

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102623\
 Data File : VY016085.D
 Acq On : 26 Oct 2023 18:18
 Operator : SY/MD
 Sample : 05051-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUCT-BANK-1A

Quant Time: Oct 27 04:20:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 04:12:29 2023
 Response via : Initial Calibration

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

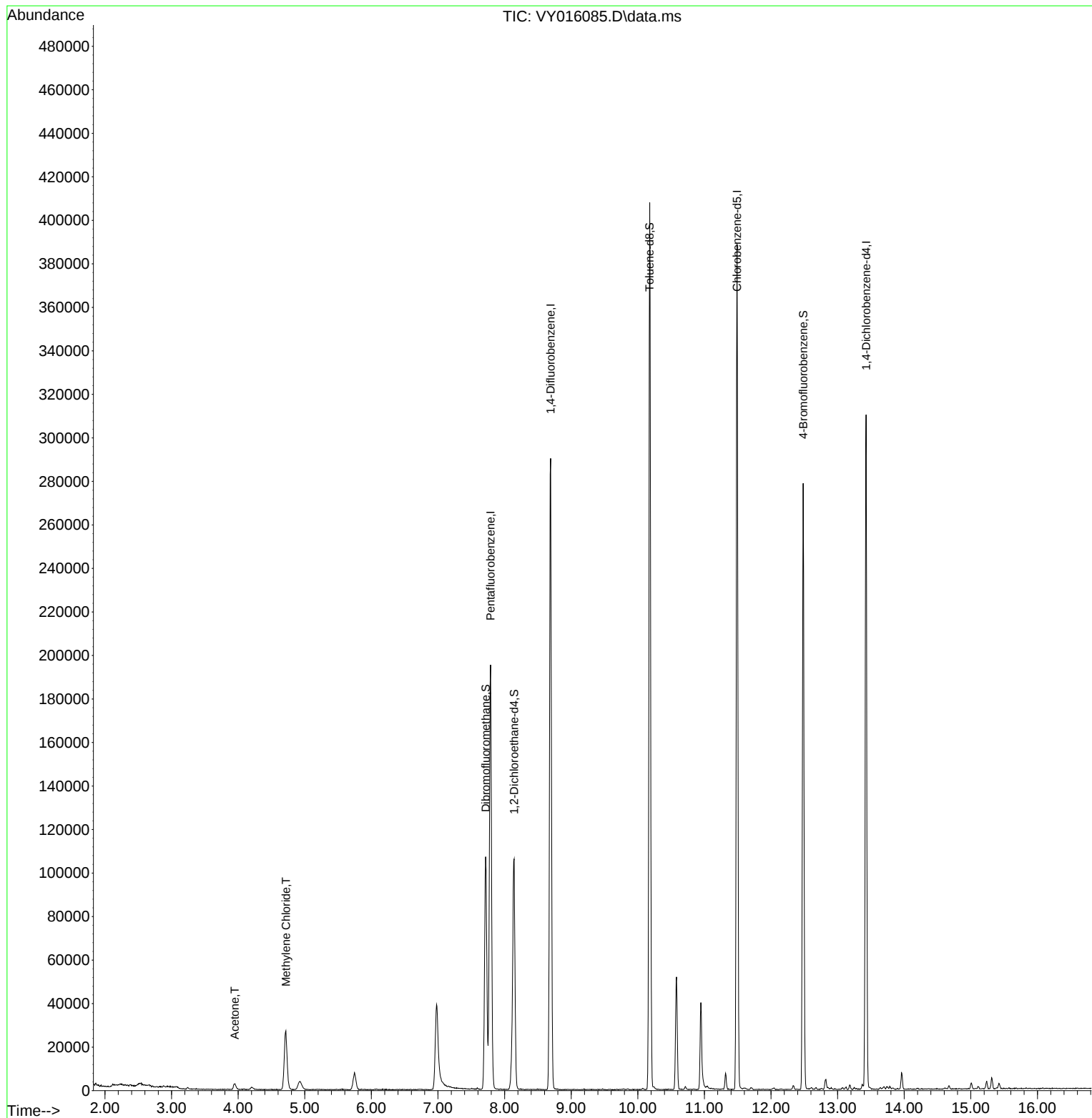
Internal Standards						
1) Pentafluorobenzene	7.789	168	152196	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	255705	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	214775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81370	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	77392	51.139	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.280%
35) Dibromofluoromethane	7.716	113	77300	47.886	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.780%
50) Toluene-d8	10.179	98	270334	45.210	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.420%
62) 4-Bromofluorobenzene	12.483	95	79132	38.580	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.160%
Target Compounds						
						Qvalue
16) Acetone	3.948	43	4969	12.114	ug/l	92
20) Methylene Chloride	4.716	84	20276	7.769	ug/l #	84

