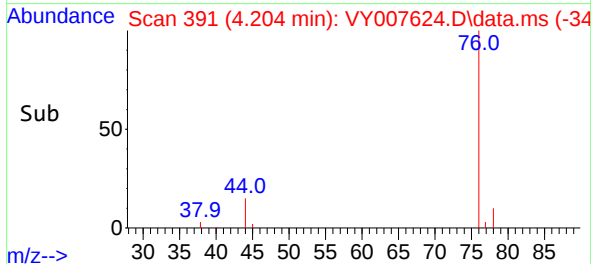
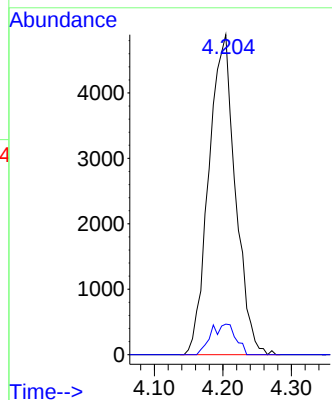
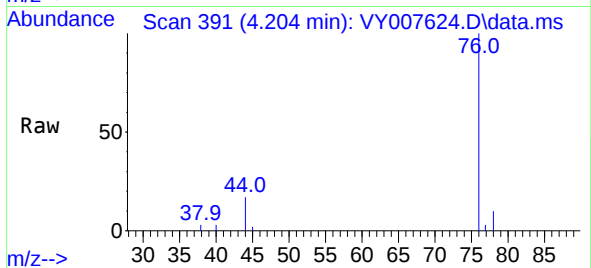
ClientSampleId :

Tgt Ion: 76 Resp: 13208

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.0



#18

Methyl Acetate

Concen: 1.500 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.001 min

Lab File: VY007624.D

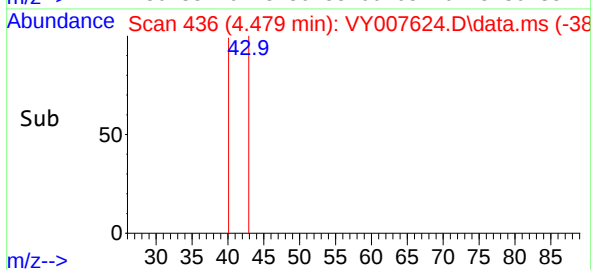
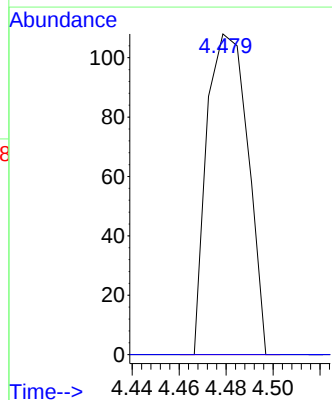
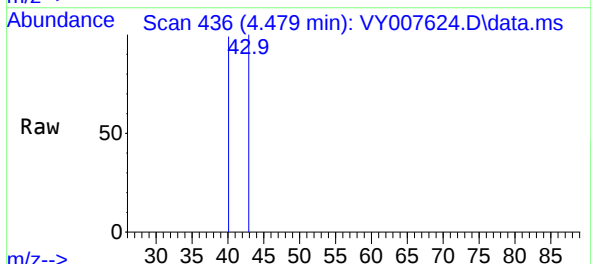
Acq: 24 Feb 2022 17:50

