

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111224\
 Data File : VY020273.D
 Acq On : 12 Nov 2024 17:22
 Operator : SY/MD
 Sample : P4811-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB24008

Quant Time: Nov 13 00:38:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

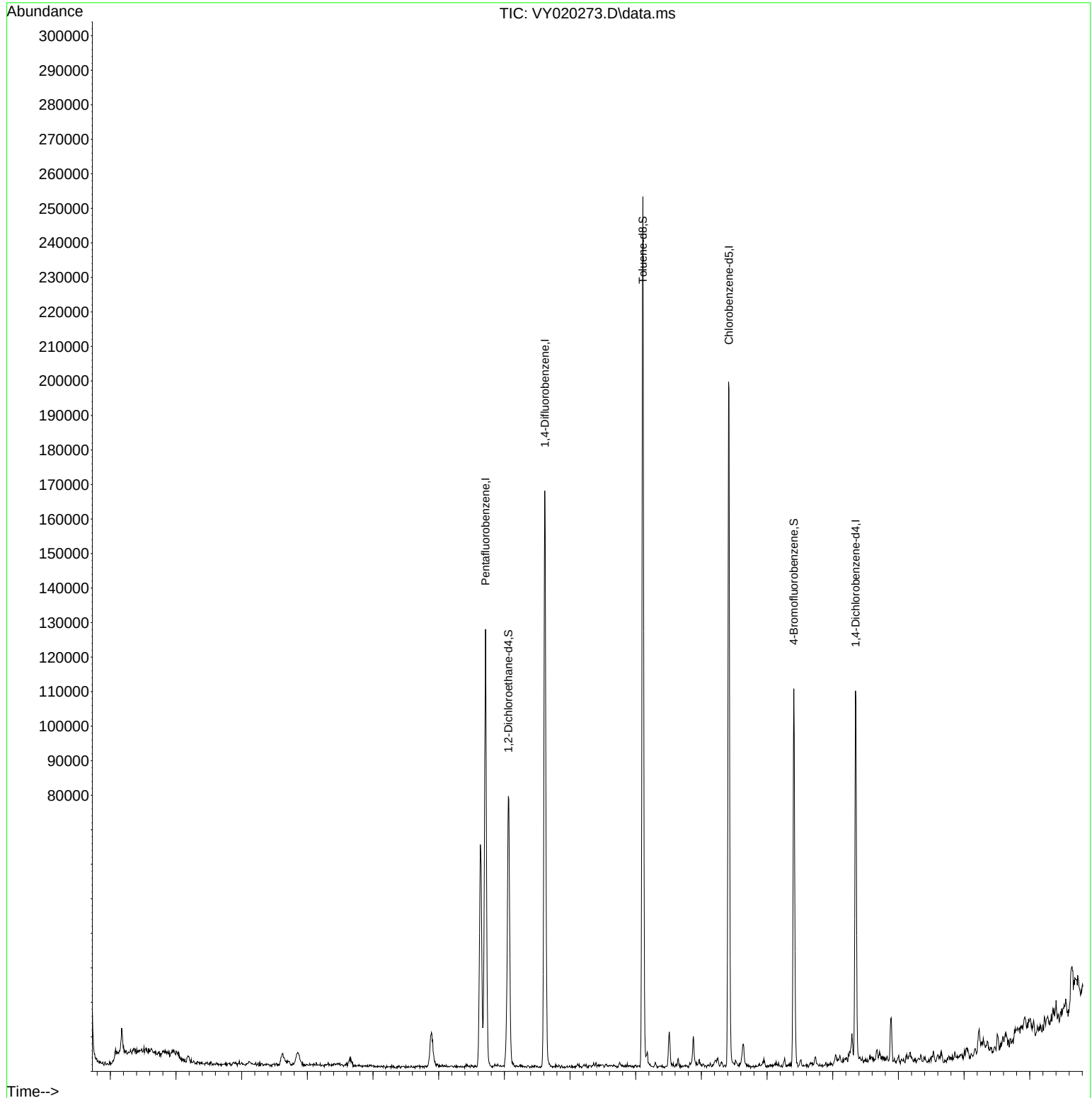
Internal Standards						
1) Pentafluorobenzene	7.713	168	78471	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	133418	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	98951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	26631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	58871	60.111	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.220%
35) Dibromofluoromethane	7.634	113	45650	53.816	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.640%
50) Toluene-d8	10.109	98	158486	46.938	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.880%
62) 4-Bromofluorobenzene	12.408	95	29900	27.263	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	54.520%
Target Compounds						
						Qvalue
68) m/p-Xylenes	11.627	106	1763	1.223	ug/l	89
86) p-Isopropyltoluene	13.291	119	3772	2.050	ug/l #	83

