

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110322\
 Data File : VY011294.D
 Acq On : 03 Nov 2022 17:55
 Operator : KP/MD
 Sample : N5395-12RE
 Misc : 5.34g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-9-103122RE

Quant Time: Nov 04 02:22:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

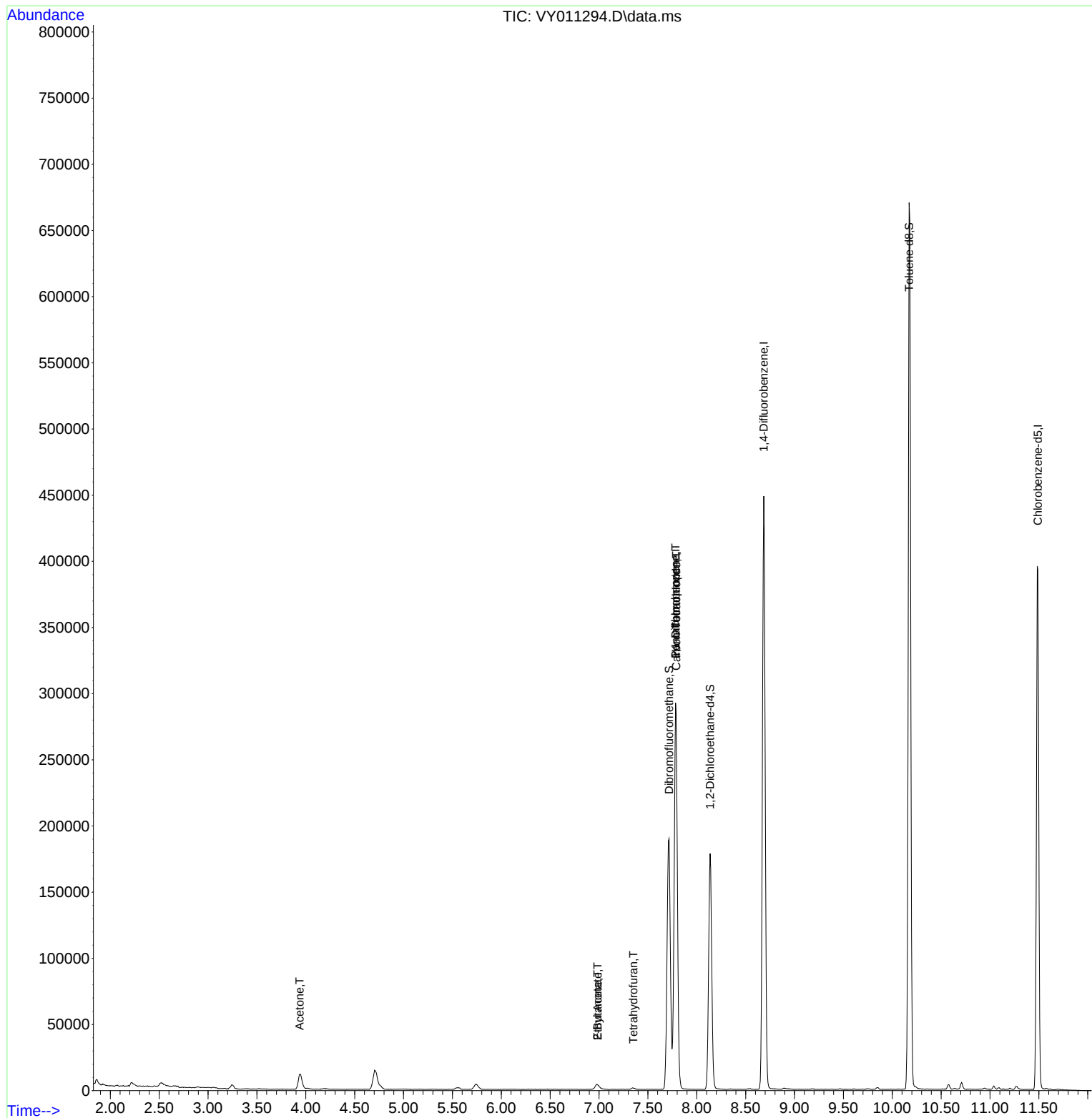
Internal Standards						
1) Pentafluorobenzene	7.783	168	229576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	395178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	226623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.42
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	138068	56.232	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.460%	
35) Dibromofluoromethane	7.716	113	140204	55.220	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.440%	
50) Toluene-d8	10.173	98	454342	46.089	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.180%	
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000		Recovery	=	0.000%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	281	Below Cal	#	77
16) Acetone	3.936	43	20343	27.447	ug/l #	88
20) Methylene Chloride	4.704	84	11560	Below Cal	#	79
25) 2-Butanone	6.984	43	4779	4.583	ug/l #	90
29) Tetrahydrofuran	7.350	42	738	1.216	ug/l #	85
36) 1,1-Dichloropropene	7.783	75	17108	4.126	ug/l #	50
37) Ethyl Acetate	6.984	43	4779	2.138	ug/l #	72
38) Carbon Tetrachloride	7.789	117	22960	5.338	ug/l #	15