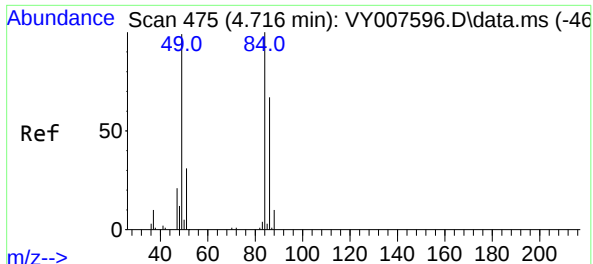
Tgt Ion: 43 Resp: 131

Ion Ratio Lower Upper

43 100

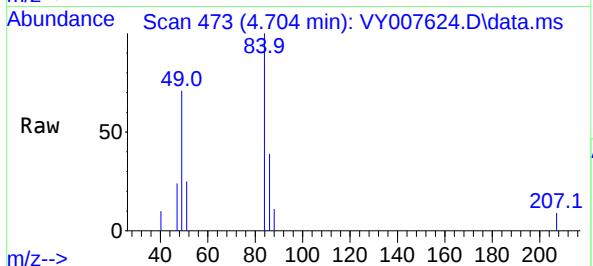
74 0.0 16.6 24.8#





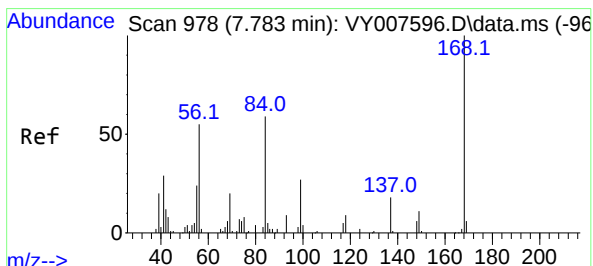
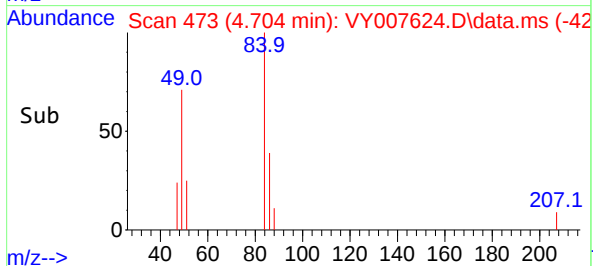
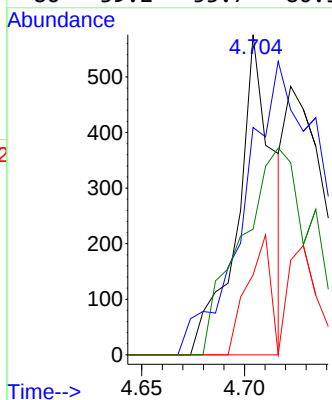
#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY007624.D
Acq: 24 Feb 2022 17:50

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 693

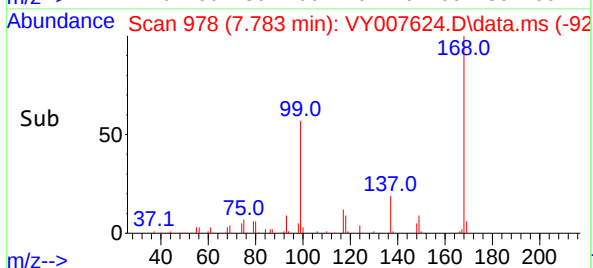
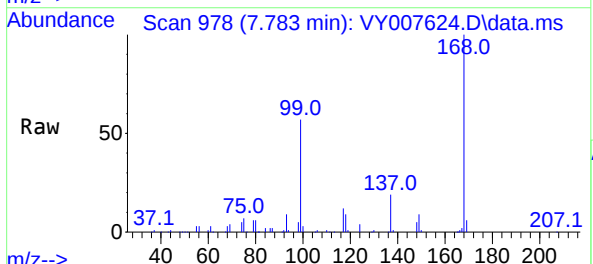
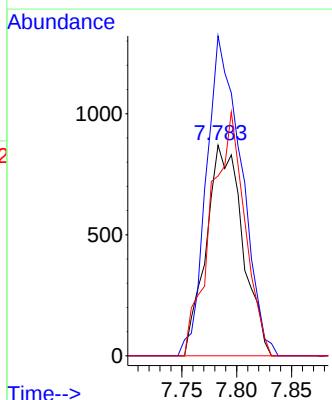
Ion	Ratio	Lower	Upper
84	100		
49	71.0	114.4	171.6#
51	25.0	35.3	52.9#
86	39.2	53.7	80.5#

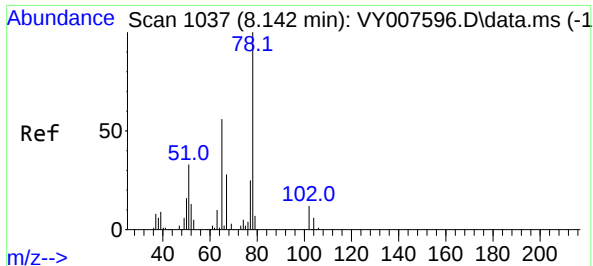


#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY007624.D
Acq: 24 Feb 2022 17:50