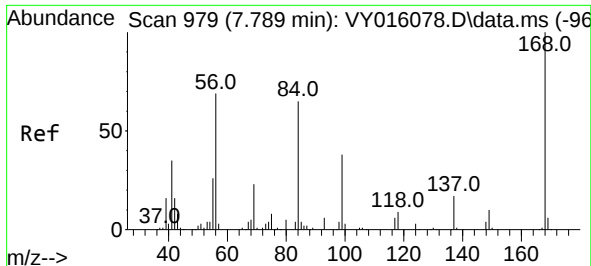
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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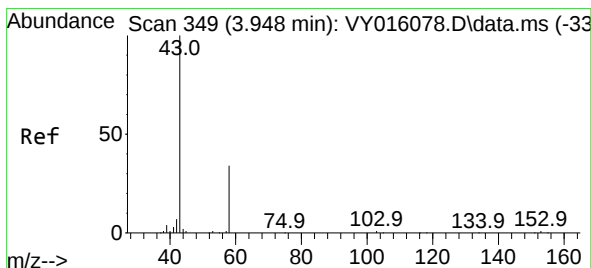
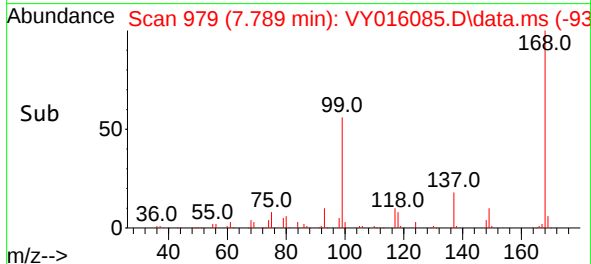
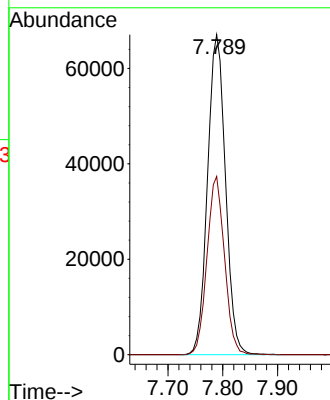
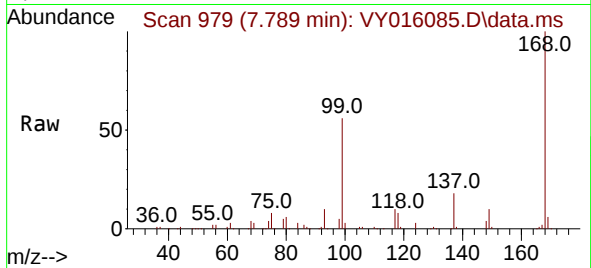




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016085.D
Acq: 26 Oct 2023 18:18