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

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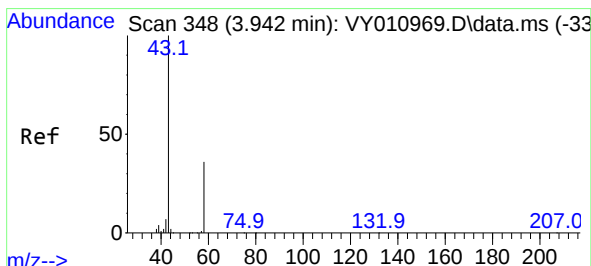
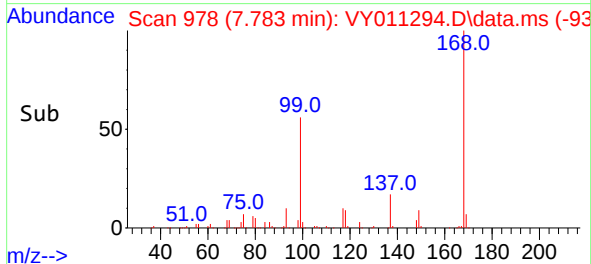
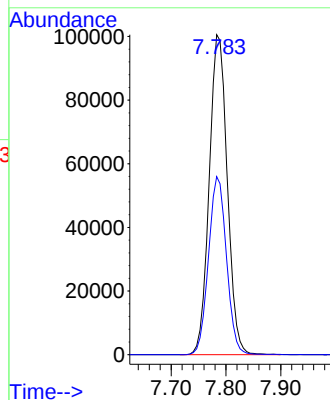
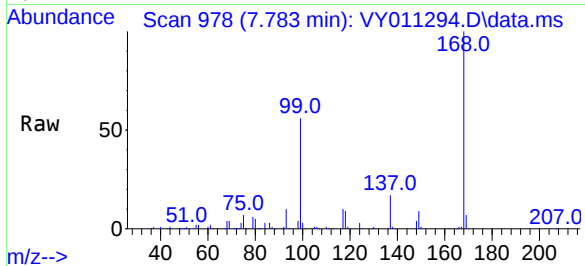




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011294.D
Acq: 03 Nov 2022 17:55

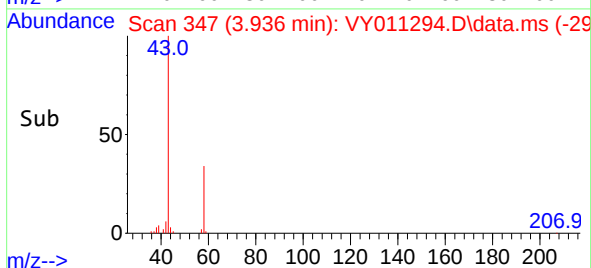
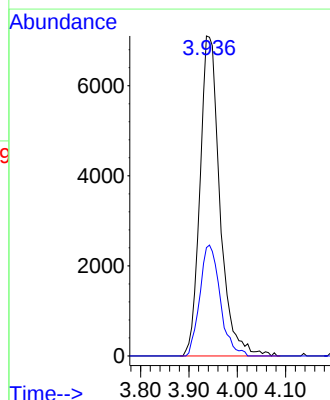
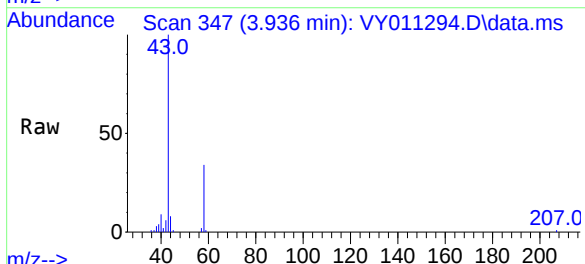
Instrument :
MSVOA_Y
ClientSampleId :
S-9-103122RE

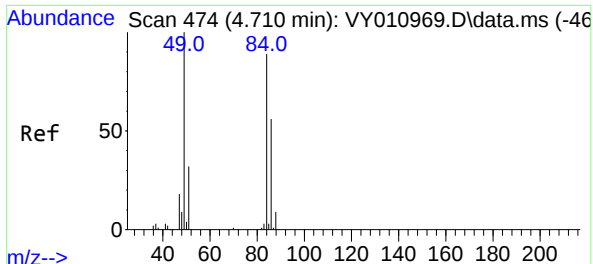
Tgt Ion:168 Resp: 229576
Ion Ratio Lower Upper
168 100
99 55.6 46.9 70.3