Tgt Ion: 56 Resp: 2019

Ion	Ratio	Lower	Upper
56	100		
69	151.8	26.7	40.1#
84	85.4	67.2	100.8





#33

1,2-Dichloroethane-d4

Concen: 52.198 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.001 min

Lab File: VY007624.D

Acq: 24 Feb 2022 17:50

Instrument :

MSVOA_Y

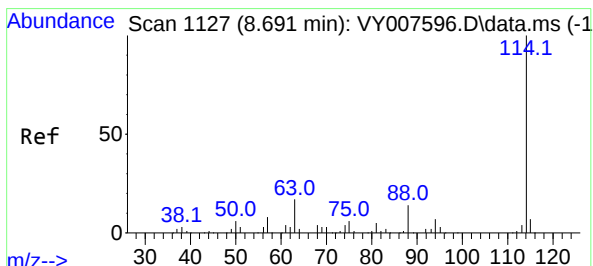
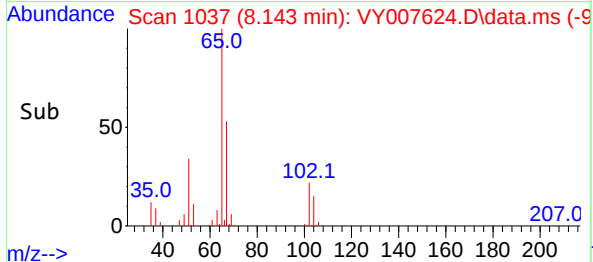
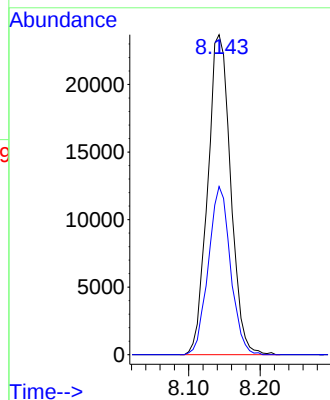
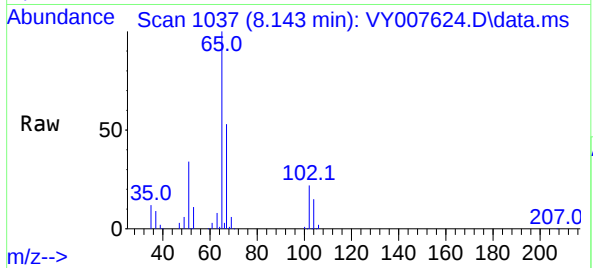
ClientSampleId :

Tgt Ion: 65 Resp: 52755

Ion Ratio Lower Upper

65 100

67 50.7 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: VY007624.D

Acq: 24 Feb 2022 17:50

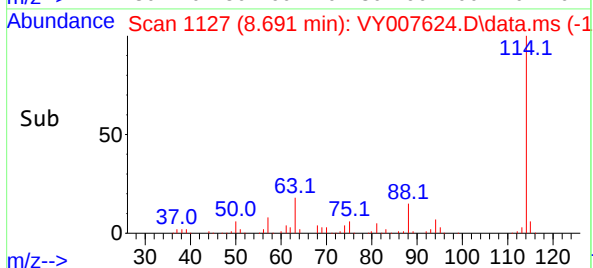
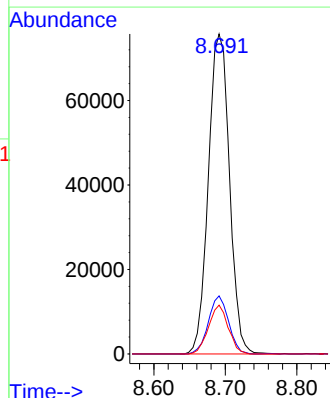
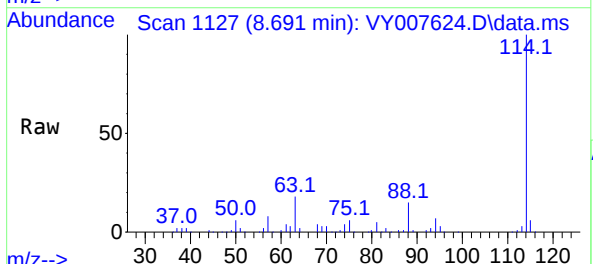
Tgt Ion: 114 Resp: 155183