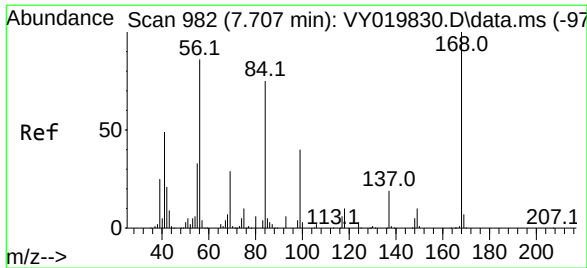
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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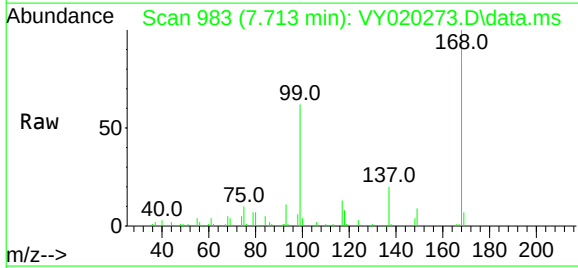
Quant Time: Nov 13 00:38:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
Response via : Initial Calibration



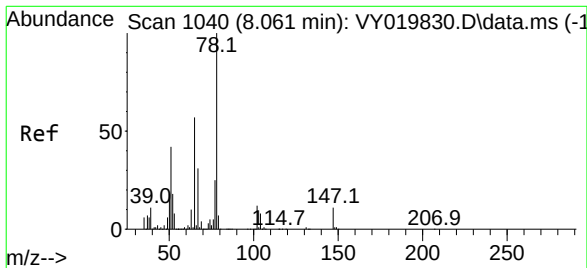
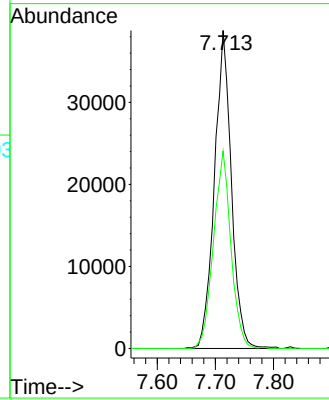
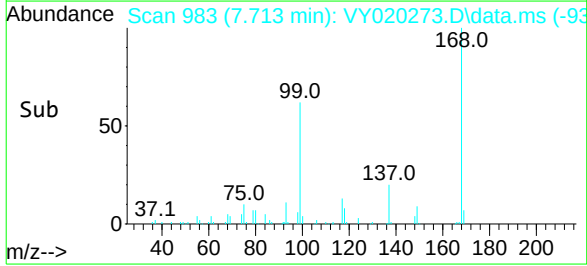


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020273.D
Acq: 12 Nov 2024 17:22

Instrument :
MSVOA_Y
ClientSampleId :
RB24008

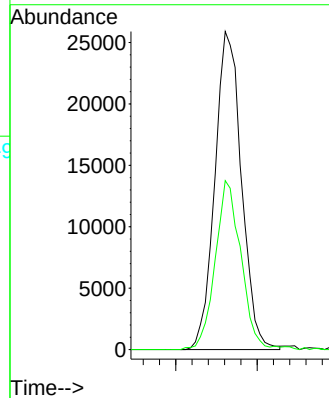
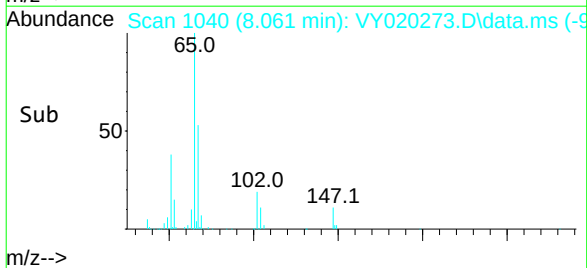
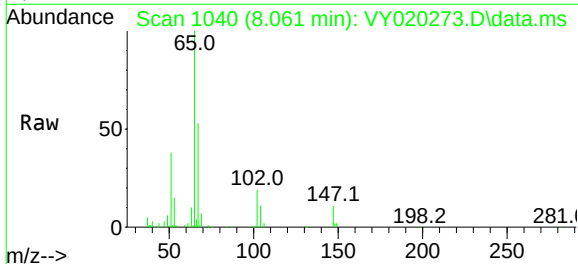