#16
Acetone
Concen: 27.447 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY011294.D
Acq: 03 Nov 2022 17:55

Tgt Ion: 43 Resp: 20343
Ion Ratio Lower Upper
43 100
58 33.9 22.0 33.0#

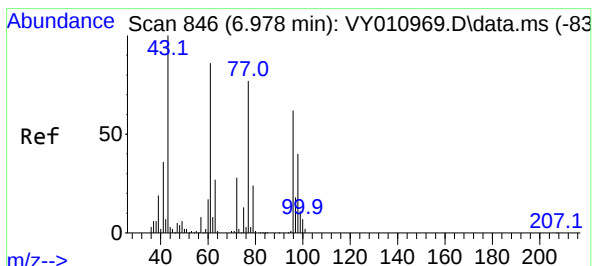
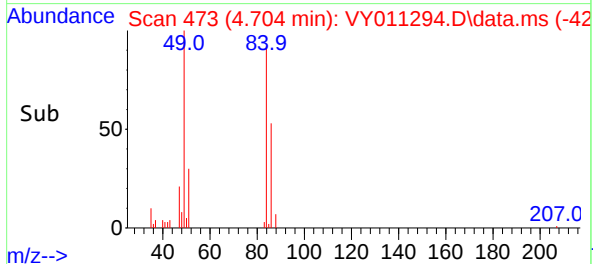
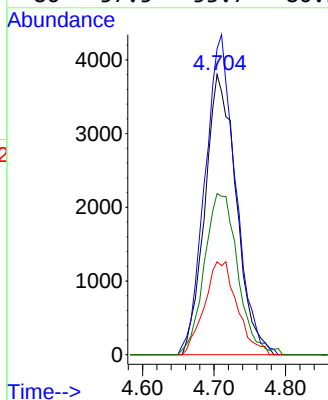
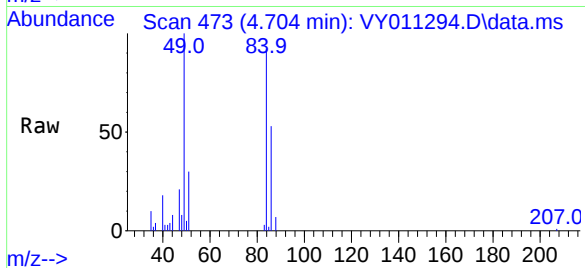




#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY011294.D
Acq: 03 Nov 2022 17:55

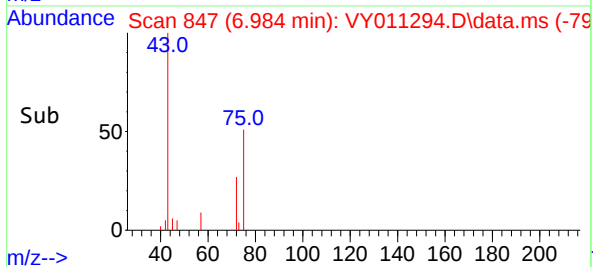
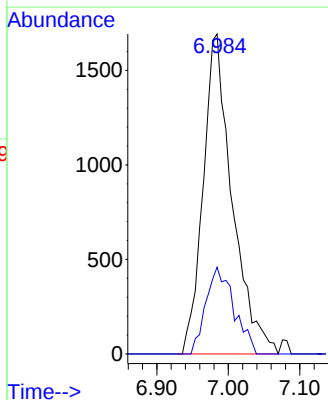
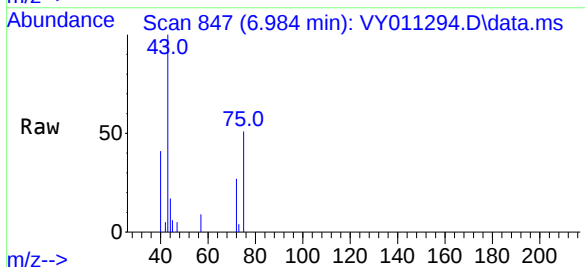
Instrument :
MSVOA_Y
ClientSampleId :
S-9-103122RE

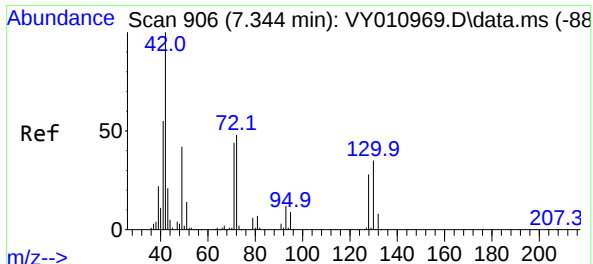
Tgt Ion: 84 Resp: 11560
Ion Ratio Lower Upper
84 100
49 109.3 114.4 171.6#
51 33.2 35.3 52.9#
86 57.5 53.7 80.5



