

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022422\
 Data File : VY007628.D
 Acq On : 24 Feb 2022 19:24
 Operator : SY/MD
 Sample : N1584-03
 Misc : 6.38g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D11-7.5

Quant Time: Feb 25 05:44:29 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)

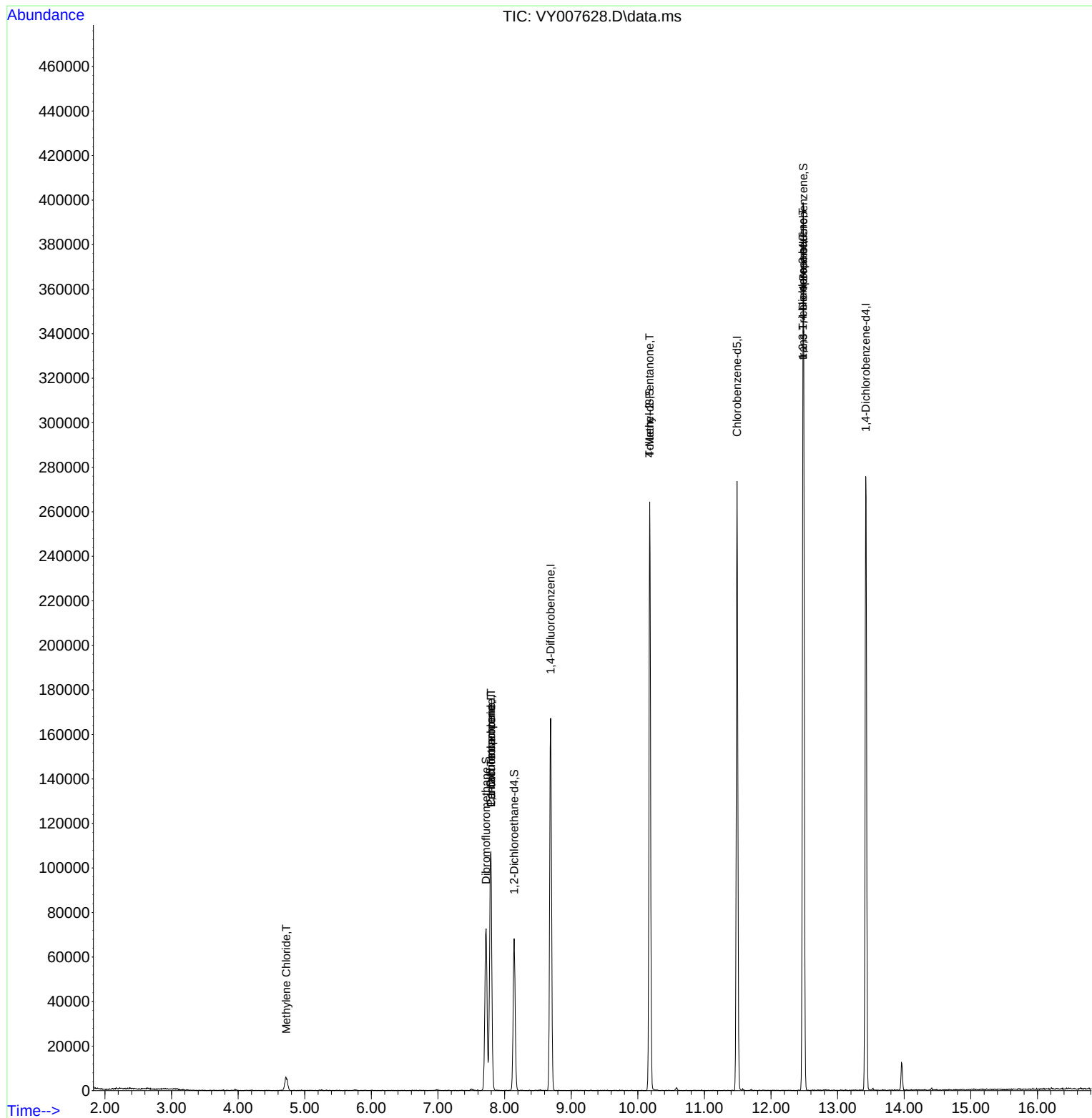
Internal Standards						
1) Pentafluorobenzene	7.795	168	85042	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	147883	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	146263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	71497	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	51981	54.945	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.880%	
35) Dibromofluoromethane	7.722	113	48163	51.615	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.220%	
50) Toluene-d8	10.179	98	172772	50.041	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.080%	
62) 4-Bromofluorobenzene	12.483	95	64007	54.248	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.500%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.674	94	83	Below Cal	#	4
20) Methylene Chloride	4.722	84	4717	2.044	ug/l #	71
31) Cyclohexane	7.795	56	1651	Below Cal	#	14
36) 1,1-Dichloropropene	7.795	75	6014	4.472	ug/l #	53
38) Carbon Tetrachloride	7.795	117	9070	4.606	ug/l #	15
51) 4-Methyl-2-Pentanone	10.179	43	811	1.303	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	38948	54.467	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	38948	117.113	ug/l #	8