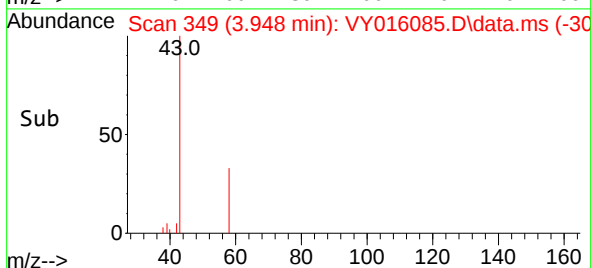
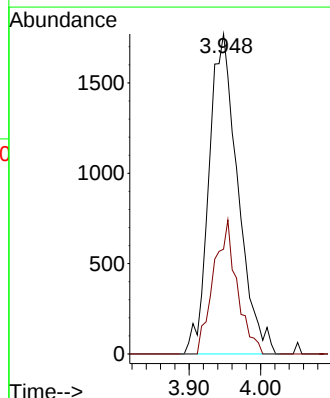
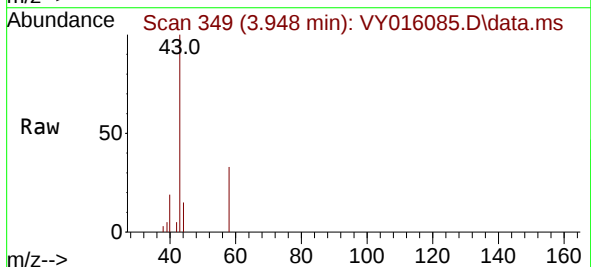
Instrument :
MSVOA_Y
ClientSampleId :
DUCT-BANK-1A

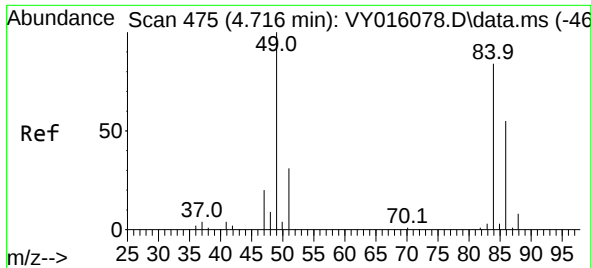
Tgt Ion:168 Resp: 152196
Ion Ratio Lower Upper
168 100
99 55.7 43.4 65.0



#16
Acetone
Concen: 12.114 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY016085.D
Acq: 26 Oct 2023 18:18

Tgt Ion: 43 Resp: 4969
Ion Ratio Lower Upper
43 100
58 32.7 22.7 34.1

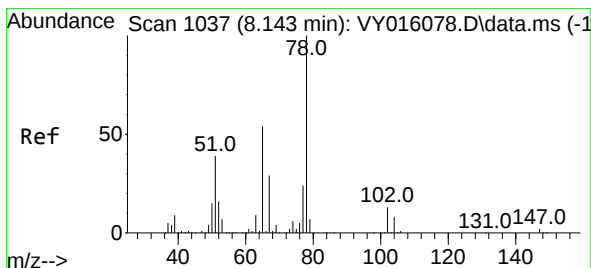
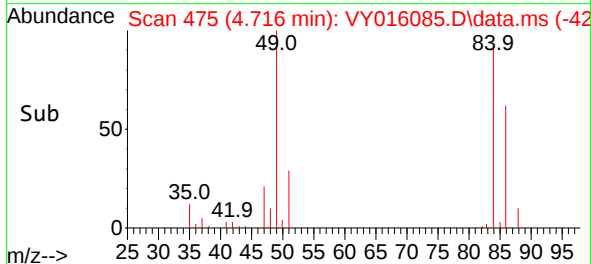
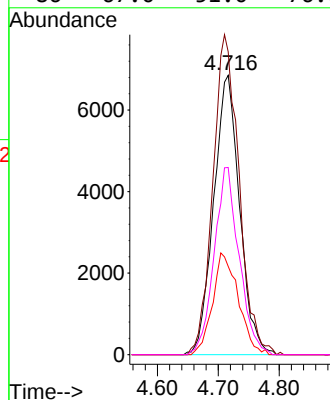
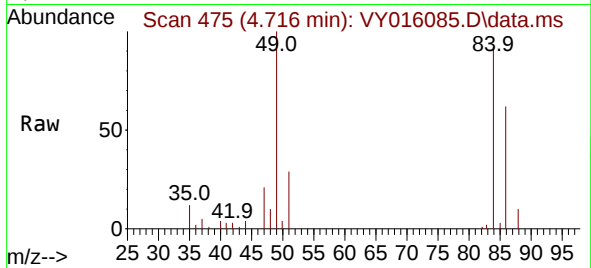