#25
2-Butanone
Concen: 4.583 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY011294.D
Acq: 03 Nov 2022 17:55

Tgt Ion: 43 Resp: 4779
Ion Ratio Lower Upper
43 100
72 27.1 17.7 26.5#





#29

Tetrahydrofuran

Concen: 1.216 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY011294.D

Acq: 03 Nov 2022 17:55

Instrument :

MSVOA_Y

ClientSampleId :

S-9-103122RE

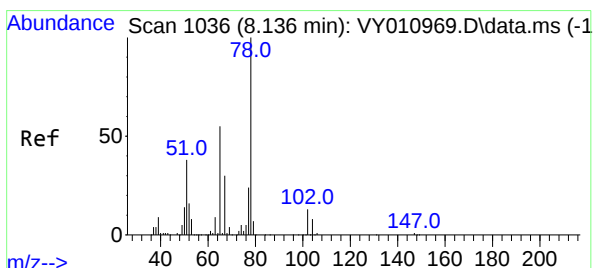
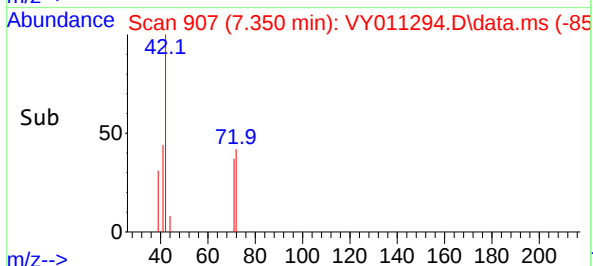
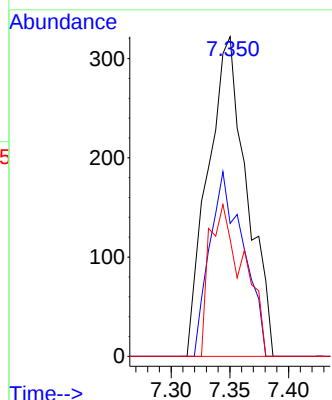
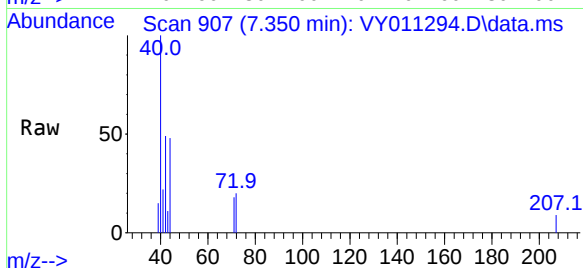
Tgt Ion: 42 Resp: 738

Ion Ratio Lower Upper

42 100

72 50.3 30.3 45.5#

71 41.9 29.0 43.4



#33

1,2-Dichloroethane-d4

Concen: 56.232 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY011294.D

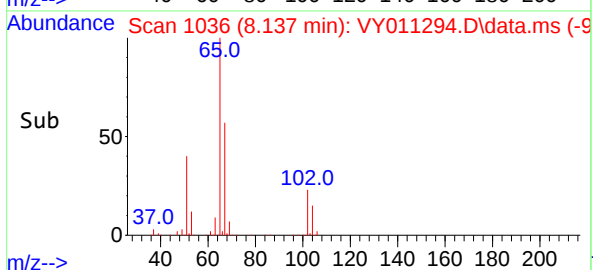
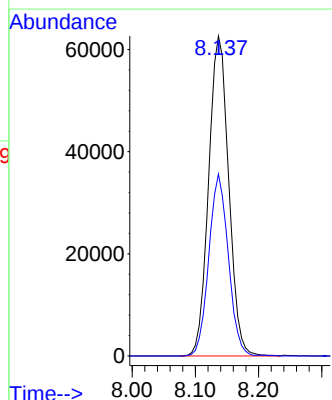
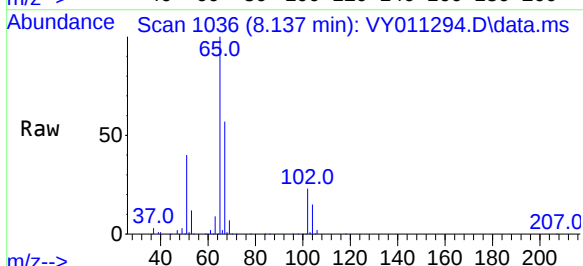
Acq: 03 Nov 2022 17:55