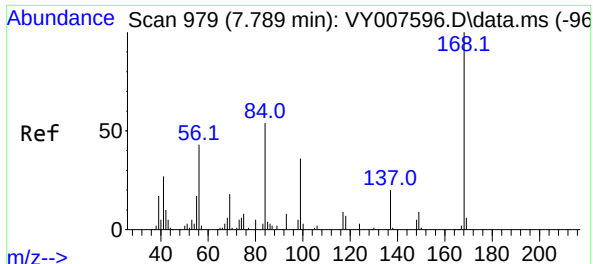
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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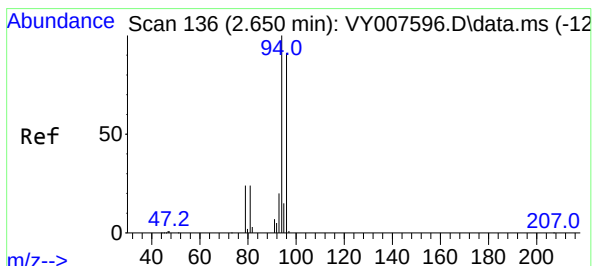
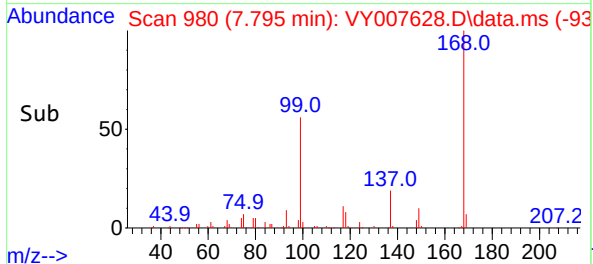
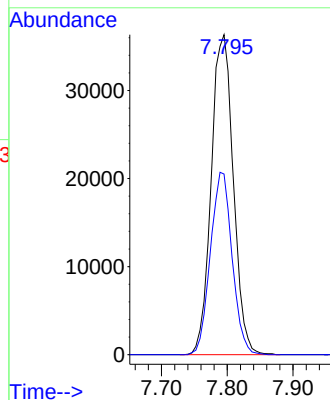
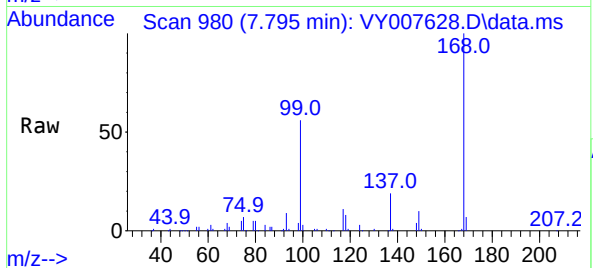




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007628.D
Acq: 24 Feb 2022 19:24

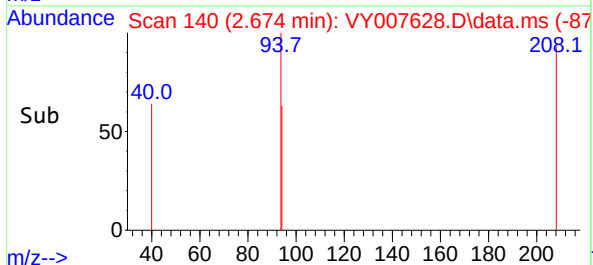
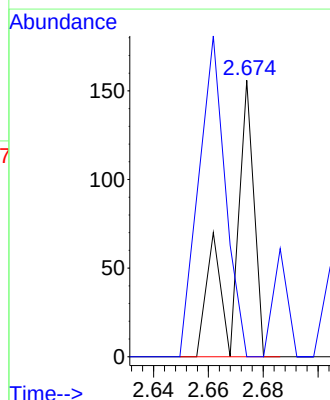
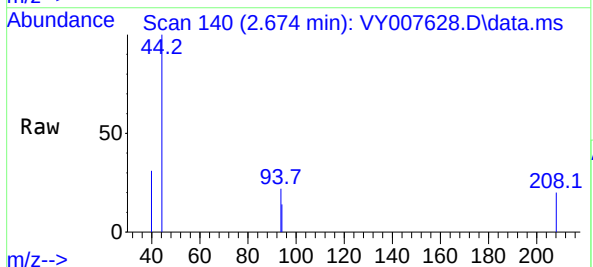
Instrument :
MSVOA_Y
ClientSampleId :
D11-7.5

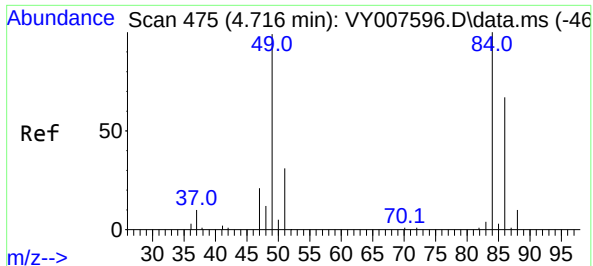
Tgt Ion:168 Resp: 85042
Ion Ratio Lower Upper
168 100
99 56.5 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.674 min Scan# 140
Delta R.T. 0.024 min
Lab File: VY007628.D
Acq: 24 Feb 2022 19:24