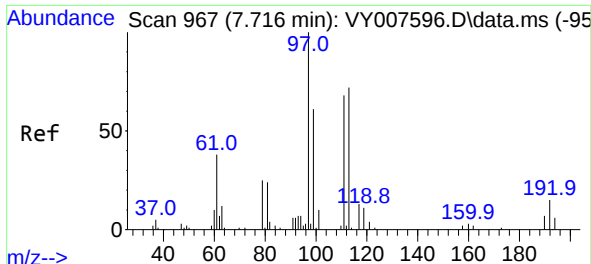
Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

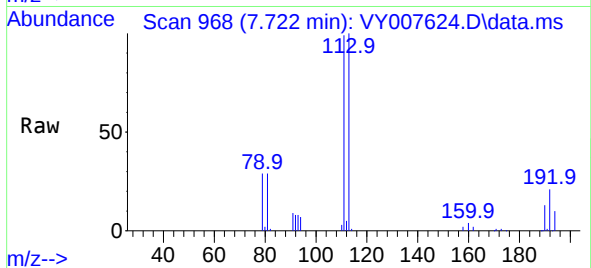
88 15.3 0.0 31.8



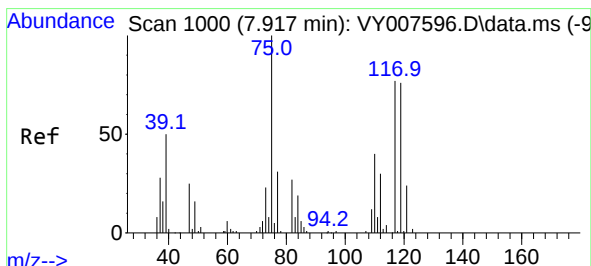
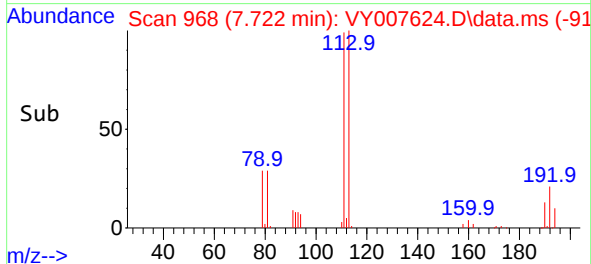
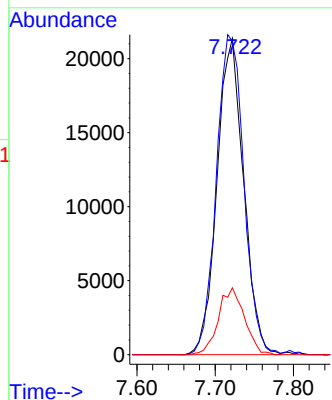


#35
Dibromofluoromethane
Concen: 51.497 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY007624.D
Acq: 24 Feb 2022 17:50

Instrument :
MSVOA_Y
ClientSampleId :

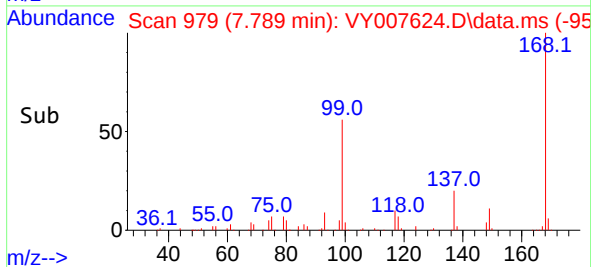
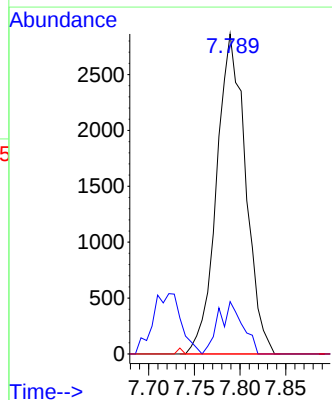
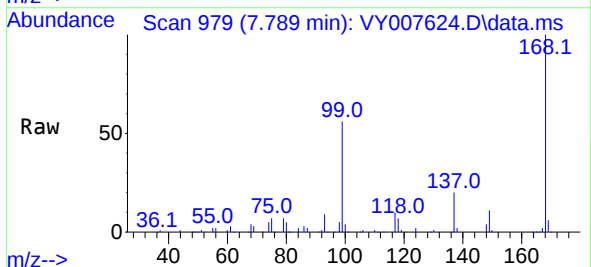