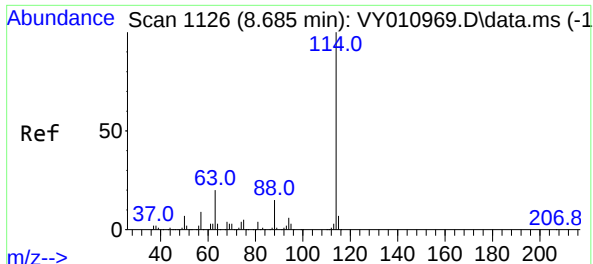
Tgt Ion: 65 Resp: 138068

Ion Ratio Lower Upper

65 100

67 55.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011294.D

Acq: 03 Nov 2022 17:55

Instrument :

MSVOA_Y

ClientSampleId :

S-9-103122RE

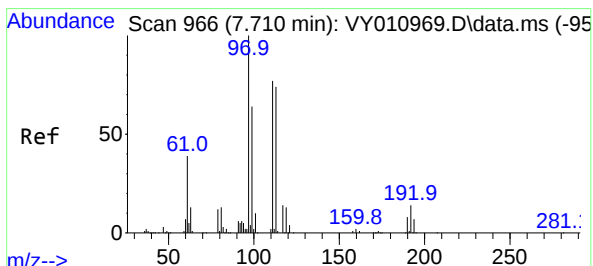
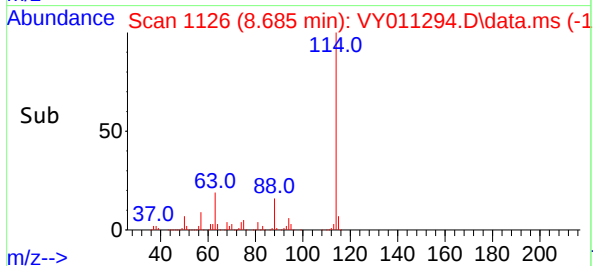
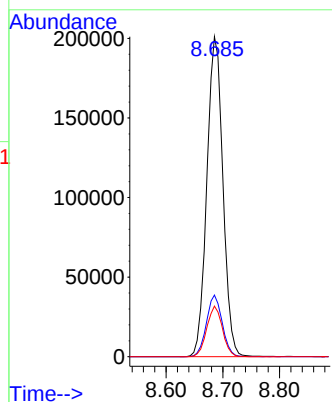
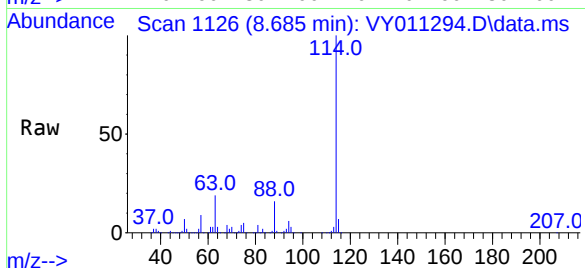
Tgt Ion:114 Resp: 395178

Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 15.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.220 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011294.D

Acq: 03 Nov 2022 17:55

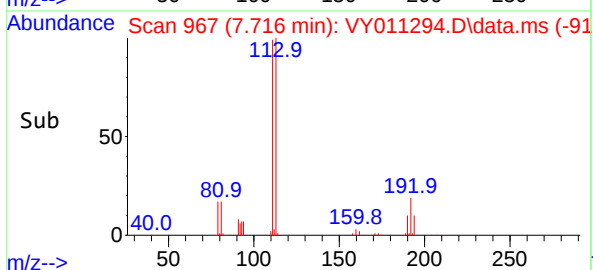
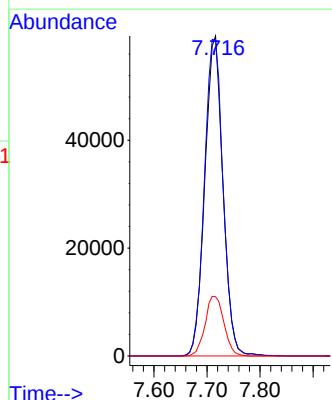
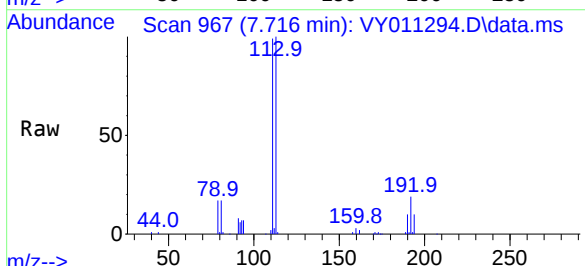
Tgt Ion:113 Resp: 140204

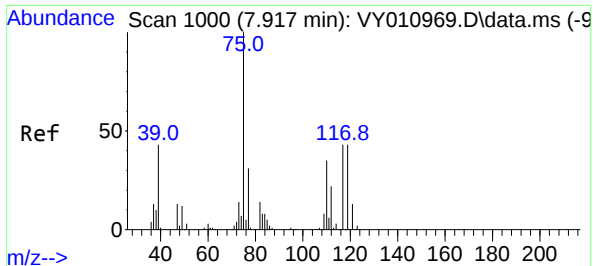
Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 19.4 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.126 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY011294.D