Tgt Ion: 94 Resp: 83
Ion Ratio Lower Upper
94 100
96 0.0 73.5 110.3#





#20

Methylene Chloride

Concen: 2.044 ug/l

RT: 4.722 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY007628.D

Acq: 24 Feb 2022 19:24

Instrument :

MSVOA_Y

ClientSampleId :

D11-7.5

Tgt Ion: 84 Resp: 4717

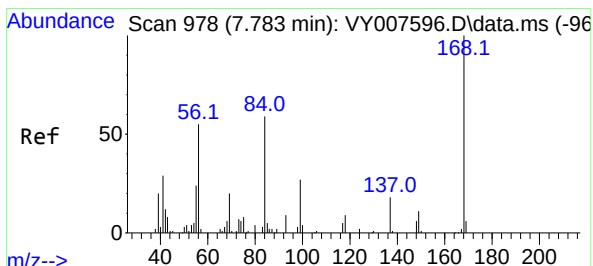
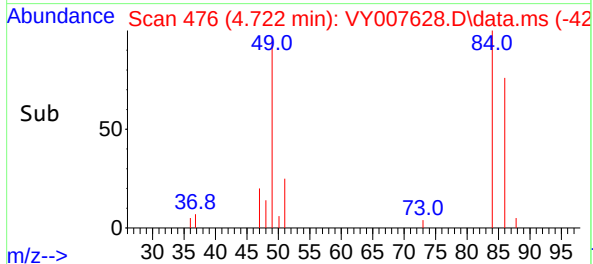
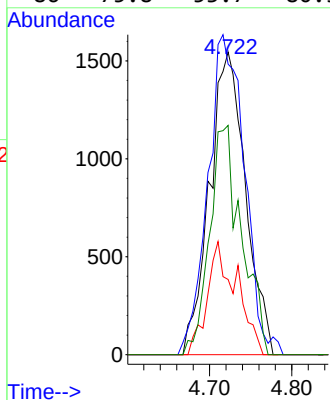
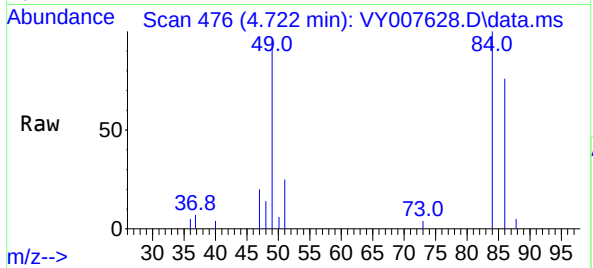
Ion Ratio Lower Upper

84 100

49 96.1 114.4 171.6#

51 24.9 35.3 52.9#

86 75.8 53.7 80.5



#31

Cyclohexane

Concen: Below Cal

RT: 7.795 min Scan# 980

Delta R.T. 0.012 min

Lab File: VY007628.D

Acq: 24 Feb 2022 19:24

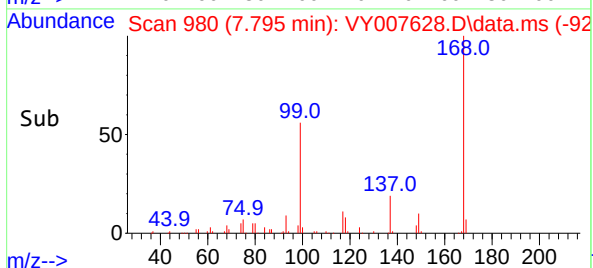
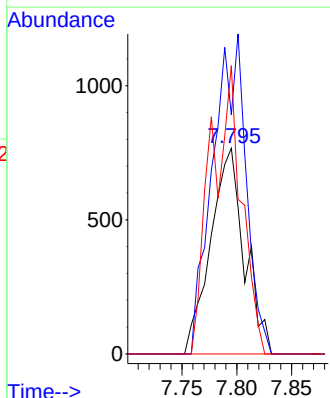
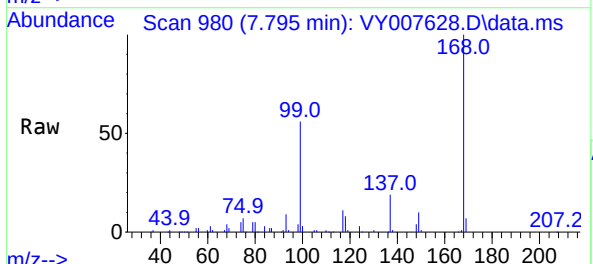
Tgt Ion: 56 Resp: 1651

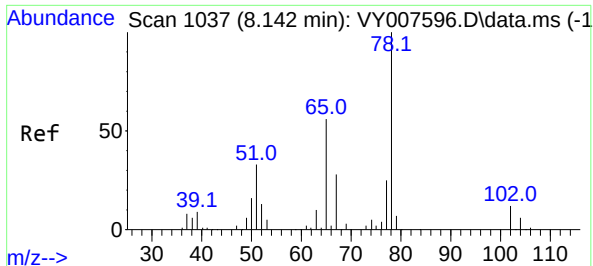
Ion Ratio Lower Upper

56 100

69 116.2 26.7 40.1#

84 140.2 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 54.945 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.001 min

Lab File: VY007628.D

Acq: 24 Feb 2022 19:24

Instrument :

MSVOA_Y

ClientSampleId :