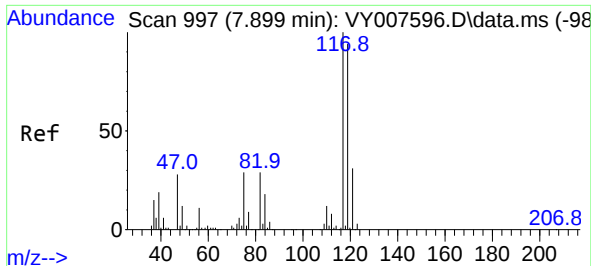
Tgt Ion:113 Resp: 50425
Ion Ratio Lower Upper
113 100
111 104.5 82.6 124.0
192 20.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.475 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007624.D
Acq: 24 Feb 2022 17:50

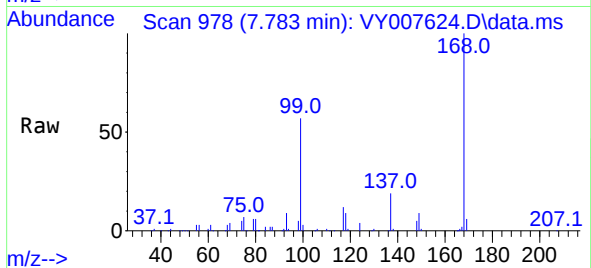
Tgt Ion: 75 Resp: 6315
Ion Ratio Lower Upper
75 100
110 13.6 17.1 51.2#
77 0.0 24.4 36.6#



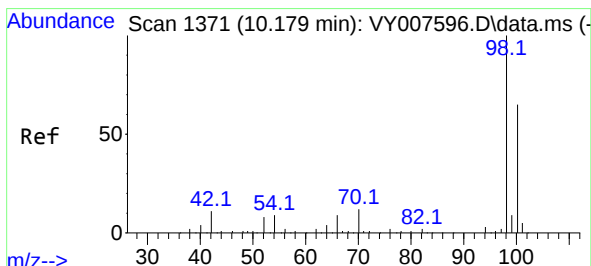
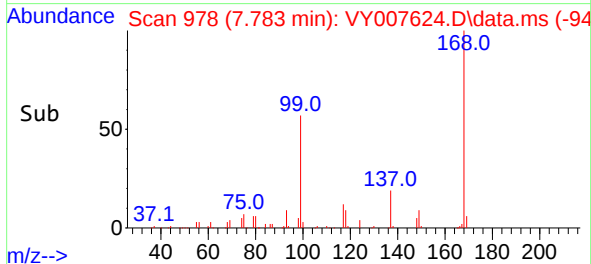
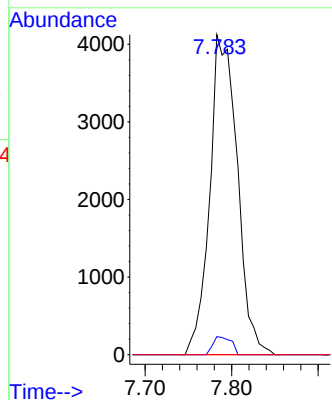


#38
Carbon Tetrachloride
Concen: 4.409 ug/l
RT: 7.783 min Scan# 9111
Delta R.T. -0.116 min
Lab File: VY007624.D
Acq: 24 Feb 2022 17:50

Instrument :
MSVOA_Y
ClientSampleId :

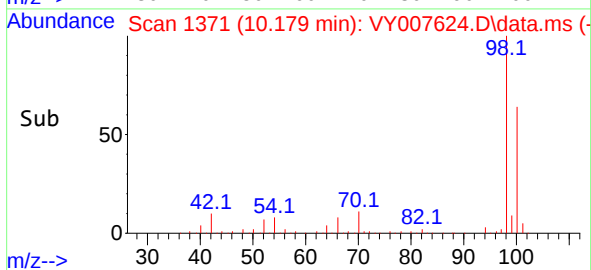
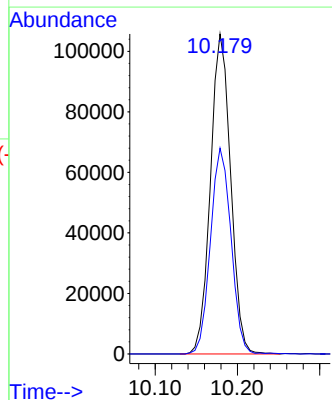
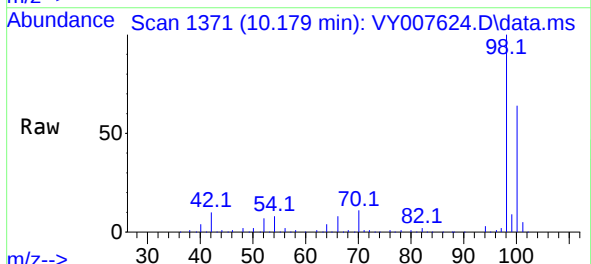