Acq: 03 Nov 2022 17:55

Instrument :

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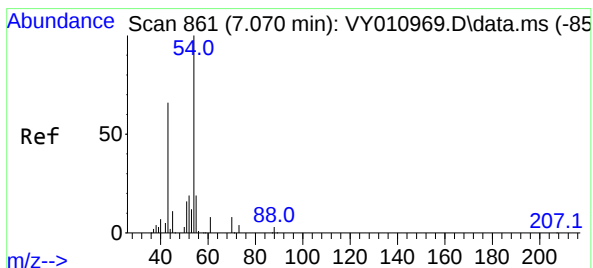
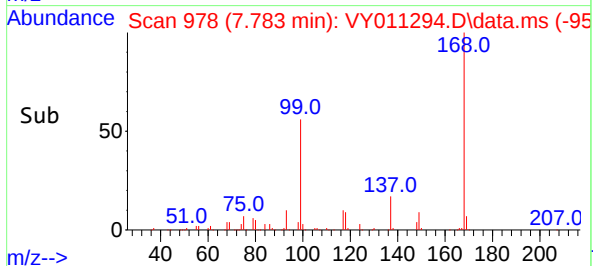
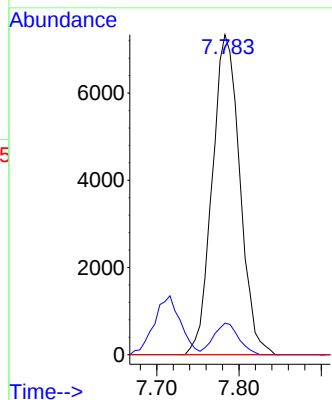
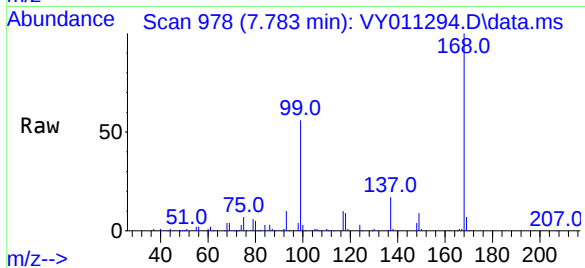
Tgt Ion: 75 Resp: 17108

Ion Ratio Lower Upper

75 100

110 8.9 17.1 51.2#

77 0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 2.138 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.086 min

Lab File: VY011294.D

Acq: 03 Nov 2022 17:55

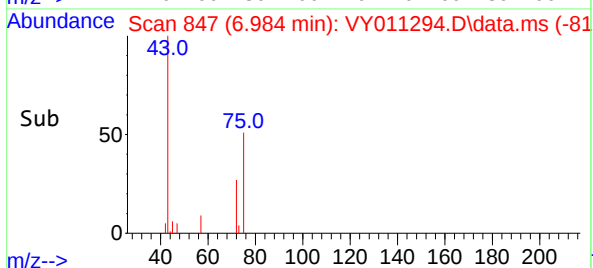
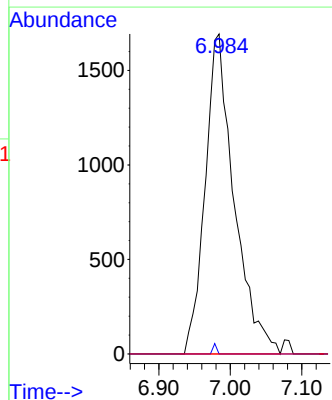
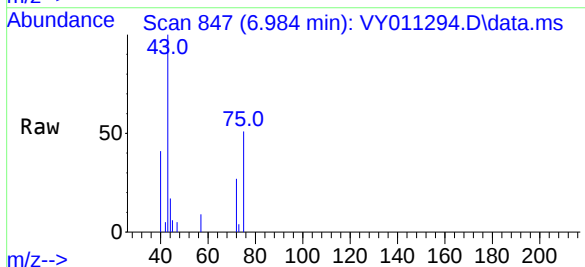
Tgt Ion: 43 Resp: 4779