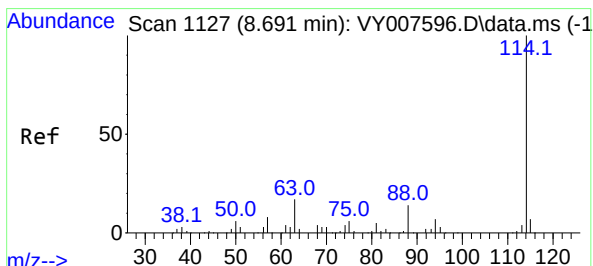
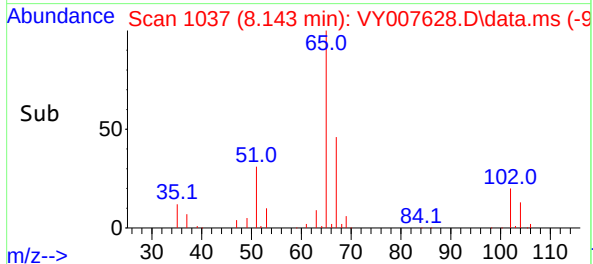
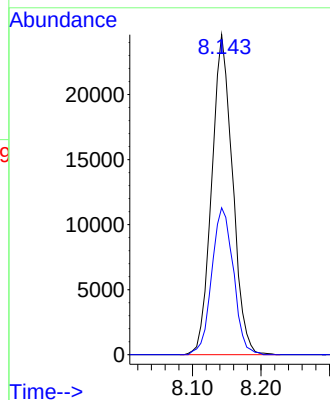
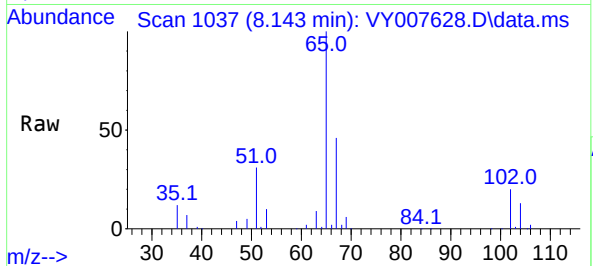
D11-7.5

Tgt Ion: 65 Resp: 51981

Ion Ratio Lower Upper

65 100

67 47.6 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: VY007628.D

Acq: 24 Feb 2022 19:24

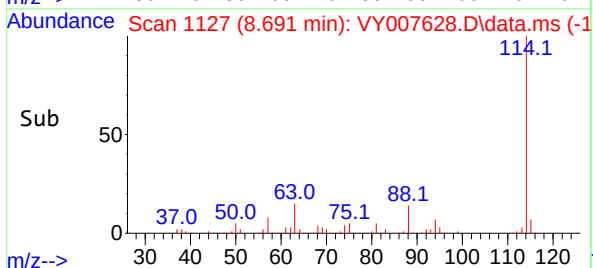
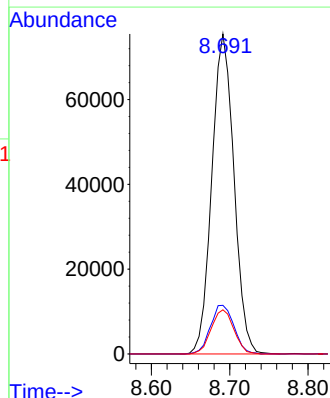
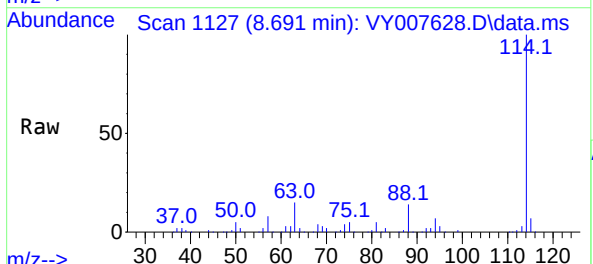
Tgt Ion: 114 Resp: 147883