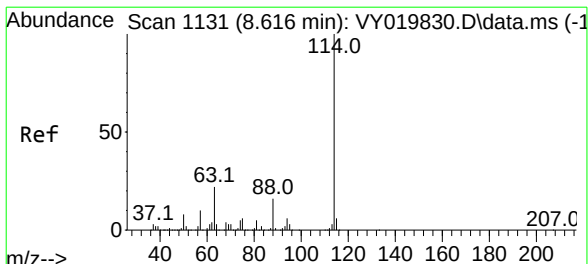
Tgt Ion:168 Resp: 78471
Ion Ratio Lower Upper
168 100
99 62.1 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 60.111 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020273.D
Acq: 12 Nov 2024 17:22

Tgt Ion: 65 Resp: 58871
Ion Ratio Lower Upper
65 100
67 51.5 0.0 109.6

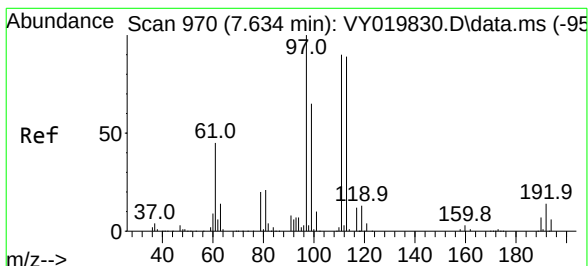
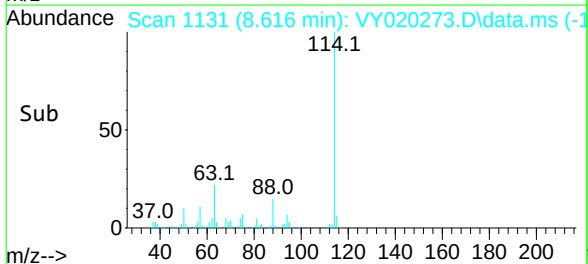
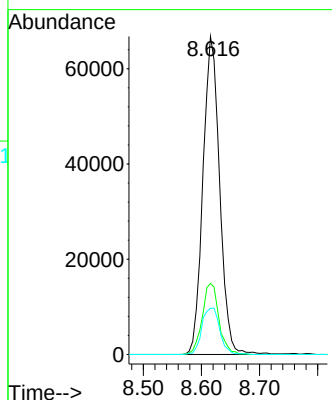
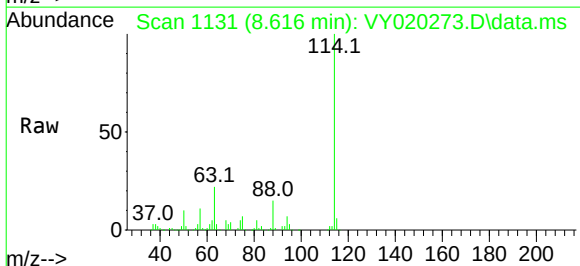




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020273.D
 Acq: 12 Nov 2024 17:22

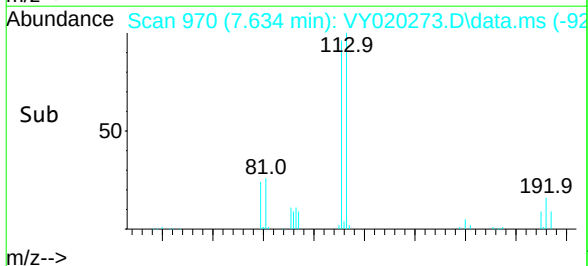
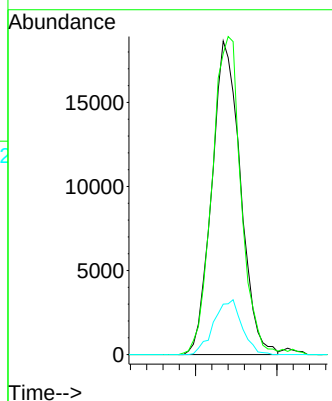
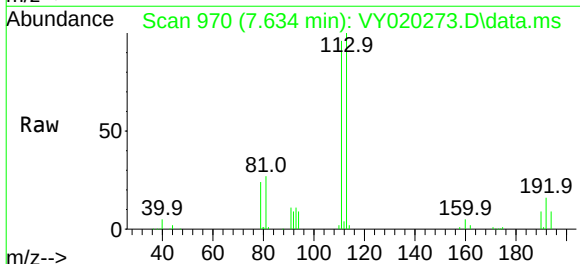
Instrument :
 MSVOA_Y
 ClientSampleId :
 RB24008