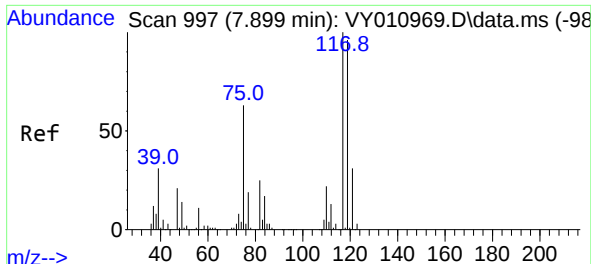
Ion Ratio Lower Upper

43 100

61 0.4 9.7 14.5#

70 0.0 7.1 10.7#

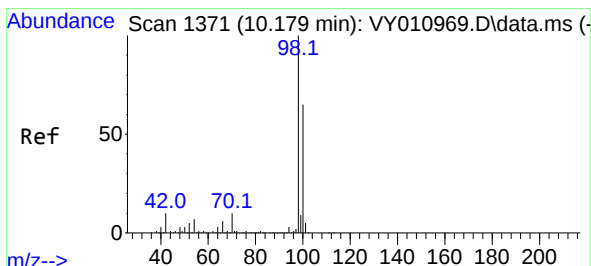
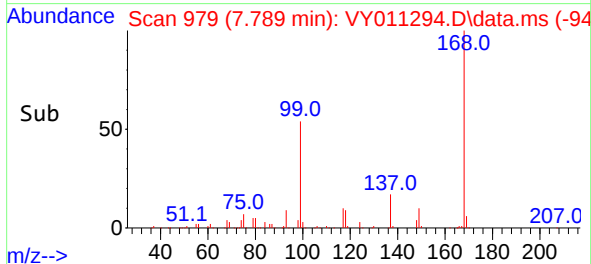
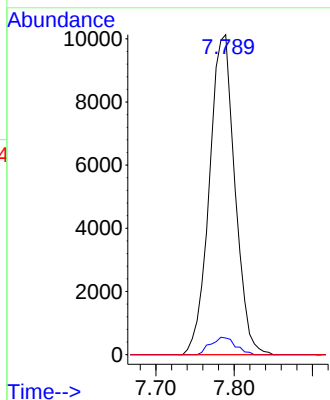
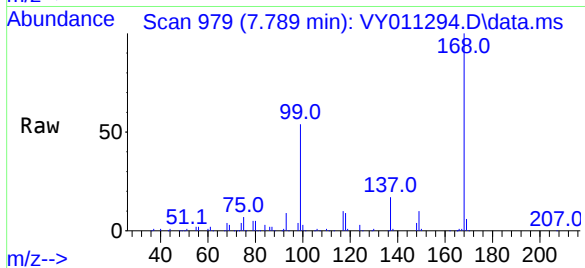




#38
Carbon Tetrachloride
Concen: 5.338 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY011294.D
Acq: 03 Nov 2022 17:55

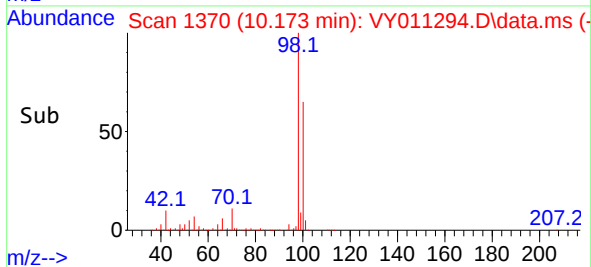
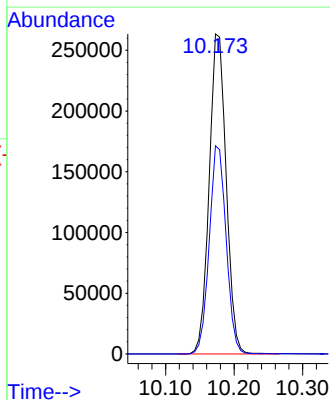
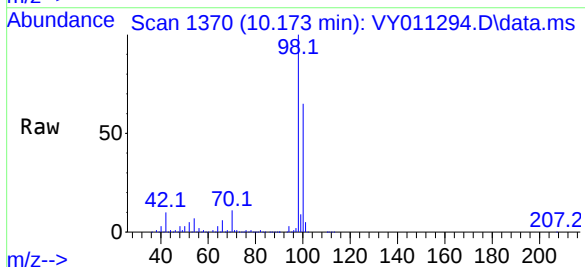
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S-9-103122RE

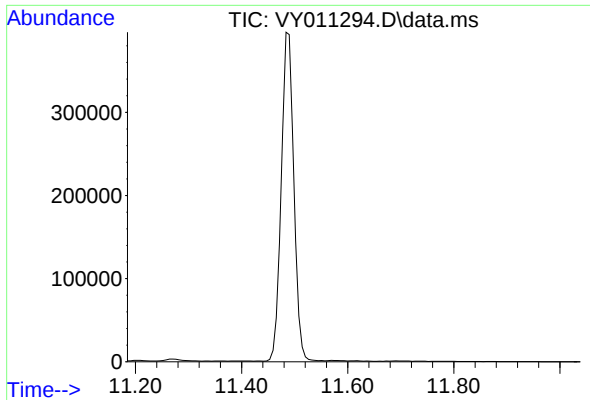
Tgt Ion:117 Resp: 22960
Ion Ratio Lower Upper
117 100
119 5.2 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 46.089 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY011294.D
Acq: 03 Nov 2022 17:55