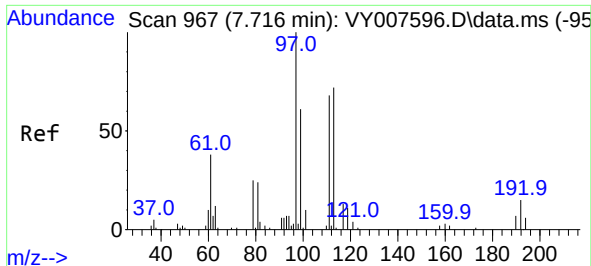
Ion Ratio Lower Upper

114 100

63 15.2 0.0 43.2

88 13.8 0.0 31.8

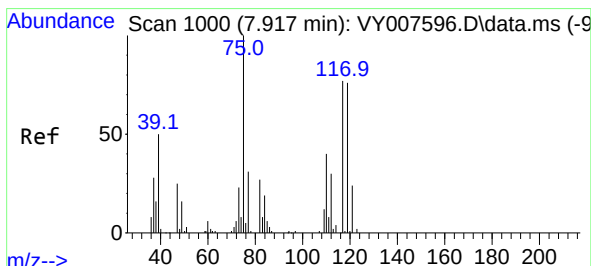
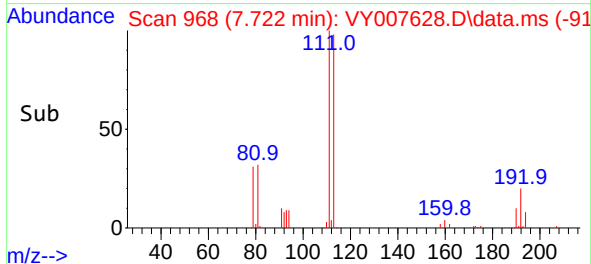
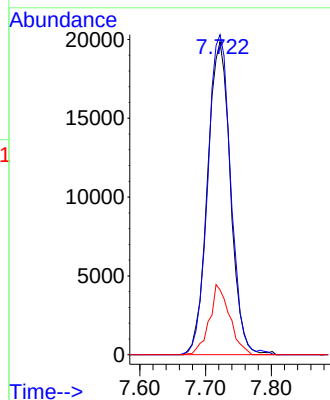
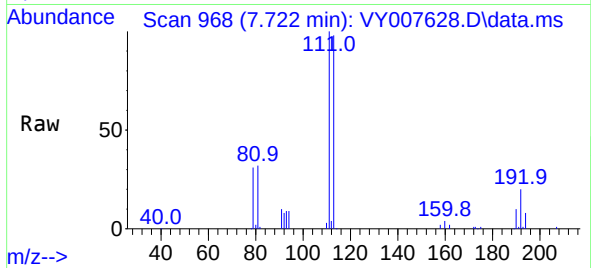




#35
Dibromofluoromethane
Concen: 51.615 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007628.D
Acq: 24 Feb 2022 19:24

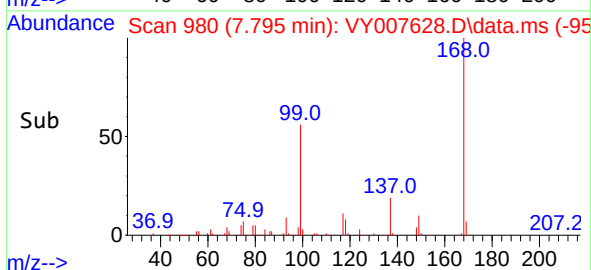
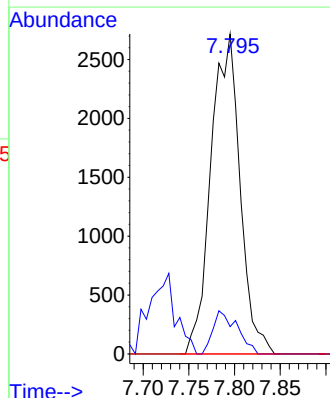
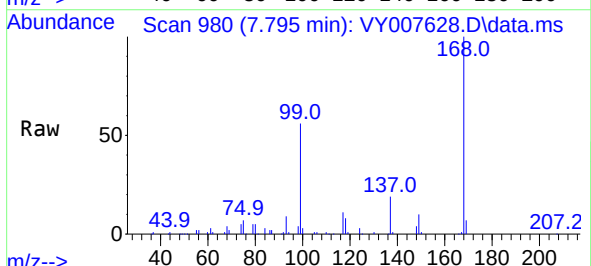
Instrument :
MSVOA_Y
ClientSampleId :
D11-7.5

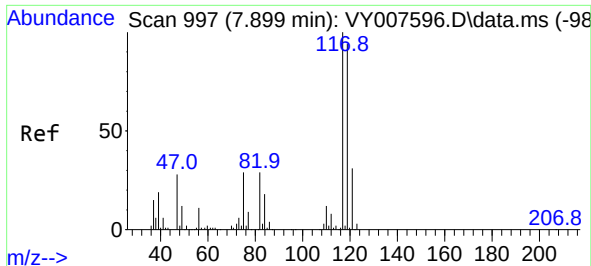
Tgt Ion:113 Resp: 48163
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 19.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.472 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY007628.D
Acq: 24 Feb 2022 19:24

Tgt Ion: 75 Resp: 6014
Ion Ratio Lower Upper
75 100
110 11.2 17.1 51.2#
77 0.0 24.4 36.6#