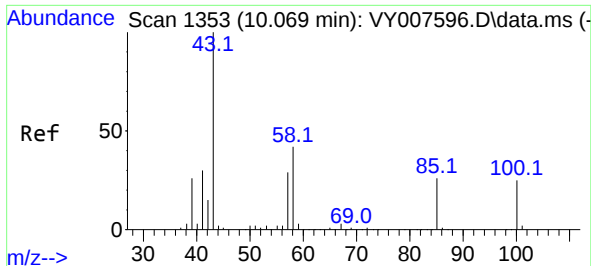
Tgt Ion:117 Resp: 9111
Ion Ratio Lower Upper
117 100
119 5.6 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.880 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007624.D
Acq: 24 Feb 2022 17:50

Tgt Ion: 98 Resp: 180669
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2

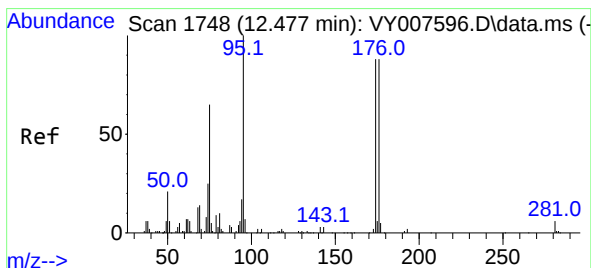
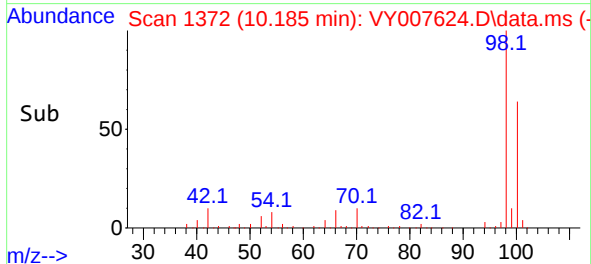
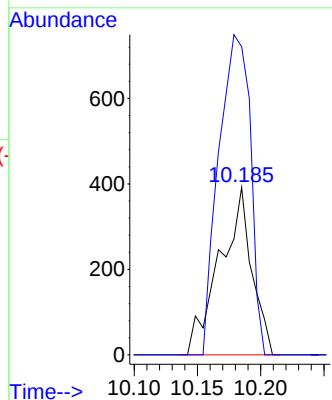
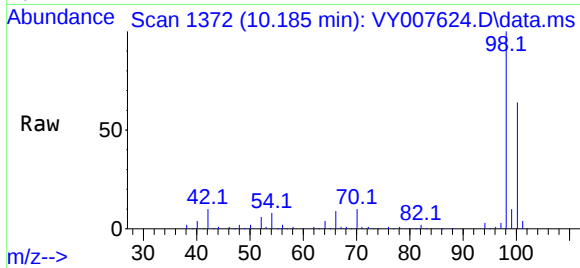




#51
4-Methyl-2-Pentanone
Concen: 1.057 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.116 min
Lab File: VY007624.D
Acq: 24 Feb 2022 17:50

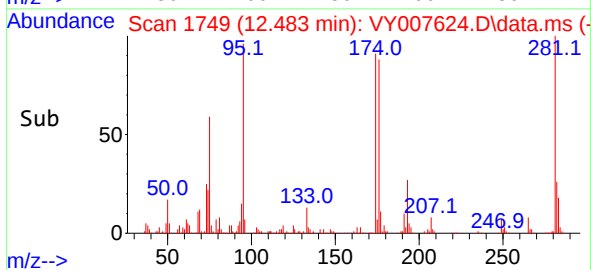
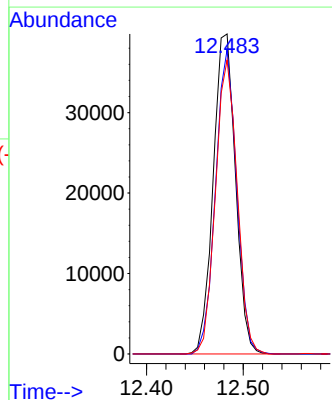
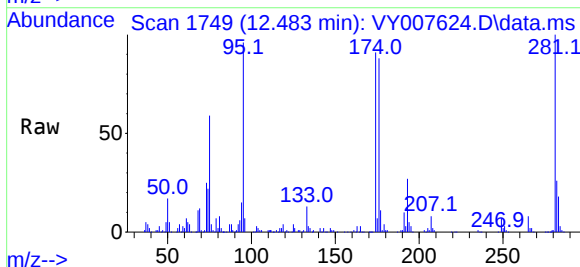
Instrument :
MSVOA_Y
ClientSampleId :