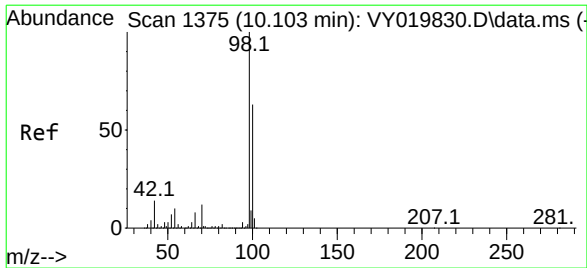
Tgt Ion:	114	Resp:	133418
Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	35.0
88	14.5	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 53.816 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VY020273.D
 Acq: 12 Nov 2024 17:22

Tgt Ion:	113	Resp:	45650
Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.2	123.4
192	17.1	15.9	23.9





#50

Toluene-d8

Concen: 46.938 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020273.D

Acq: 12 Nov 2024 17:22

Instrument :

MSVOA_Y

ClientSampleId :

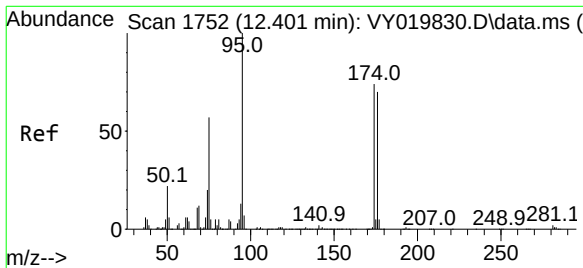
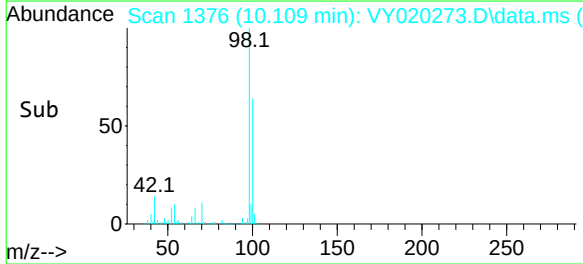
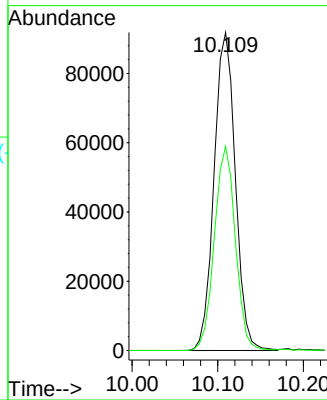
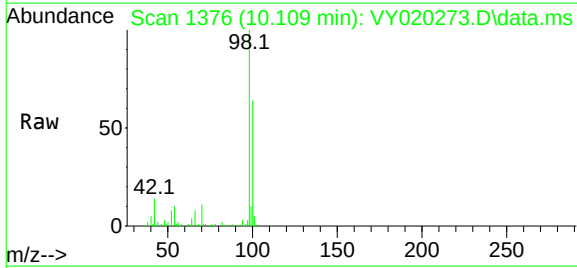
RB24008

Tgt Ion: 98 Resp: 158486

Ion Ratio Lower Upper

98 100

100 63.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 27.263 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020273.D