#20
Methylene Chloride
Concen: 7.769 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY016085.D
Acq: 26 Oct 2023 18:18

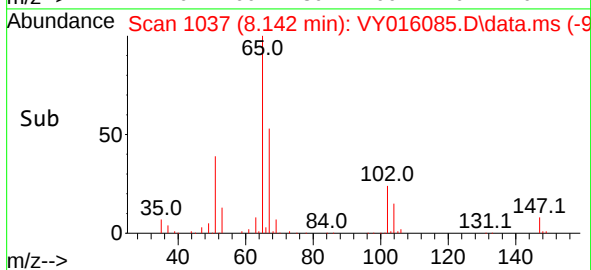
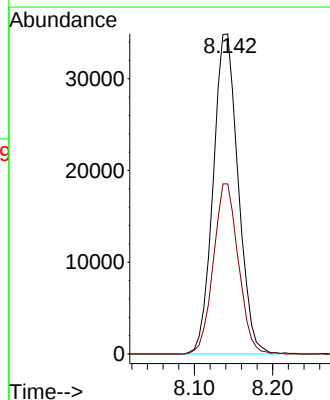
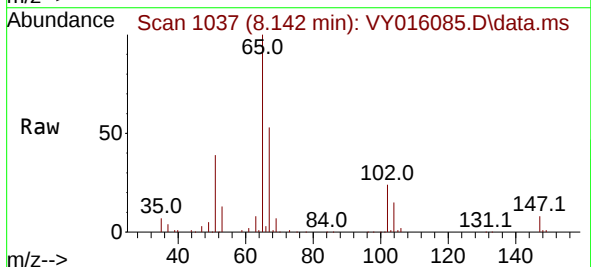
Instrument :
MSVOA_Y
ClientSampleId :
DUCT-BANK-1A

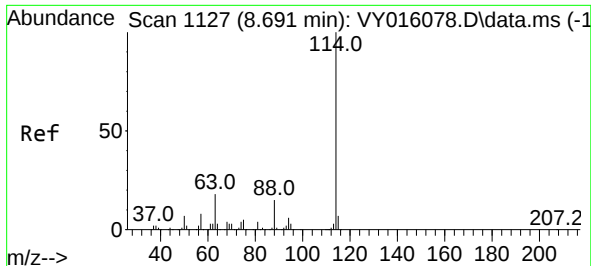
Tgt Ion:	84	Resp:	20276
Ion	Ratio	Lower	Upper
84	100		
49	108.4	106.9	160.3
51	31.6	33.2	49.8#
86	67.0	51.0	76.6



#33
1,2-Dichloroethane-d4
Concen: 51.139 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY016085.D
Acq: 26 Oct 2023 18:18

Tgt Ion:	65	Resp:	77392
Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY016085.D

Acq: 26 Oct 2023 18:18

Instrument :

MSVOA_Y

ClientSampleId :