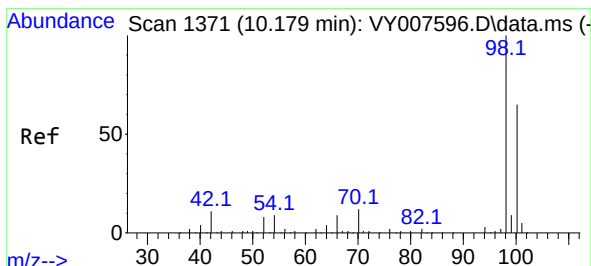
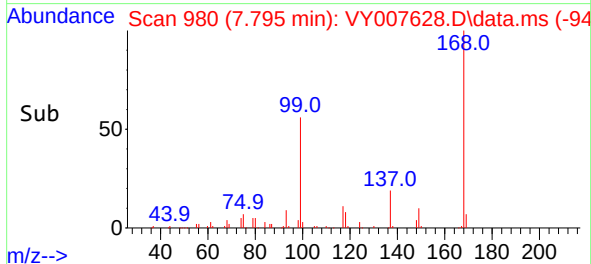
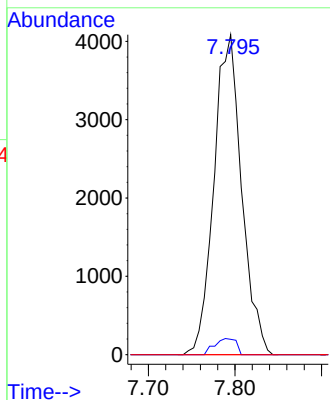
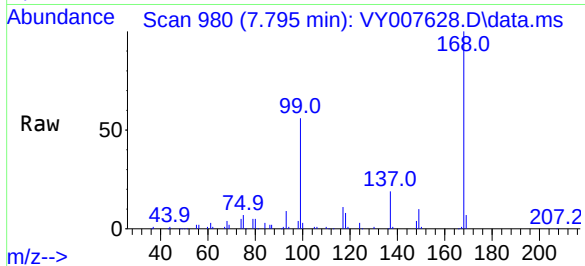




#38
Carbon Tetrachloride
Concen: 4.606 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY007628.D
Acq: 24 Feb 2022 19:24

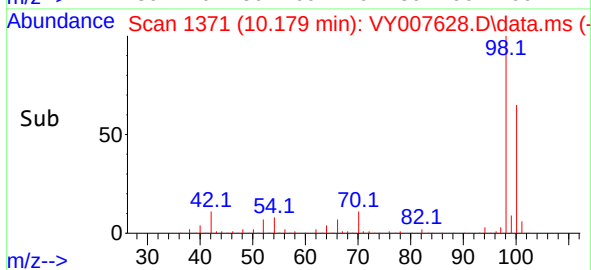
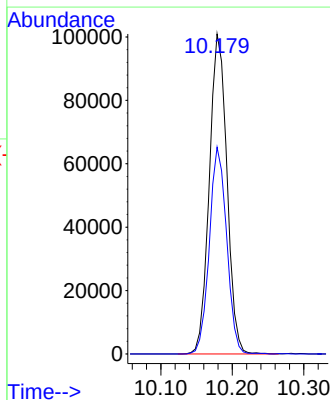
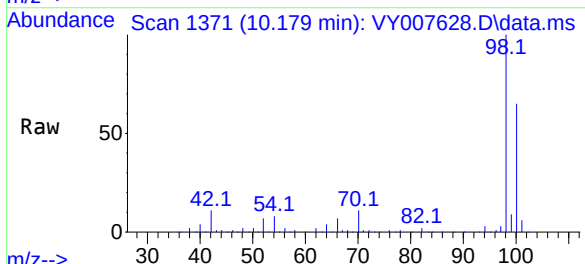
Instrument :
MSVOA_Y
ClientSampleId :
D11-7.5

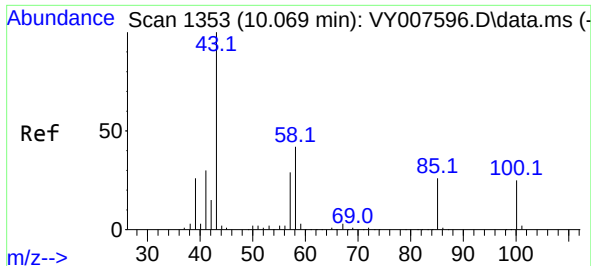
Tgt Ion:117 Resp: 9070
Ion Ratio Lower Upper
117 100
119 4.8 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.041 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007628.D
Acq: 24 Feb 2022 19:24

Tgt Ion: 98 Resp: 172772
Ion Ratio Lower Upper
98 100
100 63.4 50.2 75.2

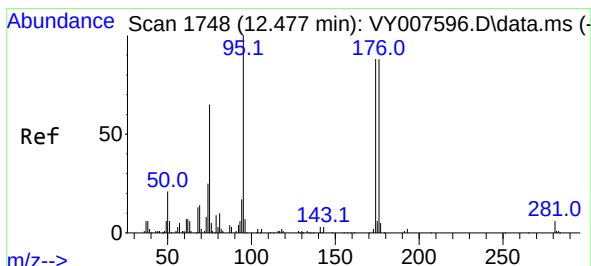
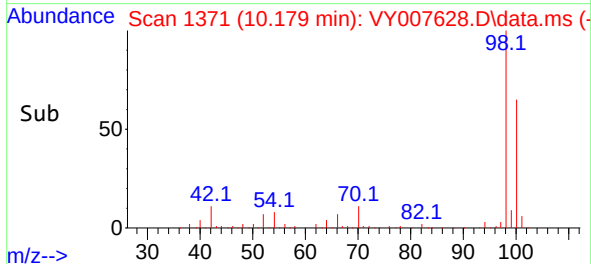
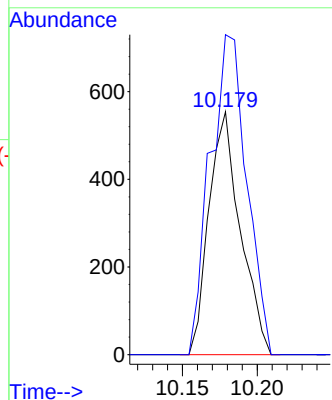
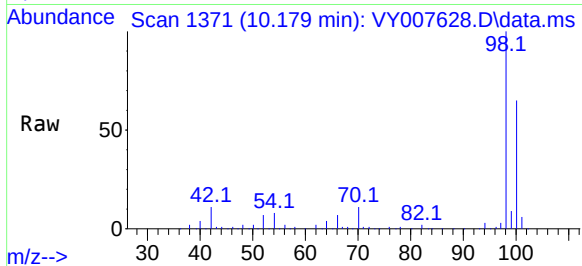