Acq: 12 Nov 2024 17:22

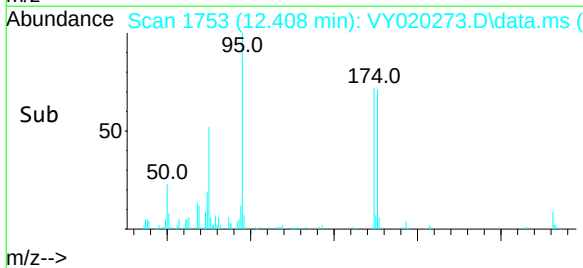
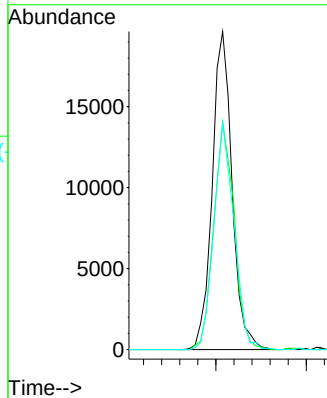
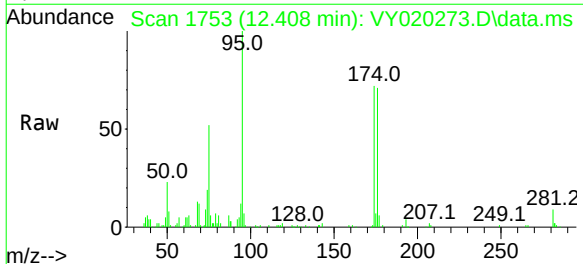
Tgt Ion: 95 Resp: 29900

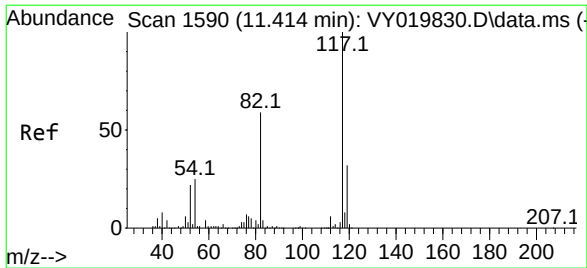
Ion Ratio Lower Upper

95 100

174 74.1 0.0 175.6

176 72.7 0.0 171.4

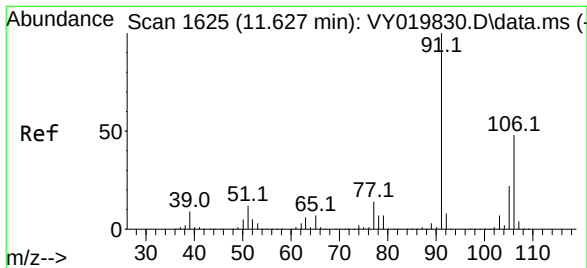
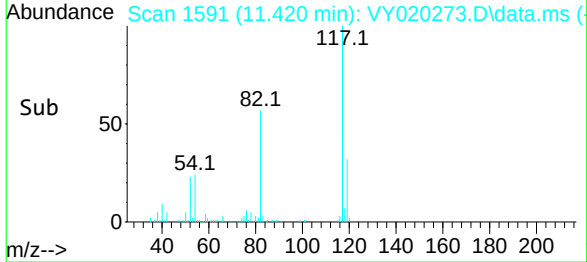
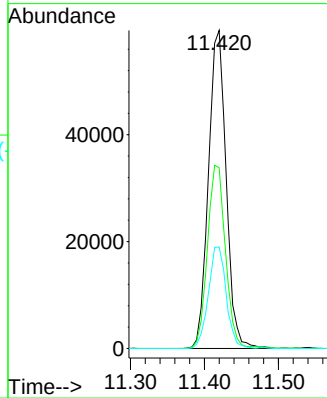
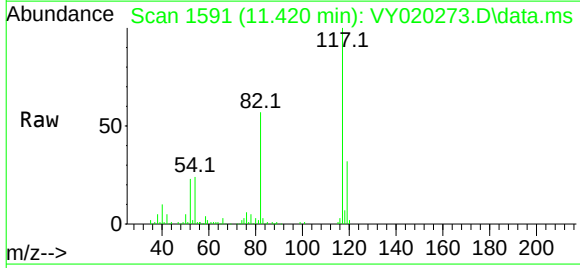




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY020273.D
Acq: 12 Nov 2024 17:22

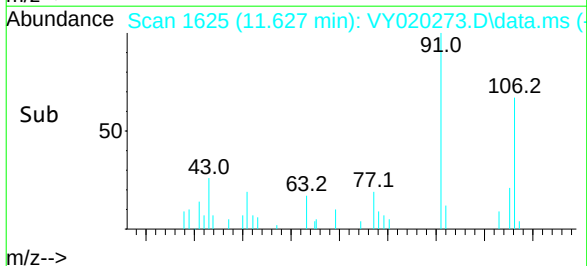
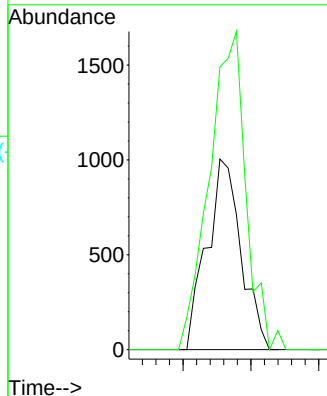
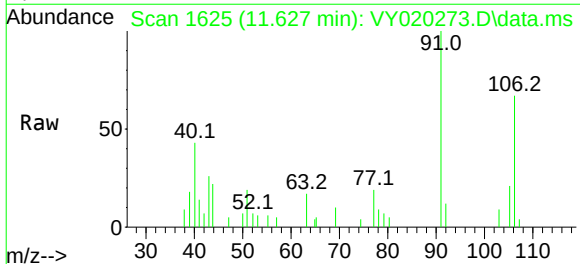
Instrument :
MSVOA_Y
ClientSampleId :
RB24008