DUCT-BANK-1A

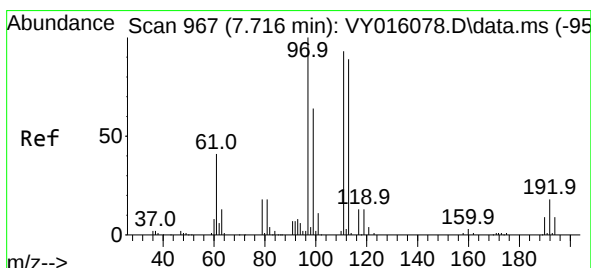
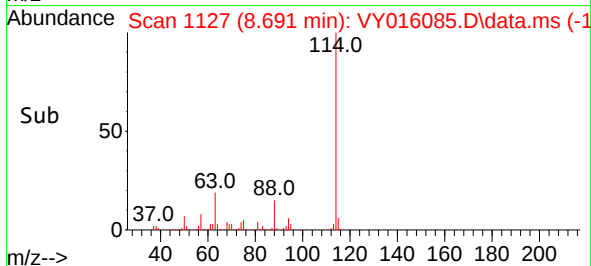
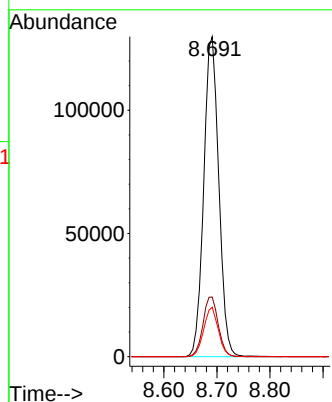
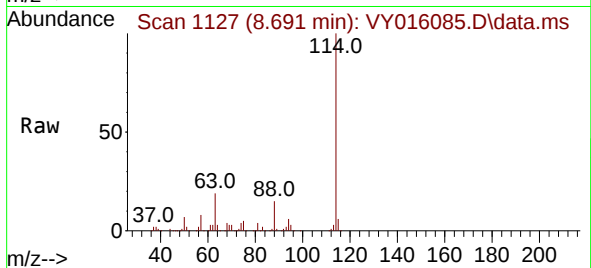
Tgt Ion:114 Resp: 255705

Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.886 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY016085.D

Acq: 26 Oct 2023 18:18

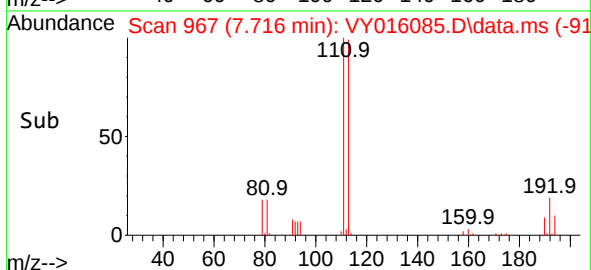
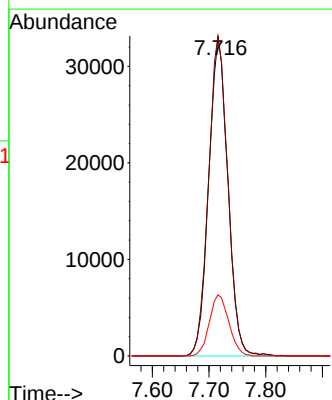
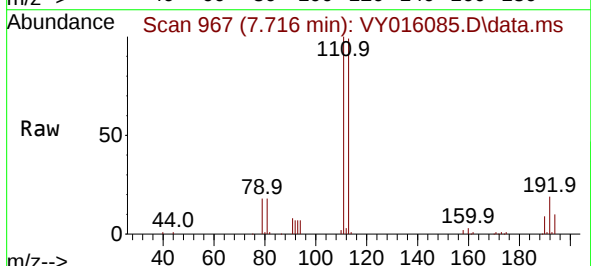
Tgt Ion:113 Resp: 77300