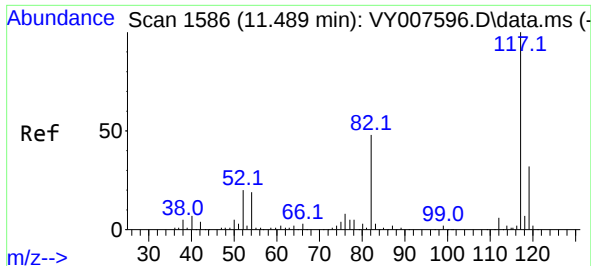
Tgt Ion: 43 Resp: 690
Ion Ratio Lower Upper
43 100
58 188.8 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 51.378 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY007624.D
Acq: 24 Feb 2022 17:50

Tgt Ion: 95 Resp: 63613
Ion Ratio Lower Upper
95 100
174 90.3 0.0 177.0
176 89.2 0.0 175.8

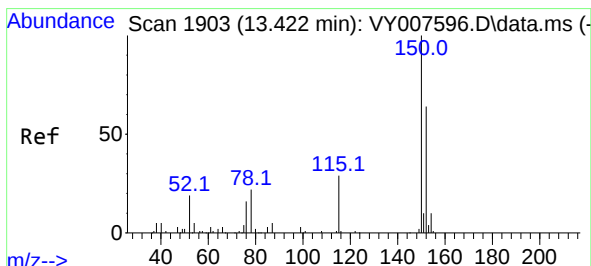
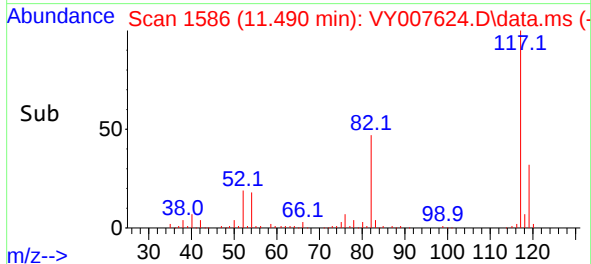
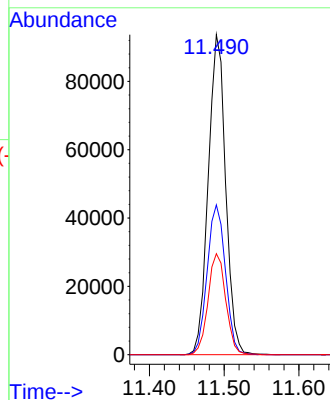
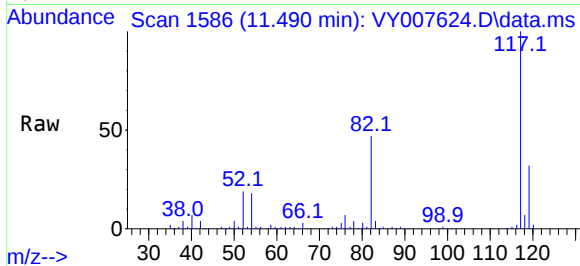




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY007624.D
Acq: 24 Feb 2022 17:50