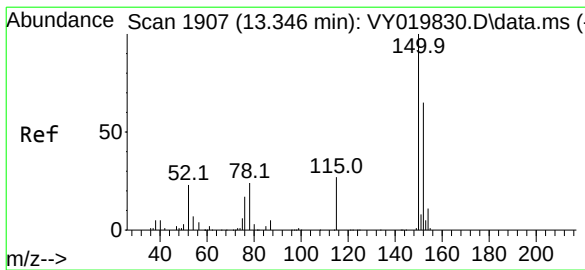
Tgt Ion:	117	Resp:	98951
Ion	Ratio	Lower	Upper
117	100		
82	56.8	42.4	63.6
119	31.9	25.9	38.9



#68
m/p-Xylenes
Concen: 1.223 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY020273.D
Acq: 12 Nov 2024 17:22

Tgt Ion:	106	Resp:	1763
Ion	Ratio	Lower	Upper
106	100		
91	179.0	156.0	234.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020273.D

Acq: 12 Nov 2024 17:22

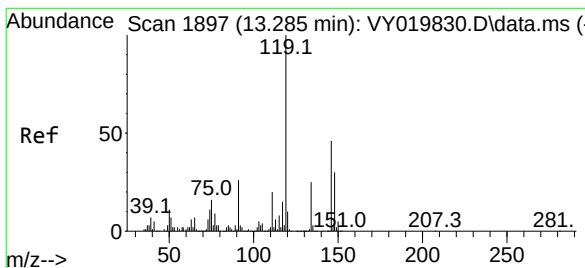
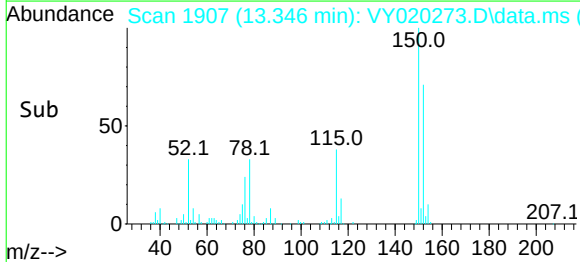
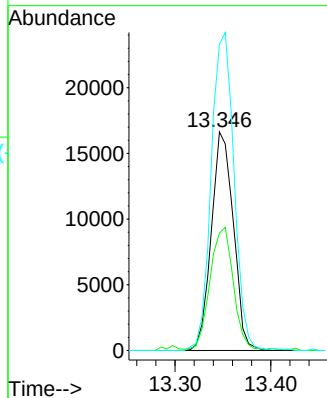
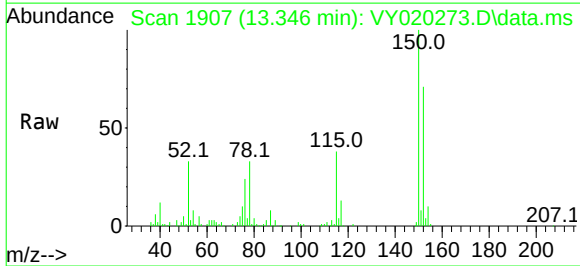
Instrument :

MSVOA_Y

ClientSampleId :

RB24008

Tgt Ion:	152	Resp:	26631
Ion Ratio	Lower	Upper	
152	100		
115	59.5	28.2	84.7
150	150.4	0.0	345.6



#86

p-Isopropyltoluene

Concen: 2.050 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY020273.D

Acq: 12 Nov 2024 17:22

Tgt Ion:	119	Resp:	3772
Ion Ratio	Lower	Upper	
119	100		
134	27.3	13.1	39.3
91	37.8	10.7	32.1#