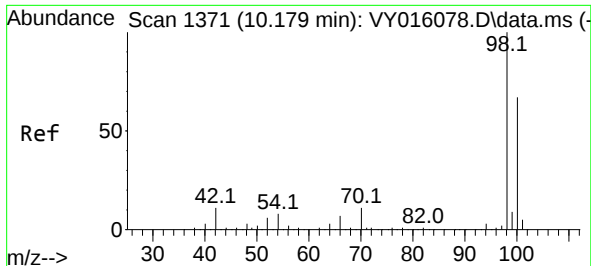
Ion Ratio Lower Upper

113 100

111 101.6 81.3 121.9

192 19.5 16.9 25.3

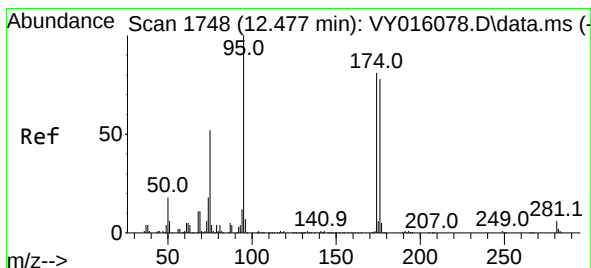
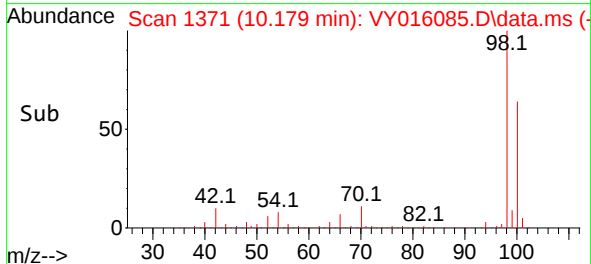
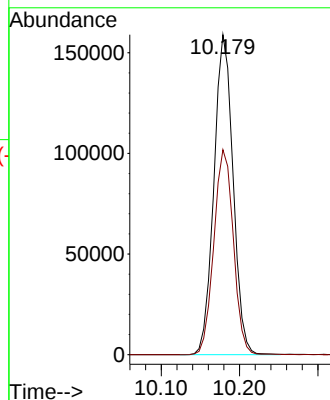
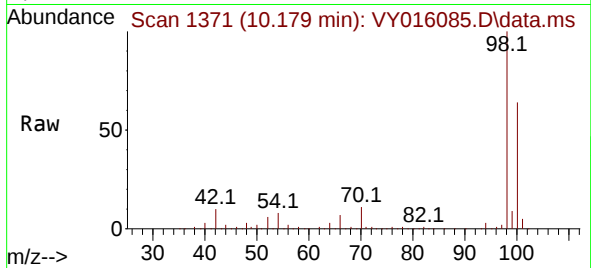




#50
Toluene-d8
Concen: 45.210 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016085.D
Acq: 26 Oct 2023 18:18

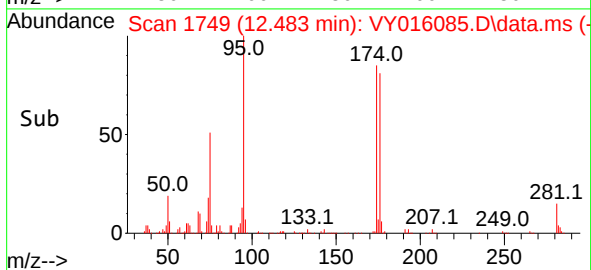
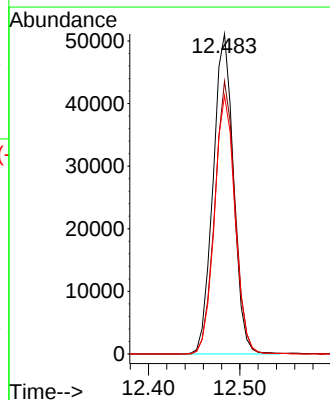
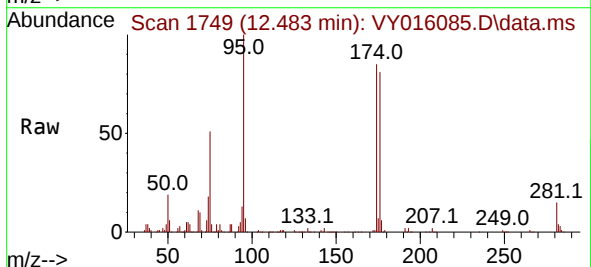
Instrument :
MSVOA_Y
ClientSampleId :
DUCT-BANK-1A