Tgt Ion: 98 Resp: 454342
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



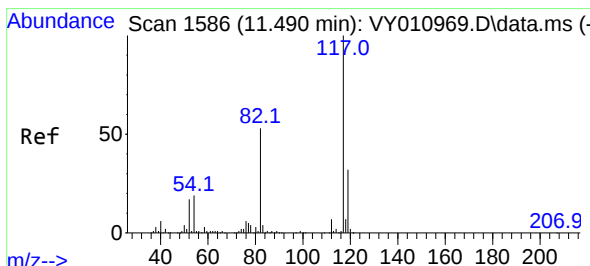
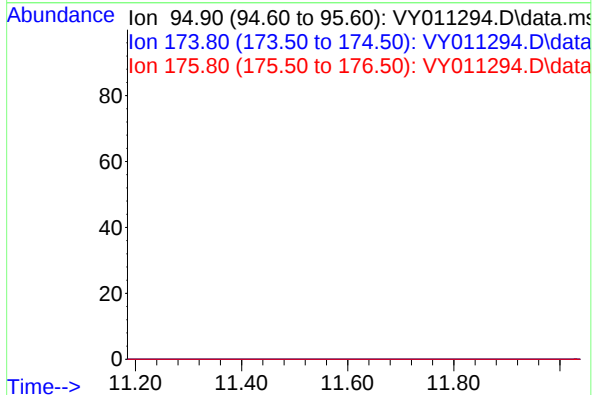


#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.48 min
 Lab File: VY011294.D
 Acq: 03 Nov 2022 17:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-9-103122RE

Tgt Ion: 95

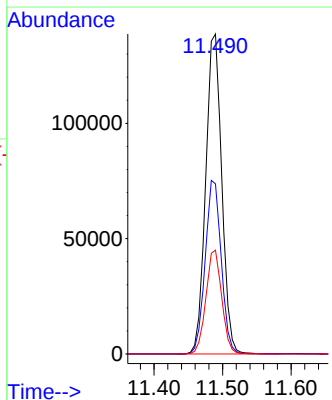
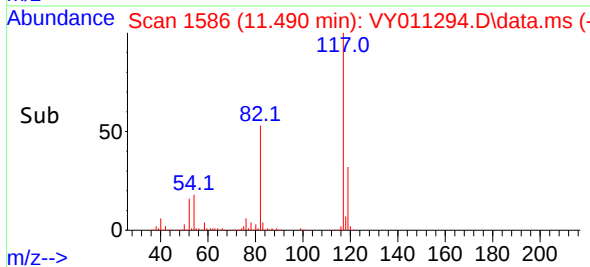
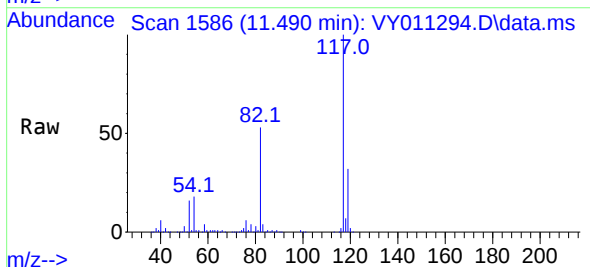
Sig	Exp Ratio
95	100
174	88.5
176	87.9

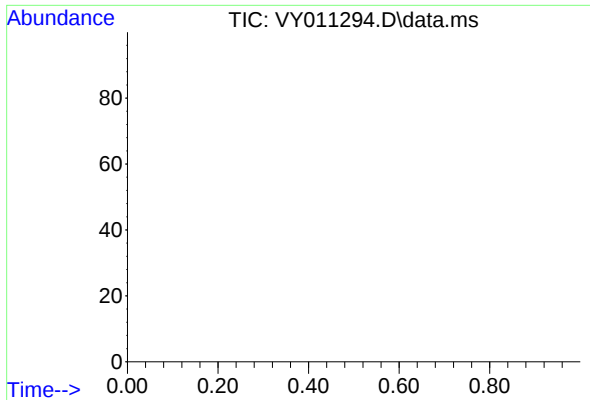


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.490 min Scan# 1586
 Delta R.T. -0.000 min
 Lab File: VY011294.D
 Acq: 03 Nov 2022 17:55

Tgt Ion: 117 Resp: 226623

Ion	Ratio	Lower	Upper
117	100		
82	53.2	43.0	64.4
119	32.4	25.4	38.0





#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.42 min

Lab File: VY011294.D
Acq: 03 Nov 2022 17:55

Instrument :
MSVOA_Y
ClientSampleId :
S-9-103122RE

Tgt Ion: 152
Sig Exp Ratio
152 100
115 56.5
150 173.8