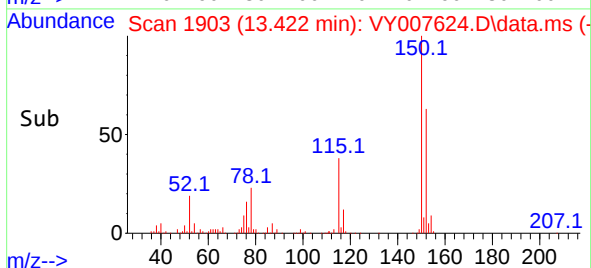
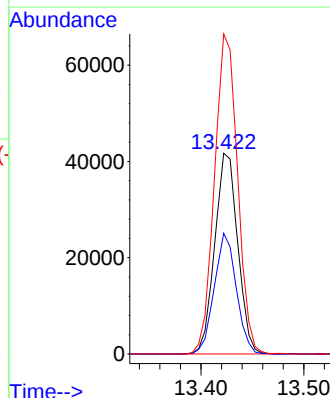
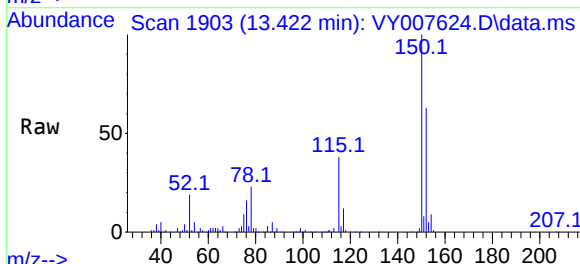
Instrument :
MSVOA_Y
ClientSampleId :

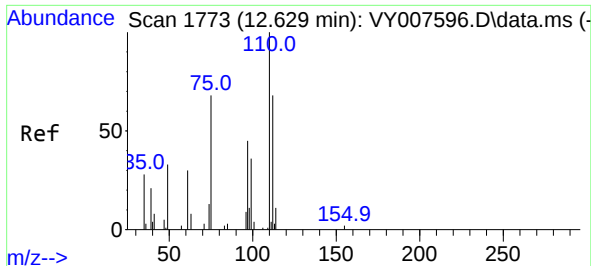
Tgt Ion:117 Resp: 151286
Ion Ratio Lower Upper
117 100
82 46.8 43.0 64.4
119 31.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007624.D
Acq: 24 Feb 2022 17:50

Tgt Ion:152 Resp: 64695
Ion Ratio Lower Upper
152 100
115 57.7 28.2 84.7
150 160.3 0.0 347.6

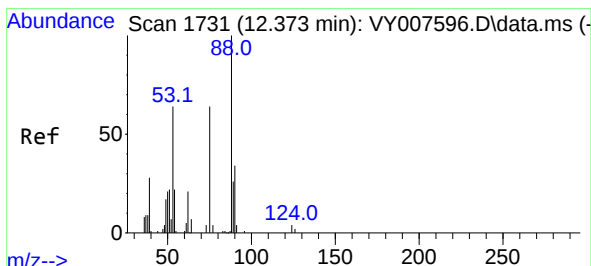
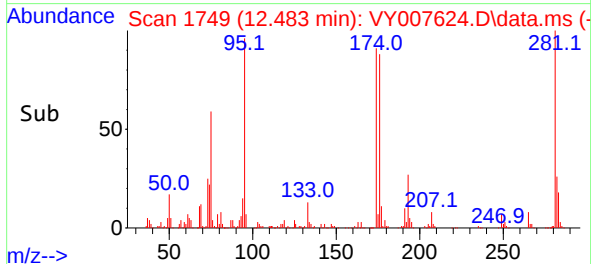
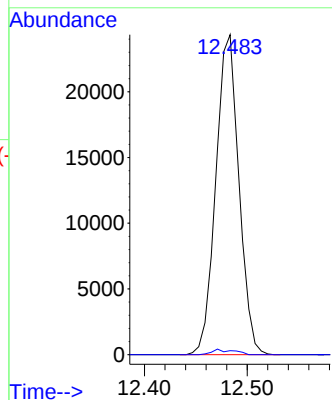
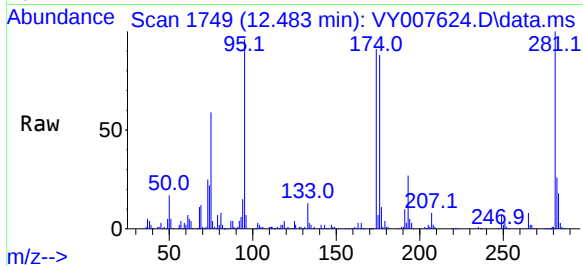




#76
1,2,3-Trichloropropane
Concen: 58.585 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY007624.D
Acq: 24 Feb 2022 17:50

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 37907
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 125.967 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.110 min
Lab File: VY007624.D
Acq: 24 Feb 2022 17:50

Tgt Ion: 75 Resp: 37907
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 2.0 37.0 55.4#