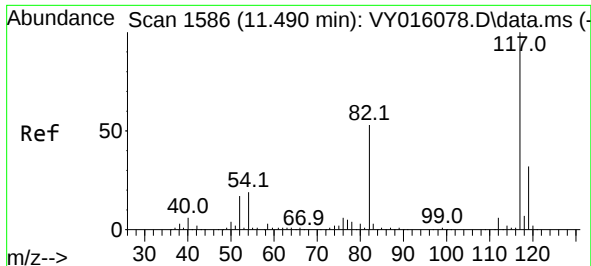
Tgt Ion: 98 Resp: 270334
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 38.580 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY016085.D
Acq: 26 Oct 2023 18:18

Tgt Ion: 95 Resp: 79132
Ion Ratio Lower Upper
95 100
174 85.1 0.0 178.2
176 81.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016085.D

Acq: 26 Oct 2023 18:18

Instrument :

MSVOA_Y

ClientSampleId :

DUCT-BANK-1A

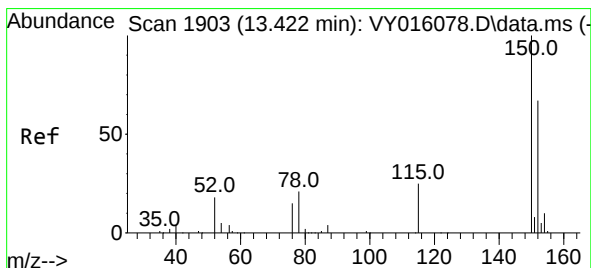
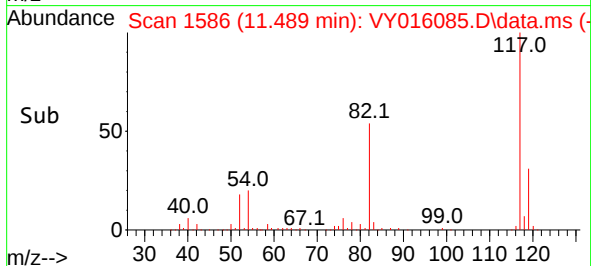
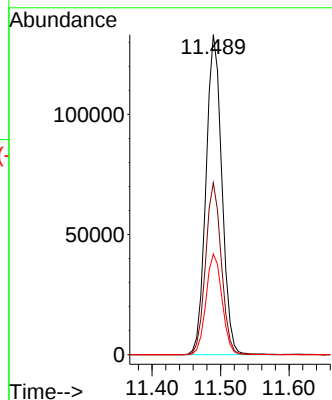
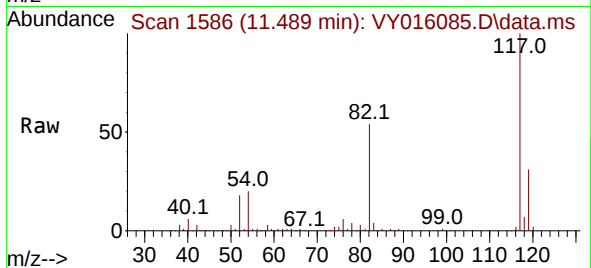
Tgt Ion:117 Resp: 214775

Ion Ratio Lower Upper

117 100

82 53.7 43.4 65.0

119 31.4 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY016085.D

Acq: 26 Oct 2023 18:18

Tgt Ion:152 Resp: 81370

Ion Ratio Lower Upper

152 100

115 58.1 28.8 86.5

150 160.9 0.0 348.8