#51
4-Methyl-2-Pentanone
Concen: 1.303 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY007628.D
Acq: 24 Feb 2022 19:24

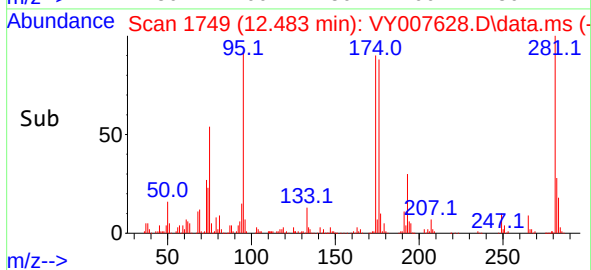
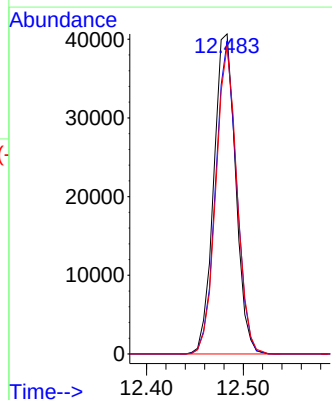
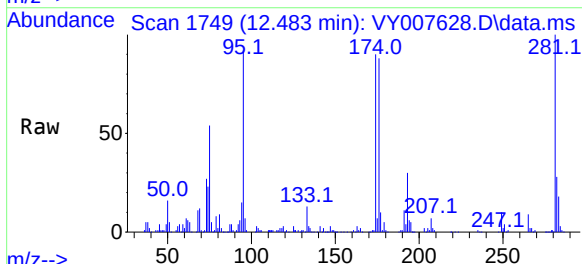
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D11-7.5

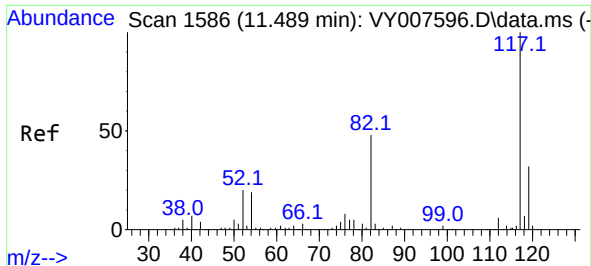
Tgt Ion: 43 Resp: 811
Ion Ratio Lower Upper
43 100
58 152.9 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 54.248 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY007628.D
Acq: 24 Feb 2022 19:24

Tgt Ion: 95 Resp: 64007
Ion Ratio Lower Upper
95 100
174 93.0 0.0 177.0
176 91.9 0.0 175.8

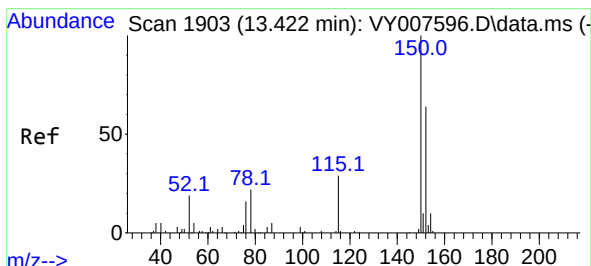
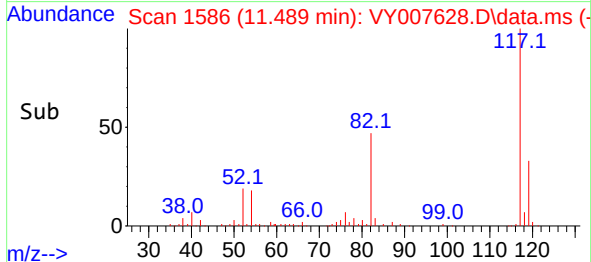
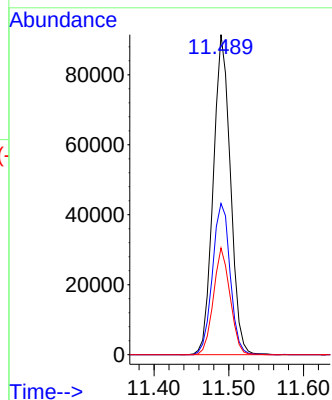
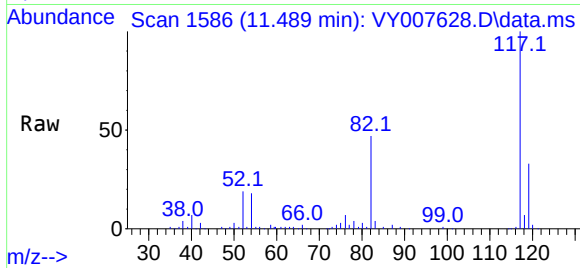




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007628.D
Acq: 24 Feb 2022 19:24

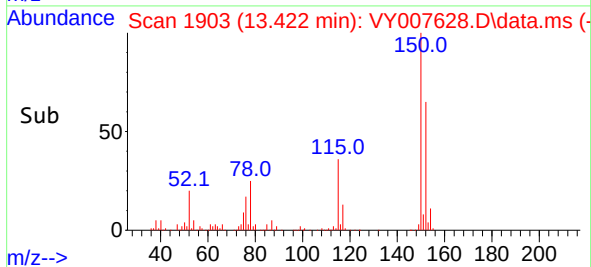
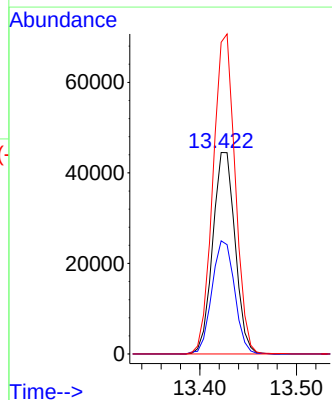
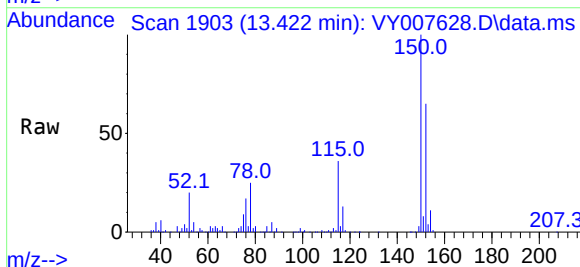
Instrument :
MSVOA_Y
ClientSampleId :
D11-7.5

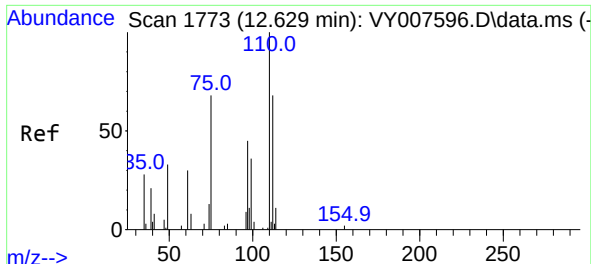
Tgt Ion:117 Resp: 146263
Ion Ratio Lower Upper
117 100
82 47.3 43.0 64.4
119 33.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007628.D
Acq: 24 Feb 2022 19:24

Tgt Ion:152 Resp: 71497
Ion Ratio Lower Upper
152 100
115 57.0 28.2 84.7
150 157.3 0.0 347.6

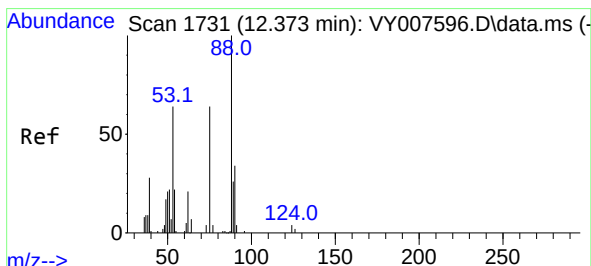
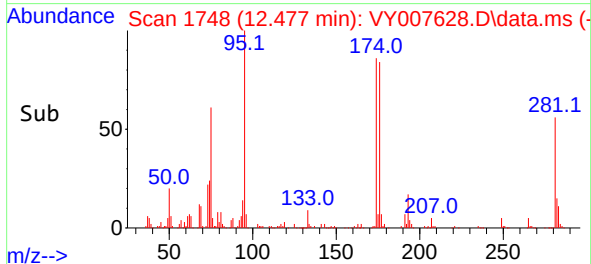
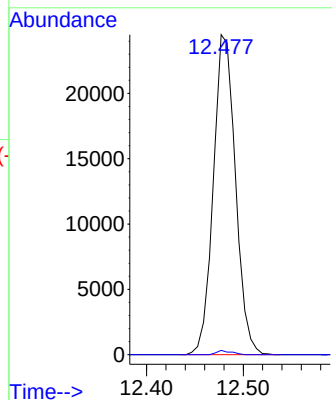
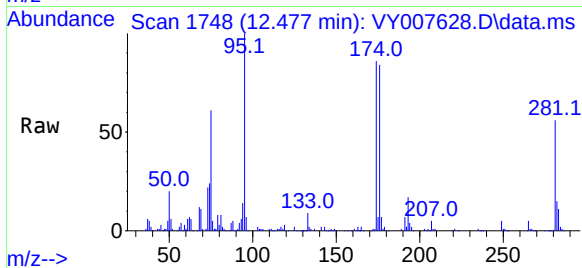




#76
1,2,3-Trichloropropane
Concen: 54.467 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY007628.D
Acq: 24 Feb 2022 19:24

Instrument :
MSVOA_Y
ClientSampleId :
D11-7.5

Tgt Ion: 75 Resp: 38948
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 117.113 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY007628.D
Acq: 24 Feb 2022 19:24

Tgt Ion: 75 Resp: 38948
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 1.5 37.0 55.4#

